

Радиальные шарикоподшипники

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: iap@nt-rt.ru || сайт: <https://ina.nt-rt.ru/>

General Information

RADIAL BALL BEARINGS

PRODUCT DESCRIPTION

INA Radial Ball Bearings

- Available in Conrad style ISO series for miniature, light and medium duty radial bearings.
- Available in Conrad style steel caged angular contact double row bearings.
- Available sealed, shielded or open.
- Available as standard duty insert ball bearings with eccentric collar or set screw locking.

INA Inch Mounted Units

- Uses standard duty (6200) inserts with economy P or standard R seals.
- Inserts available with eccentric locking collar or set screw locking.
- Housings are cast iron to **ABMA** dimensional standards.
- Available as standard and low height pillow blocks, 2 or 4 bolt flange units.

INA Metric Mounted Units

- Uses standard duty (6200) inserts with economy P or standard R seals.
- Inserts available with eccentric locking collar or set screw locking.
- Housings are cast iron to **ABMA** dimensional standards.
- Available as standard, low height or tapped base pillow blocks, 2 or 4 bolt flange units, round 4 bolt or two bolt piloted flange, and take up units.
- Idler sprockets and tensioner units also available for inch or metric equipment.

General Information

RADIAL BALL BEARINGS

PRODUCT DESCRIPTION

- Cast iron housing with ball bearing.
- Spherical interface between bearing and housing accommodates static misalignment of $\pm 2.5^\circ$ with lubrication.
- Relubricable through housing.

HOUSING

- Standard material is grey cast iron as per ASTM A48 class 30 or equivalent (ductile iron available on request subject to minimum quantity.)
- Protection is from a durable powder coat finish. Green is the standard color.
- Housing threaded for standard SAE grease nipples.
1/4-28 UNF for (03) and (04) housings
1/8 NPT for all other sizes.
- Machined surfaces tolerances $\pm 0.25\text{mm}$ (0.010")

BEARING FEATURES

- Normal inch and metric shaft sizes.
- Fastened to shaft by eccentric locking collar or set screw. Drive pin, adapter sleeve.
- C3 clearance
- Supplied with initial fill of lithium based grease.

Standard tolerances for radial insert ball bearings

INNER RING					OUTER RING				
Nominal size d mm			1) Shaft μm		Nominal size D mm			2) Outside dia. μm	
over	inc.	min.	max.	over	inc.	min.	max.		
12	—	18	0	+18	30	—	50	0	−11
18	—	24	0	+18	50	—	80	0	−13
24	—	30	0	+18	80	—	120	0	−15
30	—	40	0	+18	120	—	150	0	−18
40	—	50	0	+18	150	—	180	0	−25
50	—	60	0	+18	180	—	250	0	−30
60	—	90	0	+25					
90	—	120	0	+30					

1) Corresponds to the arithmetical mean of the largest and smallest single diameter (resulting from the two-point measurement.)

2) The smallest and largest value of the outside diameter on sealed bearings may deviate from the mean value by approximately 0.03 mm.

- Nylon 6.6 cage suitable for 120° C, 250° F operation.

- Variety of seal types to suit application. All types are typically of a three piece construction i.e. rubber sealing lip sandwiched between two pieces of zinc plated steel. The steel components protect the rubber against abrasive media and insure that the seal assembly is positively locked into the outer ring.

SHAFT FITS / LIMITING SPEEDS

For speeds up to the values listed in the dimension tables, the shaft should correspond to ISO tolerance limit h9. For higher speeds, shaft tolerance h5 is recommended and the INA Engineering Service should be contacted.

SHAFT SIZE mm.	10 INCL. 18	18 INCL. 30	30 INCL. 50	50 INCL. 80	80 INCL. 120
tolerance h9	0 -43	0 -52	0 -62	0 -74	0 -87
tolerance h6	0 -11	0 -13	0 -16	0 -19	0 -22
tolerance h5	0 -8	0 -9	0 -11	0 -13	0 -15

values in m (1 μm = 0.001 mm)

Speed factors for insert bearings - guide values.

Seal type	Shaft tolerance	Load C/P	Speed factor $n \cdot d$
L/P/R	h9	5 to 13	40,000
L/P/R	h9	>13	80,000
L/P/R	h6	>13	130,000
L/P/R	h5	>13	160,000
P3	h9	>13	25,000
Rubber interliner	h9	>13	50,000
GSH..RRB	h9	>13	200,000

Example:

GRAE 30 NPPB, shaft tolerance h6, load P 1300 N.

$$\text{Load C/P} = 19,500/1,300 > 13$$

$$\text{Speed factor } n \cdot d = 130,000$$

$$\text{Permissible speed } n = 130,000/30$$

$$\approx 4,300 \text{ min}^{-1}$$

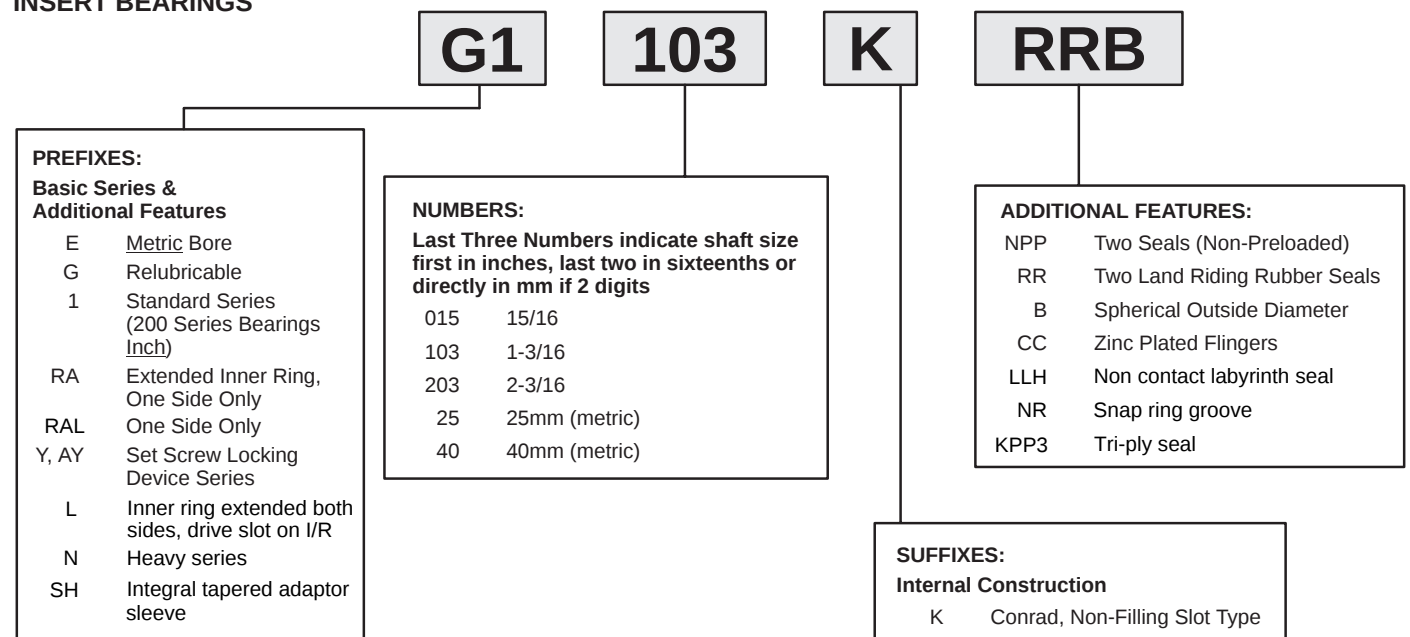
Many factors influence the permissible speed (n) RPM including the capacity to load ratio (C/P) and the relative size in mm (d). These guidelines also show when the shaft tolerance must be restricted.



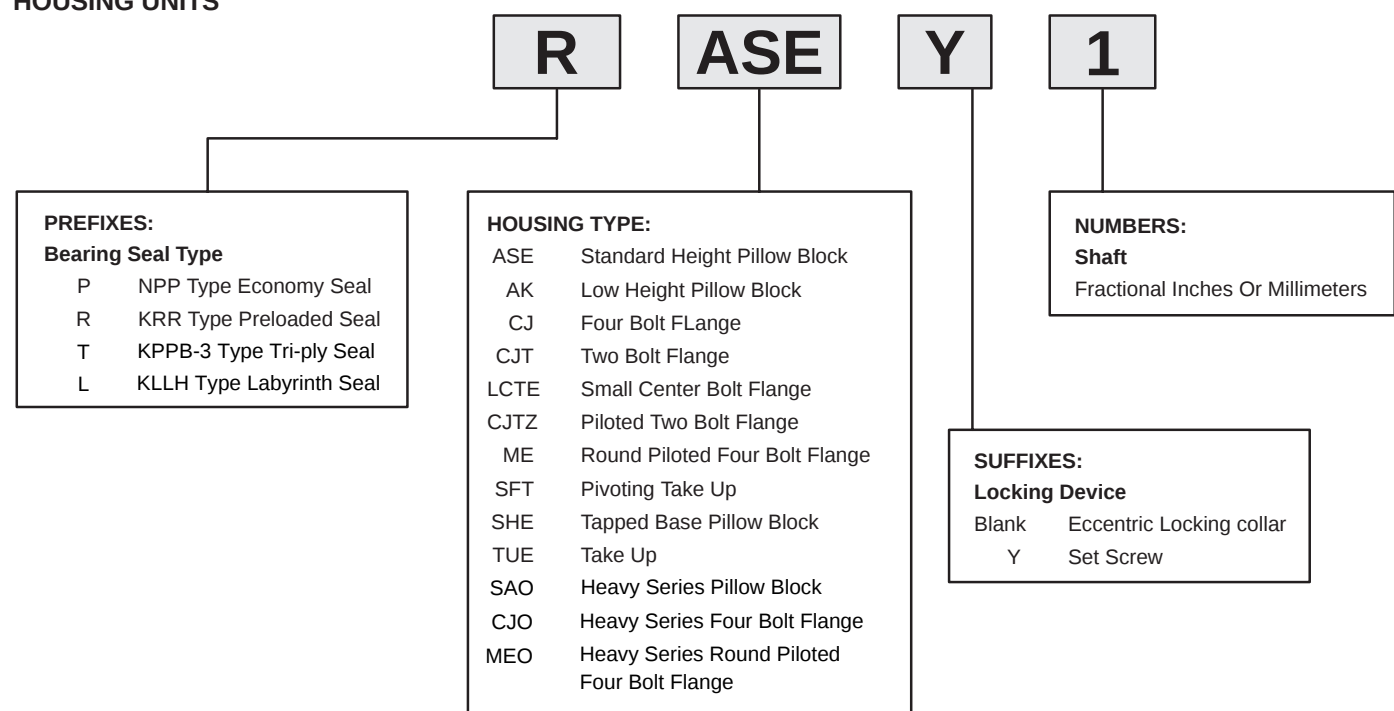
Part Number Identification

RADIAL BALL BEARINGS

INSERT BEARINGS



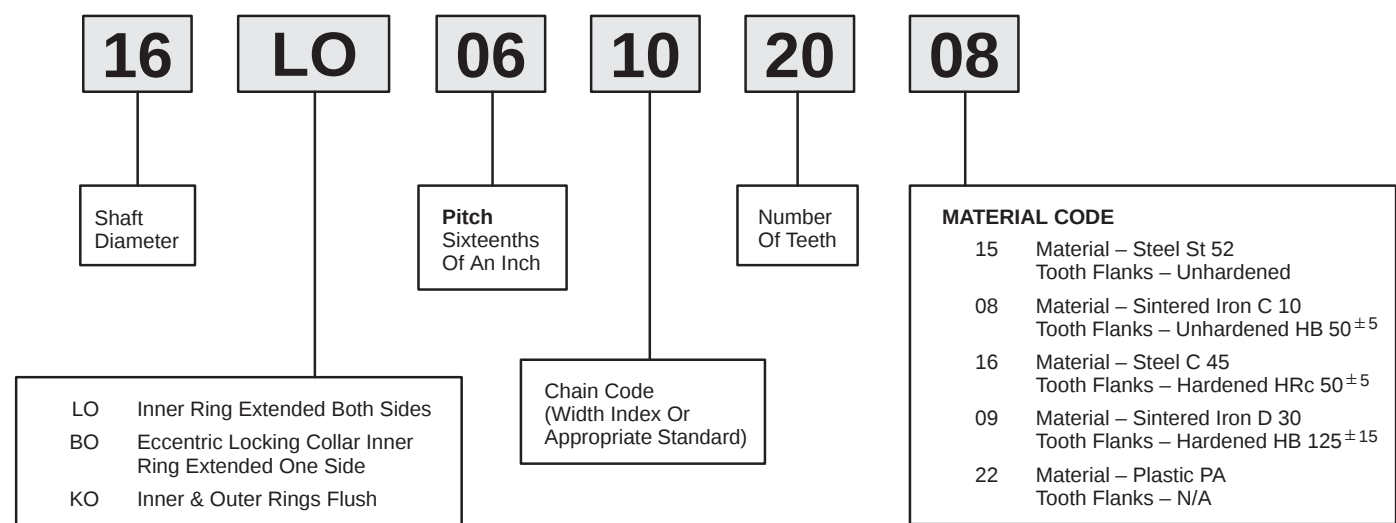
HOUSING UNITS



Part Number Identification

RADIAL BALL BEARINGS

IDLER SPROCKET



Prefix & Suffix Interchange Chart

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

INA	FAFNIR	DODGE	SKF	SEALMASTER	LINKBELT
PRE / SUF	PRE / SUF	PRE / SUF	PRE / SUF	PRE / SUF	PRE / SUF
PASE	VAS	P2BSXV	SY / FM	VP / E	P3W
PASEY	SAS	P2BSCV		VP	
PAK	VAK	P2BSXVB	SYH / FM		PL3Y / N
PAKY	SAK	P2BSCVB			PL3U / N
PCJ	[P]VCJ	F4BSXV	FY / FM	VF / E	F3W / U
PCJY	SCJ	F4BSCV		VF	
PCJT	VCJT	F2BSXV	FYT(B) / FM	VFT / E	FX3W / U
PCJTY	SCJT	F2BSCV			FX3S / E

INA	FAFNIR	DODGE	SKF	SEALMASTER	LINKBELT
PRE / SUF	PRE / SUF	PRE / SUF	PRE / SUF	PRE / SUF	PRE / SUF
RASE	RAS	P2BSXR		NP / E	P3Y
RASEY	YAS	P2BSC	SY / TM	NP	
RAK	RAK	P2BSXRB	SYH / WM	NPL / E	PL3Y
RAKY	YAK	P2BSCB		NPL	
RCJ	RCJ	F4BSXR	FY / WM	RF / E	F3Y
RCJY	YCJ	F4BSC	FY / TM	RF	
RCJT	RCJT	F2BSXR	FYT / WM	RFT / E	FX3Y
RCJTY	YCJT	F2BSC	FYT / TM	RFT	

This interchange list is based on catalogs known to INA.
INA USA Corporation cannot assume responsibility for errors, inaccuracies or any damages arising from use of this data.
In case of doubt please contact an INA Sales Representative at a location nearest you.

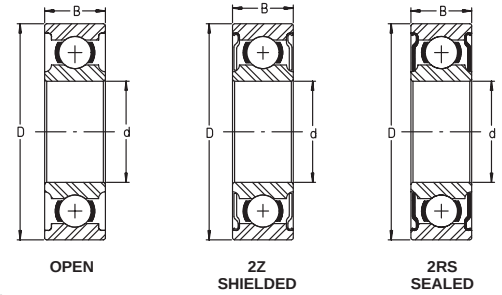
Elges and Andrews are registered trademarks of INA USA Corporation
Permaglide is a registered trademark and a product of KOLBENSCHMIDT AG,
Neckarsulm, also produced in Greensburg, Indiana, USA.
All other products and company names are trademarks or registered trademarks
of their respective companies.



Ball Bearings

600 SERIES

- Metric series
- Conrad ball bearings
- Miniature, extra-light, light, medium series
- Available as open, shielded or sealed



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

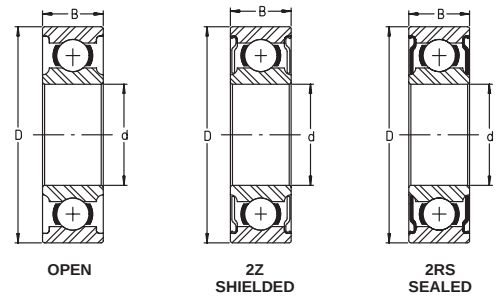
PART NUMBER	SHAFT inch	SHAFT mm	OD inch	OD mm	WIDTH inch	WIDTH mm	WEIGHT lbs	WEIGHT g	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT OIL rpm
626	0.2362	6	0.748	19	0.2362	6	0.019	8.4	530	2340	200	890	39000
626 2RS	0.2362	6	0.748	19	0.2362	6	0.019	8.4	530	2340	200	890	30000
6262Z	0.2362	6	0.748	19	0.2362	6	0.019	8.4	530	2340	200	890	39000
607	0.2756	7	0.748	19	0.2362	6	0.017	7.5	530	2360	205	910	40000
6072RS	0.2756	7	0.748	19	0.2362	6	0.017	7.5	530	2360	205	910	28000
6072Z	0.2756	7	0.748	19	0.2362	6	0.017	7.5	530	2360	205	910	40000
627	0.2756	7	0.8661	22	0.2756	7	0.029	13	730	3250	305	1350	37000
6272RS	0.2756	7	0.8661	22	0.2756	7	0.029	13	730	3250	305	1350	23000
6272Z	0.2756	7	0.8661	22	0.2756	7	0.029	13	730	3250	305	1350	37000
698	0.315	8	0.748	19	0.2362	6	0.016	7.3	500	2240	196	870	38000
6982Z	0.315	8	0.748	19	0.2362	6	0.016	7.3	500	2240	196	870	38000
608	0.315	8	0.8661	22	0.2756	7	0.026	12	760	3380	295	1320	37000
608RS	0.315	8	0.8661	22	0.2756	7	0.026	12	760	3380	295	1320	23000
6082Z	0.315	8	0.8661	22	0.2756	7	0.026	12	760	3380	295	1320	37000
628	0.315	8	0.9449	24	0.315	8	0.035	16	750	3350	315	1410	36000
6282RS	0.315	8	0.9449	24	0.315	8	0.035	16	750	3350	315	1410	22000
6282Z	0.315	8	0.9449	24	0.315	8	0.035	16	750	3350	315	1410	36000
699	0.3543	9	0.7874	20	0.2362	6	0.017	7.8	385	1710	166	740	37000
6992Z	0.3543	9	0.7874	20	0.2362	6	0.017	7.8	385	1710	166	740	37000
609	0.3543	9	0.9449	24	0.2756	7	0.031	14	780	3450	320	1430	36000
6092RS	0.3543	9	0.9449	24	0.2756	7	0.031	14	780	3450	320	1430	22000
6092Z	0.3543	9	0.9449	24	0.2756	7	0.031	14	780	3450	320	1430	36000
629	0.3543	9	1.0236	26	0.315	8	0.044	20	1020	4550	440	1960	35000
6292RS	0.3543	9	1.0236	26	0.315	8	0.044	20	1020	4550	440	1960	21000
6292Z	0.3543	9	1.0236	26	0.315	8	0.044	20	1020	4550	440	1960	35000
6000	0.3937	10	1.0236	26	0.315	8	0.042	19	1030	4600	440	1950	34000
60002RS	0.3937	10	1.0236	26	0.315	8	0.042	19	1030	4600	440	1950	21000
60002Z	0.3937	10	1.0236	26	0.315	8	0.042	19	1030	4600	440	1950	34000
6200	0.3937	10	1.1811	30	0.3543	9	0.071	32	1370	6100	580	2600	32000
62002RS	0.3937	10	1.1811	30	0.3543	9	0.071	32	1370	6100	580	2600	17000
62002Z	0.3937	10	1.1811	30	0.3543	9	0.071	32	1370	6100	580	2600	32000
6300	0.3937	10	1.378	35	0.4331	11	0.119	54	1750	7800	810	3600	28000
63002RS	0.3937	10	1.378	35	0.4331	11	0.119	54	1750	7800	810	3600	15000
63002Z	0.3937	10	1.378	35	0.4331	11	0.119	54	1750	7800	810	3600	28000
6001	0.4724	12	1.1024	28	0.315	8	0.049	22	1150	5100	530	2350	31000
60012RS	0.4724	12	1.1024	28	0.315	8	0.049	22	1150	5100	530	2350	18000
60012Z	0.4724	12	1.1024	28	0.315	8	0.049	22	1150	5100	530	2350	31000
6201	0.4724	12	1.2598	32	0.3937	10	0.082	37	1550	6900	670	3000	30000
62012RS	0.4724	12	1.2598	32	0.3937	10	0.082	37	1550	6900	670	3000	16000
62012Z	0.4724	12	1.2598	32	0.3937	10	0.082	37	1550	6900	670	3000	30000
6301	0.4724	12	1.4567	37	0.4724	12	0.135	61	2410	10700	1100	4900	26000
63012RS	0.4724	12	1.4567	37	0.4724	12	0.135	61	2410	10700	1100	4900	13000
63012Z	0.4724	12	1.4567	37	0.4724	12	0.135	61	2410	10700	1100	4900	26000
6002	0.5906	15	1.2598	32	0.3543	9	0.066	30	1260	5600	640	2850	30000
60022RS	0.5906	15	1.2598	32	0.3543	9	0.066	30	1260	5600	640	2850	15000
60022Z	0.5906	15	1.2598	32	0.3543	9	0.066	30	1260	5600	640	2850	30000



Ball Bearings

600 SERIES

- Metric series
- Conrad ball bearings
- Miniature, extra-light, light, medium series
- Available as open, shielded or sealed



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

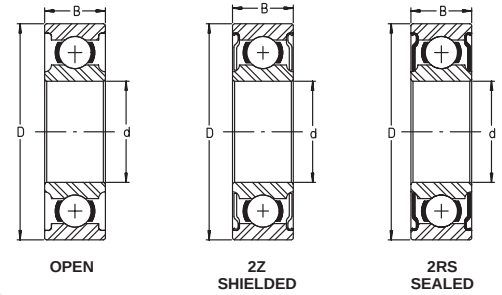
PART NUMBER	SHAFT inch	SHAFT mm	OD inch	OD mm	WIDTH inch	WIDTH mm	WEIGHT lbs	WEIGHT g	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT OIL rpm
6202	0.5906	15	1.378	35	0.4331	11	0.099	45	1730	7700	790	3500	26000
62022RS	0.5906	15	1.378	35	0.4331	11	0.099	45	1730	7700	790	3450	20000
62022Z	0.5906	15	1.378	35	0.4331	11	0.099	45	1730	7700	790	3450	26000
6302	0.5906	15	1.6535	42	0.5118	13	0.187	85	2550	11300	1190	5300	22000
63022RS	0.5906	15	1.6535	42	0.5118	13	0.187	85	2550	11300	1190	5300	12000
63022Z	0.5906	15	1.6535	42	0.5118	13	0.187	85	2550	11300	1190	5300	22000
6003	0.6693	17	1.378	35	0.3937	10	0.086	39	1300	5800	630	2800	28000
60032RS	0.6693	17	1.378	35	0.3937	10	0.086	39	1300	5800	630	2800	13000
60032Z	0.6693	17	1.378	35	0.3937	10	0.086	39	1300	5800	630	2800	28000
6203	0.6693	17	1.5748	40	0.4724	12	0.143	65	2160	9600	1010	4500	22000
62032RS	0.6693	17	1.5748	40	0.4724	12	0.143	65	2160	9600	1010	4500	12000
62032Z	0.6693	17	1.5748	40	0.4724	12	0.143	65	2160	9600	1010	4500	22000
6303	0.6693	17	1.8504	47	0.5512	14	0.245	111	3050	13500	1390	6200	19000
63032RS	0.6693	17	1.8504	47	0.5512	14	0.245	111	3050	13500	1390	6200	11000
63032Z	0.6693	17	1.8504	47	0.5512	14	0.245	111	3050	13500	1390	6200	19000
6004	0.7874	20	1.6535	42	0.4724	12	0.152	69	2110	9400	1120	5000	20000
60042RS	0.7874	20	1.6535	42	0.4724	12	0.152	69	2110	9400	1120	5000	11000
60042Z	0.7874	20	1.6535	42	0.4724	12	0.152	69	2110	9400	1120	5000	20000
6204	0.7874	20	1.8504	47	0.5512	14	0.243	110	2850	12700	1460	6500	18000
62042RS	0.7874	20	1.8504	47	0.5512	14	0.243	110	2850	12700	1460	6500	10000
62042Z	0.7874	20	1.8504	47	0.5512	14	0.243	110	2850	12700	1460	6500	18000
6304	0.7874	20	2.0472	52	0.5906	15	0.326	148	3550	15900	1750	7800	17000
63042RS	0.7874	20	2.0472	52	0.5906	15	0.326	148	3550	15900	1750	7800	9000
63042Z	0.7874	20	2.0472	52	0.5906	15	0.326	148	3550	15900	1750	7800	17000
6005	0.9843	25	1.8504	47	0.4724	12	0.176	80	2500	11200	1460	6500	18000
60052RS	0.9843	25	1.8504	47	0.4724	12	0.176	80	2500	11200	1460	6500	9500
60052Z	0.9843	25	1.8504	47	0.7087	18	0.176	80	2500	11200	1460	6500	18000
6205	0.9843	25	2.0472	52	0.5906	15	0.287	130	3150	14000	1750	7800	17000
62052RS	0.9843	25	2.0472	52	0.5906	15	0.287	130	3150	14000	1750	7800	9000
62052Z	0.9843	25	2.0472	52	0.5906	15	0.287	130	3150	14000	1750	7800	17000
6305	0.9843	25	2.4409	62	0.6693	17	0.512	232	4650	20600	2550	11300	14000
63052RS	0.9843	25	2.4409	62	0.6693	17	0.512	232	4650	20600	2550	11300	7500
63052Z	0.9843	25	2.4409	62	0.6693	17	0.512	232	4650	20600	2550	11300	14000
6006	1.1811	30	2.1654	55	0.5118	13	0.265	120	2950	13200	1870	8300	16000
60062RS	1.1811	30	2.1654	55	0.5118	13	0.265	120	2950	13200	1870	8300	8000
60062Z	1.1811	30	2.1654	55	0.5118	13	0.265	120	2950	13200	1870	8300	16000
6206	1.1811	30	2.4409	62	0.6299	16	0.441	200	4400	19500	2500	11200	14000
62062RS	1.1811	30	2.4409	62	0.6299	16	0.441	200	4400	19500	2500	11200	7500
62062Z	1.1811	30	2.4409	62	0.6299	16	0.441	200	4400	19500	2500	11200	14000
6306	1.1811	30	2.8346	72	0.748	19	0.772	350	6000	26500	3350	15000	12000
63062RS	1.1811	30	2.8346	72	0.748	19	0.772	350	6000	26500	3350	15000	6300
63062Z	1.1811	30	2.8346	72	0.748	19	0.772	350	6000	26500	3350	15000	12000
6007	1.378	35	2.4409	62	0.5512	14	0.333	151	3600	16000	2320	10300	14000
60072RS	1.378	35	2.4409	62	0.5512	14	0.333	151	3600	16000	2320	10300	7000
60072Z	1.378	35	2.4409	62	0.5512	14	0.333	151	3600	16000	2320	10300	14000
6207	1.378	35	2.8346	72	0.6693	17	0.639	290	5700	25500	3450	15300	12000



Ball Bearings

600 SERIES

- Metric series
- Conrad ball bearings
- Miniature, extra-light, light, medium series
- Available as open, shielded or sealed



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

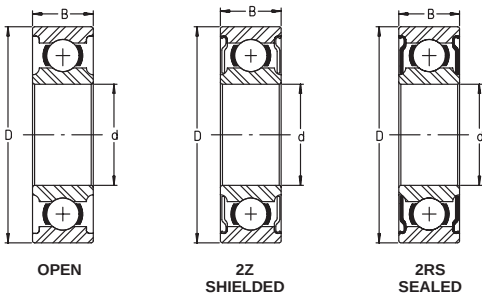
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT inch	SHAFT mm	OD inch	OD mm	WIDTH inch	WIDTH mm	WEIGHT lbs	WEIGHT g	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT OIL rpm
62072RS	1.378	35	2.8346	72	0.6693	17	0.639	290	5700	25500	3450	15300	6300
62072Z	1.378	35	2.8346	72	0.6693	17	0.639	290	5700	25500	3450	15300	12000
6307	1.378	35	3.1496	80	0.8268	21	1.014	460	7500	33500	4300	19200	10000
63072RS	1.378	35	3.1496	80	0.8268	21	1.014	460	7500	33500	4300	19200	5600
63072Z	1.378	35	3.1496	80	0.8268	21	1.014	460	7500	33500	4300	19200	10000
6008	1.5748	40	2.6772	68	0.5906	15	0.419	190	3800	16800	2600	11500	13000
60082RS	1.5748	40	2.6772	68	0.5906	15	0.419	190	3800	16800	2600	11500	6300
60082Z	1.5748	40	2.6772	68	0.5906	15	0.419	190	3800	16800	2600	11500	13000
6208	1.5748	40	3.1496	80	0.7087	18	0.807	366	6500	29000	4000	17800	10000
62082RS	1.5748	40	3.1496	80	0.7087	18	0.807	366	6500	29000	4000	17800	5600
62082Z	1.5748	40	3.1496	80	0.7087	18	0.807	366	6500	29000	4000	17800	10000
6308	1.5748	40	3.5433	90	0.9055	23	1.389	630	10200	45500	5800	26000	9000
63082RS	1.5748	40	3.5433	90	0.9055	23	1.389	630	10200	45500	5800	26000	5000
63082Z	1.5748	40	3.5433	90	0.9055	23	1.389	630	10200	45500	5800	26000	9000
6009	1.7717	45	2.9528	75	0.6299	16	0.512	232	4650	20700	3250	14500	11000
60092RS	1.7717	45	2.9528	75	0.6299	16	0.512	232	4650	20700	3250	14500	5600
60092Z	1.7717	45	2.9528	75	0.6299	16	0.512	232	4650	20700	3250	14500	11000
6209	1.7717	45	3.3465	85	0.748	19	0.893	405	7300	32500	4600	20400	9500
62092RS	1.7717	45	3.3465	85	0.748	19	0.893	405	7300	32500	4600	20400	5300
62092Z	1.7717	45	3.3465	85	0.748	19	0.893	405	7300	32500	4600	20400	9500
6309	1.7717	45	3.937	100	0.9843	25	1.874	850	11900	53000	7100	31500	8000
63092RS	1.7717	45	3.937	100	0.9843	25	1.874	850	11900	53000	7100	31500	4500
63092Z	1.7717	45	3.937	100	0.9843	25	1.874	850	11900	53000	7100	31500	8000
6010	1.9685	50	3.1496	80	0.6299	16	0.576	261	4850	21600	3600	16000	10000
60102RS	1.9685	50	3.1496	80	0.6299	16	0.576	261	4850	21600	3600	16000	5300
60102Z	1.9685	50	3.1496	80	0.6299	16	0.576	261	4850	21600	3600	16000	10000
6210	1.9685	50	3.5433	90	0.7874	20	1.001	454	7900	35000	5200	23200	9000
62102RS	1.9685	50	3.5433	90	0.7874	20	1.001	454	7900	35000	5200	23200	4800
62102Z	1.9685	50	3.5433	90	0.7874	20	1.001	454	7900	35000	5200	23200	9000
6310	1.9685	50	4.3307	110	1.063	27	2.43	1102	13900	62000	8500	38000	7000
63102RS	1.9685	50	4.3307	110	1.063	27	2.43	1102	13900	62000	8500	38000	4000
63102Z	1.9685	50	4.3307	110	1.063	27	2.43	1102	13900	62000	8500	38000	7000
6011	2.1654	55	3.5433	90	0.7087	18	0.831	377	6300	28000	4750	21200	9000
60112RS	2.1654	55	3.5433	90	0.7087	18	0.831	377	6300	28000	4750	21200	4500
60112Z	2.1654	55	3.5433	90	0.7087	18	0.831	377	6300	28000	4750	21200	9000
6211	2.1654	55	3.937	100	0.8268	21	1.341	608	9700	43000	6500	29000	8000
62112RS	2.1654	55	3.937	100	0.8268	21	1.341	608	9700	43000	6500	29000	4300
62112Z	2.1654	55	3.937	100	0.8268	21	1.341	608	9700	43000	6500	29000	8000
6311	2.1654	55	4.7244	120	1.1417	29	3.065	1390	16500	73500	10400	46300	6300
63112RS	2.1654	55	4.7244	120	1.1417	29	3.065	1390	16500	73500	10400	46300	3600
63112Z	2.1654	55	4.7244	120	1.1417	29	3.065	1390	16500	73500	10400	46300	6300
6012	2.3622	60	3.7402	95	0.7087	18	0.904	410	6600	29500	5200	23200	8500
60122RS	2.3622	60	3.7402	95	0.7087	18	0.904	410	6600	29500	5200	23200	4300
60122Z	2.3622	60	3.7402	95	0.7087	18	0.904	410	6600	29500	5200	23200	8500
6212	2.3622	60	4.3307	110	0.8661	22	1.731	785	11700	52000	8100	36000	7000
62122RS	2.3622	60	4.3307	110	0.8661	22	1.731	785	11700	52000	8100	36000	4000



Ball Bearings 600 SERIES

- Metric series
- Conrad ball bearings
- Miniature, extra-light, light, medium series
- Available as open, shielded or sealed



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT inch	SHAFT mm	OD inch	OD mm	WIDTH inch	WIDTH mm	WEIGHT lbs	WEIGHT g	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT OIL rpm
62122Z	2.3622	60	4.3307	110	0.8661	22	1.731	785	11700	52000	8100	36000	7000
6312	2.3622	60	5.1181	130	1.2205	31	3.793	1720	18400	82000	11700	52000	6000
63122RS	2.3622	60	5.1181	130	1.2205	31	3.793	1720	18400	82000	11700	52000	3400
63122Z	2.3622	60	5.1181	130	1.2205	31	3.793	1720	18400	82000	11700	52000	6000
6013	2.5591	65	3.937	100	0.7087	18	0.961	436	6900	30500	5600	25000	7500
60132RS	2.5591	65	3.937	100	0.7087	18	0.961	436	6900	30500	5600	25000	4000
60132Z	2.5591	65	3.937	100	0.7087	18	0.961	436	6900	30500	5600	25000	7500
6213	2.5591	65	4.7244	120	0.9055	23	2.165	982	12800	57000	9000	40000	6300
62132RS	2.5591	65	4.7244	120	0.9055	23	2.165	982	12800	57000	9000	40000	3600
62132Z	2.5591	65	4.7244	120	0.9055	23	2.165	982	12800	57000	9000	40000	6300
6313	2.5591	65	5.5118	140	1.2992	33	4.697	2130	20900	93000	13500	60000	5300
63132RS	2.5591	65	5.5118	140	1.2992	33	4.697	2130	20900	93000	13500	60000	3000
63132Z	2.5591	65	5.5118	140	1.2992	33	4.697	2130	20900	93000	13500	60000	5300
6014	2.7559	70	4.3307	110	0.7874	20	1.33	603	8500	38000	7000	31000	7000
60142RS	2.7559	70	4.3307	110	0.7874	20	1.33	603	8500	38000	7000	31000	3600
60142Z	2.7559	70	4.3307	110	0.7874	20	1.33	603	8500	38000	7000	31000	7000
6214	2.7559	70	4.9213	125	0.9449	24	2.379	1079	13900	62000	9900	44000	6000
62142RS	2.7559	70	4.9213	125	0.9449	24	2.379	1079	13900	62000	9900	44000	3400
62142Z	2.7559	70	4.9213	125	0.9449	24	2.379	1079	13900	62000	9900	44000	6000
6314	2.7559	70	5.9055	150	1.378	35	5.799	2630	23400	104000	15300	68000	5000
63142RS	2.7559	70	5.9055	150	1.378	35	5.799	2630	23400	104000	15300	68000	2800
63142Z	2.7559	70	5.9055	150	1.378	35	5.799	2630	23400	104000	15300	68000	5000



Double Row Angular Contact

Ball Bearings

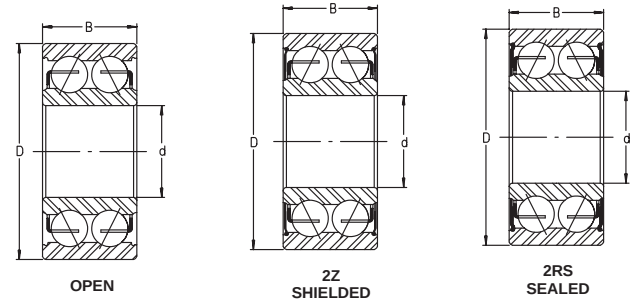
3200 & 3300 SERIES

- Steel cage shown with suffix J
- 25° contact angle
- Available as open, shielded or sealed
- Optional plastic cage without suffix available on request

¹⁾ 3200 plastic cage version with 14mm width

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales



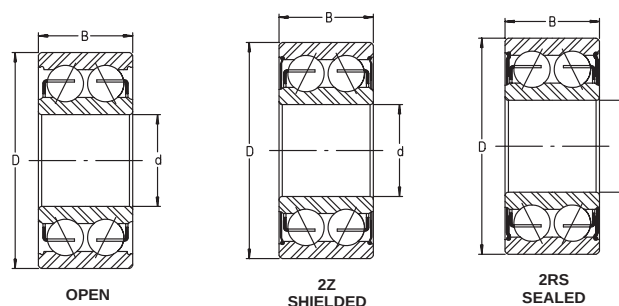
PART NUMBER	SHAFT inch	SHAFT mm	OD inch	OD mm	WIDTH inch	WIDTH mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT GREASE rpm
3200J ¹⁾	0.394	10	1.181	30	0.563	14.288	0.115	0.052	1600	6950	900	3800	16000
3200J2RS ¹⁾	0.394	10	1.181	30	0.563	14.288	0.115	0.052	1600	6950	900	3800	16000
3200J2Z ¹⁾	0.394	10	1.181	30	0.563	14.288	0.115	0.052	1600	6950	900	3800	16000
3201J	0.472	12	1.26	32	0.625	15.875	0.132	0.060	2100	9150	1100	5050	15000
3201J2RS	0.472	12	1.26	32	0.625	15.875	0.132	0.060	2100	9150	1100	5050	15000
3201J2Z	0.472	12	1.26	32	0.625	15.875	0.132	0.060	2100	9150	1100	5050	15000
3202J	0.591	15	1.378	35	0.625	15.875	0.154	0.070	2200	10000	1400	6050	14000
3202J2RS	0.591	15	1.378	35	0.625	15.875	0.154	0.070	2200	10000	1400	6050	14000
3202J2Z	0.591	15	1.378	35	0.625	15.875	0.154	0.070	2200	10000	1400	6050	14000
3203J	0.669	17	1.575	40	0.687	17.462	0.221	0.100	2900	12800	1800	8000	11000
3203J2RS	0.669	17	1.575	40	0.687	17.462	0.221	0.100	2900	12800	1800	8000	11000
3203J2Z	0.669	17	1.575	40	0.687	17.462	0.221	0.100	2900	12800	1800	8000	11000
3204J	0.787	20	1.85	47	0.813	20.638	0.364	0.165	4300	19000	2700	12100	10000
3204J2RS	0.787	20	1.85	47	0.813	20.638	0.397	0.180	4300	19000	2700	12100	10000
3204J2Z	0.787	20	1.85	47	0.813	20.638	0.397	0.180	4300	19000	2700	12100	10000
3205J	0.984	25	2.047	52	0.813	20.638	0.375	0.170	4600	20600	3200	14300	9000
3205J2RS	0.984	25	2.047	52	0.813	20.638	0.375	0.170	4600	20600	3200	14300	9000
3205J2Z	0.984	25	2.047	52	0.813	20.638	0.375	0.170	4600	20600	3200	14300	9000
3206J	1.181	30	2.441	62	0.937	23.812	0.662	0.300	5500	24400	4000	17600	7100
3206J2RS	1.181	30	2.441	62	0.937	23.812	0.662	0.300	5500	24400	4000	17600	7100
3206J2Z	1.181	30	2.441	62	0.937	23.812	0.662	0.300	5500	24400	4000	17600	7100
3207J	1.378	35	2.835	72	1.063	26.988	0.970	0.440	7400	32900	5500	24500	5600
3207J2RS	1.378	35	2.835	72	1.063	26.988	0.970	0.440	7400	32900	5500	24500	5600
3207J2Z	1.378	35	2.835	72	1.063	26.988	0.970	0.440	7400	32900	5500	24500	5600
3208J	1.575	40	3.15	80	1.187	30.162	1.345	0.610	9600	42500	7300	32400	5000
3208J2RS	1.575	40	3.15	80	1.187	30.162	1.345	0.610	9600	42500	7300	32400	5000
3208J2Z	1.575	40	3.15	80	1.187	30.162	1.345	0.610	9600	42500	7300	32400	5000
3209J	1.772	45	3.346	85	1.189	30.200	1.367	0.620	9000	40000	7300	32500	4800
3209J2RS	1.772	45	3.346	85	1.189	30.200	1.455	0.660	9000	40000	7300	32500	4800
3209J2Z	1.772	45	3.346	85	1.189	30.200	1.455	0.660	9000	40000	7300	32500	4800
3210J	1.969	50	3.543	90	1.189	30.200	1.521	0.690	9600	42500	8200	36500	4000
3210J2RS	1.969	50	3.543	90	1.189	30.200	1.610	0.730	9600	42500	8200	36500	4000
3210J2Z	1.969	50	3.543	90	1.189	30.200	1.610	0.730	9600	42500	8200	36500	4000
3211J	2.165	55	3.937	100	1.311	33.300	2.205	1.000	14800	66000	12400	55000	3800
3211J2RS	2.165	55	3.937	100	1.311	33.300	2.205	1.000	14800	66000	12400	55000	3800
3211J2Z	2.165	55	3.937	100	1.311	33.300	2.205	1.000	14800	66000	12400	55000	3800
3212J	2.362	60	4.331	110	1.438	36.513	2.977	1.350	16400	73000	13900	62000	3300
3212J2RS	2.362	60	4.331	110	1.438	36.513	2.977	1.350	16400	73000	13900	62000	3300
3212J2Z	2.362	60	4.331	110	1.438	36.513	2.977	1.350	16400	73000	13900	62000	3300
3302J	0.591	15	1.654	42	0.748	19	0.232	0.105	3200	14200	2000	8800	10000
3302J2RS	0.591	15	1.654	42	0.748	19	0.243	0.110	3200	14200	2000	8800	10000
3302J2Z	0.591	15	1.654	42	0.748	19	0.243	0.110	3200	14200	2000	8800	10000
3303J	0.669	17	1.85	47	0.874	22.200	0.287	0.130	4300	19000	2700	12100	9500
3303J2RS	0.669	17	1.85	47	0.874	22.200	0.309	0.140	4300	19000	2700	12100	9500
3303J2Z	0.669	17	1.85	47	0.874	22.200	0.309	0.140	4300	19000	2700	12100	9500
3304J	0.787	20	2.047	52	0.874	22.200	0.485	0.220	4300	19100	2800	12400	9000



Double Row Angular Contact Ball Bearings

3200 & 3300 SERIES

- Steel cage shown with suffix J
- 25° contact angle
- Available as open, shielded or sealed
- Optional plastic cage without suffix available on request



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

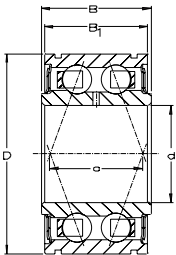
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT inch	SHAFT mm	OD inch	OD mm	WIDTH inch	WIDTH mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT GREASE rpm
3304J2RS	0.787	20	2.047	52	0.874	22.200	0.507	0.230	4300	19100	2800	12400	9000
3304J2Z	0.787	20	2.047	52	0.874	22.200	0.507	0.230	4300	19100	2800	12400	9000
3305J	0.984	25	2.441	62	1	25.400	0.750	0.340	6000	26500	4000	17900	7900
3305J2RS	0.984	25	2.441	62	1	25.400	0.772	0.350	6000	26500	4000	17900	7900
3305J2Z	0.984	25	2.441	62	1	25.400	0.772	0.350	6000	26500	4000	17900	7900
3306J	1.181	30	2.835	72	1.189	30.200	1.235	0.560	7400	33000	5500	24300	6200
3306J2RS	1.181	30	2.835	72	1.189	30.200	1.279	0.580	7400	33000	5500	24300	6200
3306J2Z	1.181	30	2.835	72	1.189	30.200	1.279	0.580	7400	33000	5500	24300	6200
3307J	1.378	35	3.15	80	1.375	34.925	1.654	0.750	10000	44500	7100	31500	5100
3307J2RS	1.378	35	3.15	80	1.375	34.925	1.720	0.780	10000	44500	7100	31500	5100
3307J2Z	1.378	35	3.15	80	1.375	34.925	1.720	0.780	10000	44500	7100	31500	5100
3308J	1.575	40	3.543	90	1.437	36.500	2.227	1.010	11100	49500	8200	36500	4700
3308J2RS	1.575	40	3.543	90	1.437	36.500	2.315	1.050	11100	49500	8200	36500	4700
3308J2Z	1.575	40	3.543	90	1.437	36.500	2.315	1.050	11100	49500	8200	36500	4700
3309J	1.772	45	3.937	100	1.563	39.700	3.131	1.420	14800	66000	11100	49500	4000
3309J2RS	1.772	45	3.937	100	1.563	39.700	3.087	1.400	14800	66000	11100	49500	4000
3309J2Z	1.772	45	3.937	100	1.563	39.700	3.131	1.420	14800	66000	11100	49500	4000
3310J	1.969	50	4.331	110	1.75	44.450	4.234	1.920	17800	79000	13500	60000	3200
3310J2RS	1.969	50	4.331	110	1.75	44.450	4.322	1.960	17800	79000	13500	60000	3200
3310J2Z	1.969	50	4.331	110	1.75	44.450	4.322	1.960	17800	79000	13500	60000	3200

Angular Contact Ball Bearings

G5200 SERIES

- Double row
- Snap ring grooves in outer ring
- Available with seals
- For sheave mounting



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

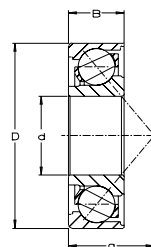
PART NUMBER	SHAFT d inch	SHAFT d mm	OD D inch	OD D mm	WIDTH OUTER B ₁ inch	WIDTH OUTER B ₁ mm	WIDTH INNER B ₁ inch	WIDTH INNER B ₁ mm	WEIGHT lbs	WEIGHT g	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT GREASE rpm
G5205 2RSN	0.984	25	2.047	52	1.102	28	1.181	30	0.0594	27	4850	21600	3350	14900	9000
G5206 2RSN	1.181	30	2.441	62	1.260	32	1.339	34	0.88	400	6700	30000	4800	21400	7100
G5207 2RSN	1.378	35	2.835	72	1.339	34	1.417	36	1.298	590	8900	39500	6500	29000	5600
G5208 2RSN	1.575	40	3.150	80	1.417	36	1.496	38	1.54	700	11200	50000	8400	37500	5000



Angular Contact Ball Bearing

7000, 7200, & 7300 BE SERIES

- Single row
- Available open, gap or contact seals
- Contact angle 40°
- Plastic retainer



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

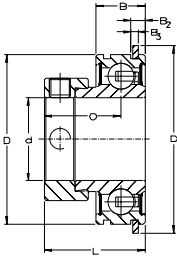
INSERT	SHAFT d inch	SHAFT d mm	OD D inch	OD D mm	WIDTH B inch	WIDTH B mm	OFFSET a inch	OFFSET a mm	WEIGHT lbs	WEIGHT g	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT rpm
7004BE2RS	0.787	20	1.654	42	0.472	12	0.768	19.5	0.154	70	3000	13300	1690	7500	9800
7005BE2RS	0.984	25	1.850	47	0.472	12	0.846	21.5	0.176	80	3350	14800	2090	9300	8000
7005BE2Z	0.984	25	1.850	47	0.472	12	0.846	21.5	0.176	80	3350	14800	2090	9300	11500
7006BE2RS	1.181	30	2.165	55	0.512	13	0.984	25	0.243	110	4150	18400	2750	12300	7000
7007BE2RS	1.378	35	2.441	62	0.551	14	1.102	28	0.309	140	5000	22400	3550	15900	6000
7008BE2RS	1.575	40	2.677	68	0.591	15	1.201	30.5	0.375	170	5800	26000	4200	18700	5600
7200BE	0.394	10	1.181	30	0.354	9	0.535	13.6	0.066	30	1750	7700	850	3680	22000
7200BE2RS	0.394	10	1.181	30	0.354	9	0.535	13.6	0.066	30	1750	7700	850	3680	15000
7200BE2Z	0.394	10	1.181	30	0.354	9	0.535	13.6	0.066	30	1750	7700	850	3680	22000
7201BE	0.472	12	1.260	32	0.394	10	0.591	15	0.088	40	1900	8400	960	4260	19000
7201BE2RS	0.472	12	1.260	32	0.394	10	0.591	15	0.088	40	1900	8400	960	4260	13500
7201BE2Z	0.472	12	1.260	32	0.394	10	0.591	15	0.088	40	1900	8400	960	4260	19000
7202BE	0.591	15	1.378	35	0.433	11	0.642	16.3	0.110	50	2300	10300	1200	5290	17000
7202BE2RS	0.591	15	1.378	35	0.433	11	0.642	16.3	0.110	50	2300	10300	1200	5290	12000
7203BE	0.669	17	1.575	40	0.472	12	0.728	18.5	0.154	70	2800	12500	1500	6700	15000
7203BE2RS	0.669	17	1.575	40	0.472	12	0.728	18.5	0.154	70	2800	12500	1500	6700	10000
7204BE	0.787	20	1.850	47	0.551	14	0.846	21.5	0.221	100	3900	17300	2140	9500	13000
7204BE2RS	0.787	20	1.850	47	0.551	14	0.846	21.5	0.221	100	3900	17300	2140	9500	9000
7204BE2Z	0.787	20	1.850	47	0.551	14	0.846	21.5	0.221	100	3900	17300	2140	9500	13000
7205BE	0.984	25	2.047	52	0.591	15	0.945	24	0.243	110	4450	20200	2650	11900	11000
7205BE2RS	0.984	25	2.047	52	0.591	15	0.945	24	0.243	110	4450	20200	2650	11900	7700
7206BE2RS	1.181	30	2.441	62	0.630	16	1.083	27.5	0.375	170	6200	27500	3800	16800	6300
7207BE	1.378	35	2.835	72	0.669	17	1.260	32	0.550	250	7800	34500	5300	23400	8000
7207BE2RS	1.378	35	2.835	72	0.669	17	1.260	32	0.550	250	7800	34500	5300	23400	5600
7208BE	1.575	40	3.150	80	0.709	18	1.378	35	0.772	350	8700	38500	6000	27000	7200
7208BE2RS	1.575	40	3.150	80	0.709	18	1.378	35	0.772	350	8700	38500	6000	27000	5000
7209BE	1.772	45	3.346	85	0.748	19	1.457	37	0.882	400	10100	45000	7300	32500	6700
7209BE2RS	1.772	45	3.346	85	0.748	19	1.457	37	0.882	400	10100	45000	7300	32500	4600
7210BE2RS	1.969	50	3.543	90	0.787	20	1.575	40	0.926	420	11100	49500	8100	36000	4200
7210BE2Z	1.969	50	3.543	90	0.787	20	1.575	40	0.926	420	11100	49500	8100	36000	6000
7212BE	2.362	60	4.331	110	0.866	22	1.910	48.5	1.742	790	14400	64000	11700	52000	5000
7212BE2RS	2.362	60	4.331	110	0.866	22	1.910	48.5	1.742	790	14400	64000	11700	52000	3500
7214BE2RS	2.756	70	4.921	125	0.945	24	2.087	53	2.337	1060	17000	75000	14300	63300	3000
7302BE	0.591	15	1.654	42	0.512	13	0.748	19	0.176	80	3330	14800	1760	7820	14500
7302BE2RS	0.591	15	1.654	42	0.512	13	0.748	19	0.176	80	3330	14800	1760	7820	10000
7304BE	0.787	20	2.047	52	0.591	15	0.925	23.5	0.309	140	4650	20600	2600	11600	12000
7304BE2RS	0.787	20	2.047	52	0.591	15	0.925	23.5	0.309	140	4650	20600	2600	11600	8400
7305BE2RS	0.984	25	2.441	62	0.669	17	27	27	0.397	180	6500	29000	3800	16800	6700



Radial Insert Ball Bearing

RAE..NPPNR SERIES

- Cylindrical OD
- Eccentric locking collar
- Standard P seals
- 2 snap ring grooves and 1 snap ring



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	D	D	B	B	B ₂	B ₂	B ₃	B ₃
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
RAE 20 NPPNR	-	0.787	20	1.85	47	0.551	14	0.141	3.580	0.044	1.120
RAE 25 NPPNR	-	0.984	25	2.047	52	0.591	15	0.141	3.580	0.044	1.120
RAE 30 NPPNR	-	1.181	30	2.441	62	0.709	18	0.196	4.980	0.067	1.700
RAE 35 NPPNR	-	1.378	35	2.835	72	0.748	19	0.196	4.980	0.067	1.700

CONTINUED FROM ABOVE

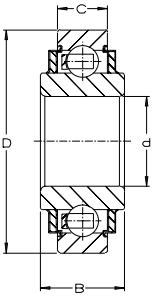
PART NUMBER	O	O	L	L	WGT.	WGT.	DYN. CAP.	DYN. CAP.	STAT. CAP.	STAT. CAP.
	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N
RAE 20 NPPNR	0.925	23.500	1.221	31	0.35	0.16	2900	12800	1480	6600
RAE 25 NPPNR	0.925	23.500	1.221	31	0.55	0.25	3150	14000	1760	7800
RAE 30 NPPNR	1.051	26.700	1.406	35.700	0.68	0.31	4350	19500	2550	11300
RAE 35 NPPNR	1.158	29.400	1.532	38.900	1.06	0.48	5800	25500	3450	15300



Radial Ball Bearing

200 KRR SERIES

- Cylindrical OD
- Inner ring extended both sides
- Standard R seal
- Cylindrical bore per 6200 Series tolerance



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales .

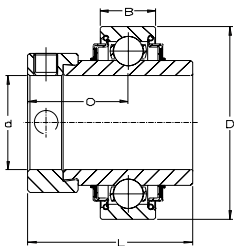
PART NUMBER	SHAFT d inch	SHAFT d mm	OD D inch	OD D mm	OUTER WIDTH C inch	OUTER WIDTH C mm	INNER WIDTH B inch	INNER WIDTH B mm	WGT. lbs	WGT. kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT rpm
202 KRR	0.591	15	1.378	35	0.394	11	0.567	14.400	0.11	0.05	1710	7600	830	3700	14600
203 KRR	0.669	17	1.575	40	0.472	12	0.720	18.300	0.154	0.07	2150	9600	1070	4750	13000
204 KRR	0.787	20	1.850	47	0.551	14	0.697	17.700	0.265	0.12	2900	12800	1480	6600	11000
205 KRR	0.984	25	2.047	52	0.591	15	0.657	16.700	0.353	0.16	3150	14000	1750	7800	8800
206 KRR	1.811	30	2.441	62	0.630	16	0.772	19.600	0.529	0.24	4350	19500	2550	11300	7300
208 KRR	1.575	40	3.15	80	0.709	18	0.807	20.500	0.97	0.44	7300	32500	4450	19800	5500
209 KRR	1.772	45	3.346	85	0.748	19	1.039	26.400	1.169	0.53	7300	32500	4600	20400	4900
210 KRR	1.969	50	3.543	90	0.787	20	0.945	24	1.279	0.58	7900	35000	5200	23200	4400
212 KRR	2.362	60	4.331	110	0.866	22	1.181	30	2.426	1.1	11800	52000	8100	36000	3700



Radial Insert Ball Bearing

E..KLLH SERIES

- Cylindrical OD
- Eccentric locking collar
- Labyrinth seal
- Extended inner ring both sides



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

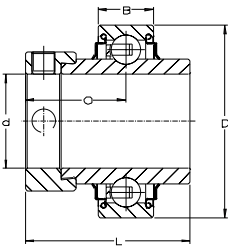
INSERT	SHAFT d	SHAFT d	SHAFT d	D	D	B	B	O	O	L	L	WGT.	WGT.	DYN. CAP.	DYN. CAP.	STAT. CAP.	STAT. CAP.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N
E20 KLLH	-	0.787	20	1.850	47	0.551	14	1.047	26.6	1.720	43.700	0.44	0.2	2900	12800	1480	6600
E25 KLLH	-	0.984	25	2.047	52	0.591	15	1.059	26.9	1.748	44.400	0.55	0.25	3150	14000	1760	7800
E30 KLLH	-	1.181	30	2.441	62	0.709	18	1.185	30.1	1.906	48.400	0.84	0.38	4350	19500	2550	11300
E35 KLLH	-	1.378	35	2.835	72	0.748	19	1.272	32.3	2.012	51.100	1.21	0.55	5800	25500	3450	15300
E40 KLLH	-	1.575	40	3.150	80	0.827	21	1.374	34.9	2.217	56.300	1.63	0.74	7300	32500	4450	19800
E45 KLLH		1.772	45	3.346	85	0.866	22	1.374	34.9	2.217	56.300	1.79	0.81	7300	32500	4590	20400
E50 KLLH		1.969	50	3.543	90	0.866	22	1.500	38.1	2.469	62.700	2.21	1	7900	35000	5200	23200



Radial Insert Ball Bearings

E..KRR SERIES

- Cylindrical OD
- Eccentric locking collar
- Standard R seals



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

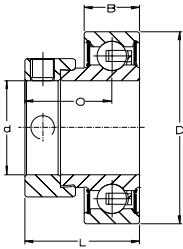
INSERT	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N
E20 KRR	-	0.787	20	1.850	47	0.551	14	1.047	26.6	1.720	43.7	0.44	0.2	2900	12800	1480	6600
E25 KRR	-	0.984	25	2.047	52	0.591	15	1.059	26.9	1.748	44.4	0.55	0.25	3150	14000	1760	7800
E30 KRR	-	1.181	30	2.441	62	0.709	18	1.185	30.1	1.906	48.4	0.84	0.38	4350	19500	2550	11300
E45 KRR	-	1.772	45	3.346	85	0.866	22	1.374	34.9	2.217	56.3	1.79	0.81	7300	32500	4590	20400
E50 KRR	-	1.969	50	3.543	90	0.866	22	1.500	38.1	2.469	62.7	2.21	1	7900	35000	5200	23200
E60 KRR	-	2.362	60	4.331	110	0.945	24	1.843	46.8	3.063	77.8	4.06	1.84	11800	52000	8100	36000



Radial Insert Ball Bearing

RAE..NPPFA 106 SERIES

- Cylindrical OD
- Economy P seal
- Noise tested
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

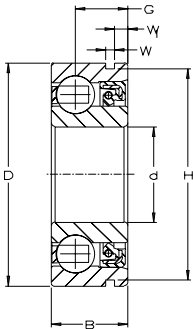
INSERT	SHAFT d	SHAFT d	SHAFT d	D	D	B	B	O	O	L	L	WGT.	WGT.	DYN. CAP.	DYN. CAP.	STAT. CAP.	STAT. CAP.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N
RAE 20 NPPFA106	-	0.787	20	1.850	47	0.551	14	0.925	23.5	1.220	31	0.35	0.16	2900	12800	1480	6600
RAE 25 NPPFA106	-	0.984	25	2.047	52	0.591	15	0.925	23.5	1.220	31	0.42	0.19	3150	14000	1760	7800
RAE 30 NPPFA106	-	1.181	30	2.441	62	0.709	18	1.051	26.7	1.406	35.7	0.68	0.31	4350	19500	2550	11300
RAE 35 NPPFA106	-	1.378	35	2.835	72	0.748	19	1.157	29.4	1.531	38.9	1.06	0.48	5800	25500	3450	15300
RAE 40 NPPFA106	-	1.575	40	3.150	80	0.827	21	1.287	32.7	1.720	43.7	1.37	0.62	7300	32500	4450	19800
RAE 45 NPPFA106	-	1.772	45	3.346	85	0.866	22	1.287	32.7	1.720	43.7	1.52	0.69	7300	32500	4600	20400
RAE 50 NPPFA106	-	1.969	50	3.543	90	0.866	22	1.287	32.7	1.720	43.7	1.70	0.77	7900	35000	5200	23200



Radial Ball Bearings with Special Seals

200 KXN4 SERIES

- Spring-loaded rotary shaft seal
- Seal can withstand a pressure of 0.5 bar
- Snap ring groove to DIN5417



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales .

PART NUMBER	SHAFT d inch	SHAFT d mm	OD D inch	OD D mm	B inch	B mm	G inch	G mm	W inch	W mm
202 KXN4	0.591	15	1.378	35	0.433	11	0.315	8	0.081	2.06
203 KXN4	0.669	17	1.575	40	0.512	13	0.335	8.50	0.081	2.06
204 KXN4	0.787	20	1.850	47	0.591	15	0.374	9.50	0.097	2.46
205 KXN4	0.984	25	2.047	52	0.591	15	0.374	9.50	0.097	2.46
206 KXN4	1.181	30	2.441	62	0.669	17	0.413	10.50	0.129	3.28
207 KXN4	1.378	35	2.835	72	0.748	19	0.472	12	0.129	3.28
208 KXN4	1.575	40	3.150	80	0.787	20	0.472	12	0.129	3.28

CONTINUED FROM ABOVE

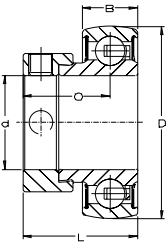
PART NUMBER	W ₁ inch	W ₁ mm	WGT. inch	WGT. mm	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT rpm
202 KXN4	0.053	1.35	0.110	0.05	1710	7600	830	3700	4000
203 KXN4	0.053	1.35	0.154	0.07	2150	9600	1070	4750	3800
204 KXN4	0.053	1.35	0.397	0.18	2900	12800	1480	6600	3600
205 KXN4	0.053	1.35	0.309	0.14	3150	14000	1750	7800	3400
206 KXN4	0.075	1.90	0.507	0.23	4350	19500	2550	11300	3200
207 KXN4	0.075	1.90	0.750	0.34	5800	25500	3450	15300	2900
208 KXN4	0.075	1.90	0.882	0.40	7300	32500	4450	19800	2600



Radial Insert Ball Bearings

RAE..NPPB SERIES

- Spherical OD
- Eccentric locking collar
- Economy P seals
- Inch and metric setscrews
- Without relubrication holes in outer ring



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

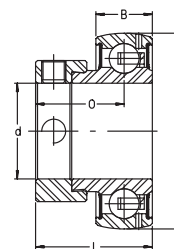
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	D	D	B	B	O	O	L	L	WGT.	WGT.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N
RAE12 NPPB	-	0.472	12	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.265	0.12	2150	9600	1070	4750
RAE 15 NPPB	-	0.591	15	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.265	0.12	2150	9600	1070	4750
RAE 17 NPPB	-	0.669	17	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.375	0.17	2150	9600	1070	4750
RAE 20 NPPB	-	0.787	20	1.850	47	0.551	14	0.925	23.5	1.221	31	0.353	0.16	2900	12800	1480	6600
RAE 25 NPPB	-	0.984	25	2.047	52	0.591	15	0.925	23.5	1.221	31	0.419	0.19	3150	14000	1760	7800
RAE 30 NPPB	-	1.181	30	2.441	62	0.709	18	1.051	26.7	1.406	35.7	0.684	0.31	4350	19500	2550	11300
RAE 35 NPPB	-	1.378	35	2.835	72	0.748	19	1.158	29.4	1.532	38.9	1.058	0.48	5800	25500	3450	15300
RAE 40 NPPB	-	1.575	40	3.150	80	0.827	21	1.287	32.7	1.721	43.7	1.367	0.62	7300	32500	4450	19800



Radial Insert Ball Bearings

GRAE..NPPB, GRA..NPPB SERIES

- Spherical OD
- Eccentric locking collar
- Economy P seals
- Inch and metric setscrews



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

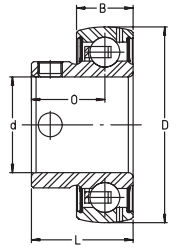
PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
GRAE12 NPPB	-	0.472	12	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.265	0.12	2150	9600	1070	4750
GRA 008 NPPB	1/2	0.500	12.700	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.265	0.12	2150	9600	1070	4750
GRAE 15 NPPB	-	0.590	15	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.265	0.12	2150	9600	1070	4750
GRA 010 NPPB	5/8	0.625	15.875	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.265	0.12	2150	9600	1070	4750
GRAE 17 NPPB	-	0.669	17	1.575	40	0.472	12	0.870	22.1	1.126	28.6	0.375	0.17	2150	9600	1070	4750
GRA 012 NPPB	3/4	0.750	19.050	1.850	47	0.551	14	0.925	23.5	1.221	31	0.353	0.16	2900	12800	1480	6600
GRAE 20 NPPB	-	0.787	20	1.850	47	0.551	14	0.925	23.5	1.221	31	0.353	0.16	2900	12800	1480	6600
GRA 014 NPPB	7/8	0.875	22.225	2.047	52	0.591	15	0.925	23.5	1.221	31	0.419	0.19	3150	14000	1760	7800
GRAE 25 NPPB	-	0.984	25	2.047	52	0.591	15	0.925	23.5	1.221	31	0.419	0.19	3150	14000	1760	7800
GRA 100 NPPB	1	1	25.400	2.047	52	0.591	15	0.925	23.5	1.221	31	0.419	0.19	3150	14000	1760	7800
GRA 101 NPPB	1-1/16	1.062	26.988	2.441	62	0.709	18	1.051	26.7	1.406	35.7	0.684	0.31	4350	19500	2550	11300
GRA 102 NPPB	1-1/8	1.125	28.575	2.441	62	0.709	18	1.051	26.7	1.406	35.7	0.684	0.31	4350	19500	2550	11300
GRAE 30 NPPB	-	1.181	30	2.441	62	0.709	18	1.051	26.7	1.406	35.7	0.684	0.31	4350	19500	2550	11300
GRA 103 NPPB	1-3/16	1.187	30.162	2.441	62	0.709	18	1.051	26.7	1.406	35.7	0.684	0.31	4350	19500	2550	11300
GRA 104 NPPB-206	1-1/4	1.250	31.750	2.441	62	0.709	18	1.051	26.7	1.406	35.7	0.684	0.31	4350	19500	2550	11300
GRA 104 NPPB	1-1/4	1.250	31.750	2.835	72	0.748	19	1.158	29.4	1.532	38.9	1.058	0.48	5800	25500	3450	15300
GRA 106 NPPB	1-3/8	1.375	34.925	2.835	72	0.748	19	1.158	29.4	1.532	38.9	1.058	0.48	5800	25500	3450	15300
GRAE 35 NPPB	-	1.378	35	2.835	72	0.748	19	1.158	29.4	1.532	38.9	1.058	0.48	5800	25500	3450	15300
GRA 107 NPPB	1-7/16	1.437	36.512	2.835	72	0.748	19	1.158	29.4	1.532	38.9	1.058	0.48	5800	25500	3450	15300
GRA 108 NPPB	1-1/2	1.500	38.100	3.150	80	0.827	21	1.287	32.7	1.721	43.7	1.367	0.62	7300	32500	4450	19800
GRAE 40 NPPB	-	1.574	40	3.150	80	0.827	21	1.287	32.7	1.721	43.7	1.367	0.62	7300	32500	4450	19800
GRA 112 NPPB	1-3/4	1.750	44.450	3.347	85	0.866	22	1.287	32.7	1.721	43.7	1.521	0.69	7400	32500	4600	20400
GRAE 45 NPPB	-	1.771	45	3.347	85	0.866	22	1.287	32.7	1.721	43.7	1.521	0.69	7400	32500	4600	20400
GRA 115 NPPB	1-15/16	1.937	49.212	3.543	90	0.866	22	1.287	32.7	1.721	43.7	1.698	0.77	7900	35000	5200	23200
GRAE 50 NPPB	-	1.968	50	3.543	90	0.866	22	1.287	32.7	1.721	43.7	1.698	0.77	7900	35000	5200	23200
GRA 200 NPPB	2	2.000	50.800	3.937	100	0.984	25	1.433	36.4	1.906	48.4	1.786	0.81	9800	43500	6600	29000
GRAE55 NPPB	-	2.165	55	3.937	100	0.945	24	1.433	36.4	1.906	48.4	1.786	0.81	9800	43500	6600	29000
GRA 203 NPPB	2-3/16	2.187	55.562	3.937	100	0.984	25	1.433	36.4	1.906	48.4	1.786	0.81	9800	43500	6600	29000
GRAE 60 NPPB	-	2.362	60	4.331	110	0.945	24	1.559	39.6	2.091	53.1	3.087	1.4	11800	52000	8100	36000
GRA 207 NPPB	2-7/16	2.437	61.912	4.331	110	0.945	24	1.559	39.6	2.091	53.1	3.087	1.4	11800	52000	8100	36000



Radial Insert Ball Bearings

GAY..NPPB SERIES

- Spherical OD
- Set screw locking
- Economy P seals
- Inch and metric setscrews



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

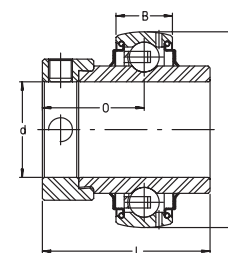
PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
GAY008 NPPB	1/2	0.500	12.7	1.575	40	0.472	12	0.630	16	0.866	22	0.221	0.10	2150	9600	1070	4750
GAY15 NPPB	15	0.591	15	1.575	40	0.472	12	0.630	16	0.866	22	0.198	0.09	2150	9600	1070	4750
GAY010 NPPB	5/8	0.625	15.9	1.575	40	0.472	12	0.630	16	0.866	22	0.198	0.09	2150	9600	1070	4750
GAY17 NPPB	17	0.669	17	1.575	40	0.472	12	0.630	16	0.866	22	0.176	0.08	2150	9600	1070	4750
GAY012 NPPB	3/4	0.750	19.1	1.850	47	0.551	14	0.709	18	0.984	25	0.287	0.13	2900	12800	1480	6600
GAY20 NPPB	20	0.787	20	1.850	47	0.551	14	0.709	18	0.984	25	0.287	0.13	2900	12800	1480	6600
GAY014 NPPB	7/8	0.875	22.2	2.047	52	0.591	15	0.768	19.5	1.063	27	0.353	0.16	3150	14000	1760	7800
GAY25 NPPB	25	0.984	25	2.047	52	0.591	15	0.768	19.5	1.063	27	0.353	0.16	3150	14000	1760	7800
GAY100 NPPB	1	1	25.4	2.047	52	0.591	15	0.768	19.5	1.063	27	0.353	0.16	3150	14000	1760	7800
GAY30 NPPB	30	1.181	30	2.441	62	0.709	18	0.827	21	1.181	30	0.551	0.25	4350	19500	2550	11300
GAY103 NPPB	1-3/16	1.188	30.2	2.441	62	0.709	18	0.827	21	1.181	30	0.551	0.25	4350	19500	2550	11300
GAY104 NPPB	1-1/4	1.250	31.8	2.835	72	0.748	19	1.004	25.5	1.378	35	0.860	0.39	5800	25500	3450	15300
GAY35 NPPB	35	1.378	35	2.835	72	0.748	19	1.004	25.5	1.378	35	0.860	0.39	5800	25500	3450	15300
GAY107 NPPB	1-7/16	1.438	36.5	2.835	72	0.748	19	1.004	25.5	1.378	35	0.860	0.39	5800	25500	3450	15300
GAY108 NPPB	1-1/2	1.500	38.1	3.150	80	0.827	21	1.142	29	1.555	39.5	1.125	0.51	7300	32500	4450	19800
GAY40 NPPB	40	1.575	40	3.150	80	0.827	21	1.142	29	1.555	39.5	1.125	0.51	7300	32500	4450	19800
GAY112 NPPB	1-3/4	1.750	44.5	3.347	85	0.866	22	1.201	30.5	1.634	41.5	1.213	0.55	7400	32500	4600	20400
GAY45 NPPB	45	1.772	45	3.347	85	0.866	22	1.201	30.5	1.634	41.5	1.213	0.55	7400	32500	4600	20400
GAY115 NPPB	1-15/16	1.938	49.2	3.543	90	0.866	22	1.260	32	1.693	43	1.367	0.62	7900	35000	5200	23200
GAY50 NPPB	50	1.969	50	3.543	90	0.866	22	1.260	32	1.693	43	1.367	0.62	7900	35000	5200	23200



Radial Insert Ball Bearings

GE..KRRB, G1..KRRB SERIES

- Spherical OD
- Eccentric locking collar
- Standard R seals
- Inch and metric setscrews



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

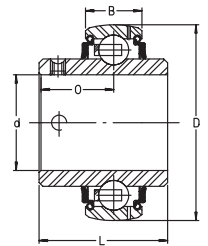
PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
G1008 KRRB	1/2	0.500	12.7	1.575	40	0.472	12	0.921	23.4	1.469	37.3	0.375	0.17	2150	9600	1070	4750
GE15 KRRB	-	0.591	15	1.575	40	0.472	12	0.921	23.4	1.469	37.3	0.353	0.16	2150	9600	1070	4750
G1010 KRRB	5/8	0.625	15.9	1.575	40	0.472	12	0.921	23.4	1.469	37.3	0.353	0.16	2150	9600	1070	4750
GE17 KRRB	3/4	0.750	19.1	1.850	47	0.551	14	0.921	23.4	1.469	37.3	0.353	0.16	2150	9600	1070	4750
GE20 KRRB	-	0.787	20	1.850	47	0.551	14	1.047	26.6	1.721	43.7	0.441	0.20	2900	12800	1480	6600
G1014 KRRB	7/8	0.875	22.2	2.047	52	0.591	15	1.059	26.9	1.748	44.4	0.551	0.25	3150	14000	1760	7800
G1015 KRRB	15/16	0.938	23.8	2.047	52	0.591	15	1.059	26.9	1.748	44.4	0.551	0.25	3150	14000	1760	7800
GE25 KRRB	-	0.984	25	2.047	52	0.591	15	1.059	26.9	1.748	44.4	0.551	0.25	3150	14000	1760	7800
G1100 KRRB	1	1	25.4	2.047	52	0.591	15	1.059	26.9	1.748	44.4	0.551	0.25	3150	14000	1760	7800
G1102 KRRB	1-1/8	1.125	28.6	2.441	62	0.709	18	1.185	30.1	1.906	48.4	0.838	0.38	4350	19500	2550	11300
GE30 KRRB	-	1.181	30	2.441	62	0.709	18	1.185	30.1	1.906	48.4	0.838	0.38	4350	19500	2550	11300
G1103 KRRB	1-3/16	1.188	30.2	2.441	62	0.709	18	1.185	30.1	1.906	48.4	0.838	0.38	4350	19500	2550	11300
G1104 KRRB	1-1/4	1.250	31.8	2.835	72	0.748	19	1.272	32.3	2.012	51.1	1.213	0.55	5800	25500	3450	15300
G1106 KRRB	1-3/8	1.375	34.9	2.835	72	0.748	19	1.272	32.3	2.012	51.1	1.213	0.55	5800	25500	3450	15300
GE35 KRRB	-	1.378	35	2.835	72	0.748	19	1.272	32.3	2.012	51.1	1.213	0.55	5800	25500	3450	15300
G1107 KRRB	1-7/16	1.438	36.5	2.835	72	0.748	19	1.272	32.3	2.012	51.1	1.213	0.55	5800	25500	3450	15300
G1108 KRRB	1-1/2	1.500	38.1	3.150	80	0.827	21	1.374	34.9	2.217	56.3	1.632	0.74	7300	32500	4450	19800
GE40 KRRB	-	1.575	40	3.150	80	0.827	21	1.374	34.9	2.217	56.3	1.632	0.74	7300	32500	4450	19800
G1110 KRRB	1-5/8	1.625	41.3	3.347	85	0.866	22	1.374	34.9	2.217	56.3	1.786	0.81	7400	32500	4600	20400
G1111 KRRB	1-11/16	1.688	42.9	3.347	85	0.866	22	1.374	34.9	2.217	56.3	1.786	0.81	7400	32500	4600	20400
G1112 KRRB	1-3/4	1.750	44.5	3.347	85	0.866	22	1.374	34.9	2.217	56.3	1.786	0.81	7400	32500	4600	20400
GE45 KRRB	-	1.772	45	3.347	85	0.866	22	1.374	34.9	2.217	56.3	1.786	0.81	7400	32500	4600	20400
G1115 KRRB	1-15/16	1.938	49.2	3.543	90	0.866	22	1.500	38.1	2.469	62.7	2.205	1.00	7900	35000	5200	23200
GE50 KRRB	-	1.969	50	3.543	90	0.866	22	1.500	38.1	2.469	62.7	2.205	1.00	7900	35000	5200	23200
G1200 KRRB	2	2	50.8	3.937	100	0.984	25	1.717	43.6	2.811	71.4	3.087	1.40	9800	43500	6600	29000
GE55 KRRB	-	2.165	55	3.937	100	0.984	25	1.719	43.7	2.811	71.4	3.130	1.42	9800	43500	6600	29000
G1203 KRRB	2-3/16	2.188	55.6	3.937	100	0.984	25	1.717	43.6	2.811	71.4	3.131	1.42	9800	43500	6600	29000
GE60 KRRB	-	2.362	60	4.331	110	0.945	24	1.843	46.8	3.063	77.8	4.057	1.84	11800	52000	8100	36000
G1207 KRRB	2-7/16	2.438	61.9	4.331	110	0.945	24	1.843	46.8	3.063	77.8	4.057	1.84	11800	52000	8100	36000
GE65 KRRB	-	2.559	65	4.921	125	1.102	28	1.756	44.6	2.602	66.1	5.980	2.71	13950	62000	9900	44000
GE70 KRRB	-	2.756	70	4.921	125	1.102	28	1.756	44.6	2.602	66.1	5.400	2.45	13950	62000	9900	44000
GE75 KRRB	-	2.953	75	5.118	130	1.102	28	1.795	45.6	2.642	67.1	5.840	2.65	13950	62000	10000	44500
GE80 KRRB	-	3.150	80	5.512	140	1.181	30	1.874	47.6	2.795	71	6.500	2.95	16200	72000	12150	54000



Radial Insert Ball Bearings

GYE..KRRB, GY1..KRRB SERIES

- Spherical OD
- Eccentric locking collar
- Standard R seals
- Inch and metric setscrews



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

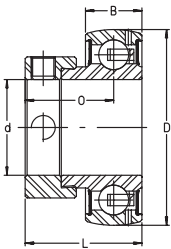
PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
GY1008 KRRB	1/2	0.500	12.7	1.575	40	0.472	12	0.626	15.9	1.079	27.4	0.243	0.11	2150	9600	1070	4750
GYE15 KRRB	-	0.591	15	1.575	40	0.472	12	0.626	15.9	1.079	27.4	0.243	0.11	2150	9600	1070	4750
GY1010 KRRB	5/8	0.625	15.9	1.575	40	0.472	12	0.626	15.9	1.079	27.4	0.221	0.10	2150	9600	1070	4750
GYE17 KRRB	-	0.669	17	1.575	40	0.472	12	0.626	15.9	1.079	27.4	0.198	0.09	2150	9600	1070	4750
GY1012 KRRB	3/4	0.750	19.05	1.850	47	0.551	14	0.721	18.3	1.221	31	0.375	0.17	2900	12800	1480	6600
GYE20 KRRB	-	0.787	20	1.850	47	0.551	14	0.721	18.3	1.221	31	0.375	0.17	2900	12800	1480	6600
GY1014 KRRB	7/8	0.875	22.22	2.047	52	0.591	15	0.780	19.8	1.343	34.1	0.441	0.20	3150	14000	1760	7800
GY1015 KRRB	15/16	0.938	23.8	2.047	52	0.591	15	0.780	19.8	1.343	34.1	0.419	0.19	3150	14000	1760	7800
GYE25 KRRB	-	0.984	25	2.047	52	0.591	15	0.780	19.8	1.343	34.1	0.441	0.20	3150	14000	1760	7800
GY1100 KRRB	1	1	25.4	2.047	52	0.591	15	0.780	19.8	1.343	34.1	0.441	0.20	3150	14000	1760	7800
GY1102 KRRB	1-1/8	1.125	28.6	2.441	62	0.709	18	0.874	22.2	1.500	38.1	0.728	0.33	4350	19500	2550	11300
GYE30 KRRB	-	1.181	30	2.441	62	0.709	18	0.874	22.2	1.500	38.1	0.728	0.33	4350	19500	2550	11300
GY1103 KRRB	1-3/16	1.188	30.2	2.441	62	0.709	18	0.874	22.2	1.500	38.1	0.728	0.33	4350	19500	2550	11300
GY1104 KRRB-206	1-1/4	1.250	31.8	2.441	62	0.709	18	0.874	22.2	1.500	38.1	0.728	0.33	4350	19500	2550	11300
GY1104 KRRB	1-1/4	1.250	31.8	2.835	72	0.748	19	1.000	25.4	1.689	42.9	1.080	0.49	5800	25500	3450	15300
GY1106 KRRB	1-3/8	1.375	34.9	2.835	72	0.748	19	1.000	25.4	1.689	42.9	1.080	0.49	5800	25500	3450	15300
GYE35 KRRB	-	1.378	35	2.835	72	0.748	19	1.000	25.4	1.689	42.9	1.080	0.49	5800	25500	3450	15300
GY1107 KRRB	1-7/16	1.438	36.5	2.835	72	0.748	19	1.000	25.4	1.689	42.9	0.948	0.43	5800	25500	3450	15300
GY1108 KRRB	1-1/2	1.500	38.1	3.150	80	0.827	21	1.189	30.2	1.937	49.2	1.433	0.65	7300	32500	4450	19800
GYE40 KRRB	-	1.575	40	3.150	80	0.827	21	1.189	30.2	1.937	49.2	1.433	0.65	7300	32500	4450	19800
GY1110 KRRB	1-5/8	1.625	41.3	3.347	85	0.866	22	1.189	30.2	1.937	49.2	1.610	0.73	7400	32500	4600	20400
GY1111 KRRB	1-11/16	1.688	42.9	3.347	85	0.866	22	1.189	30.2	1.937	49.2	1.610	0.73	7400	32500	4600	20400
GY1112 KRRB	1-3/4	1.750	44.5	3.347	85	0.866	22	1.189	30.2	1.937	49.2	1.544	0.70	7400	32500	4600	20400
GYE45 KRRB	-	1.772	45	3.347	85	0.866	22	1.189	30.2	1.937	49.2	1.544	0.70	7400	32500	4600	20400
GY1115 KRRB	1-15/16	1.938	49.2	3.543	90	0.866	22	1.284	32.6	2.032	51.6	1.764	0.80	7900	35000	5200	23200
GYE50 KRRB	-	1.969	50	3.543	90	0.866	22	1.284	32.6	2.032	51.6	1.764	0.80	7900	35000	5200	23200
GY1200 KRRB	2	2	50.8	3.937	100	0.984	25	1.315	33.4	2.189	55.6	2.426	1.10	9800	43500	6600	29000
GYE55 KRRB	-	2.165	55	3.937	100	0.984	25	1.315	33.4	2.189	55.6	2.430	1.10	9800	43500	6600	29000
GY1203 KRRB	2-3/16	2.188	55.6	3.937	100	0.984	25	1.315	33.4	2.189	55.6	2.426	1.10	9800	43500	6600	29000
GYE60 KRRB	-	2.362	60	4.331	110	0.945	24	1.563	39.7	2.563	65.1	2.911	1.32	11800	52000	8100	36000
GY1207 KRRB	2-7/16	2.438	61.9	4.331	110	0.945	24	1.563	39.7	2.563	65.1	2.911	1.32	11800	52000	8100	36000
GYE65 KRRB	-	2.559	65	4.921	125	1.102	28	1.748	44.4	2.937	74.6	4.960	2.25	13950	62000	9900	44000
GYE70 KRRB	-	2.756	70	4.921	125	1.102	28	1.748	44.4	2.937	74.6	4.300	1.95	13950	62000	9900	44000
GYE75 KRRB	-	2.953	75	5.118	130	1.102	28	1.752	44.5	3.063	77.8	4.830	2.19	13950	62000	10000	44500
GYE80 KRRB	-	3.150	80	5.512	140	1.181	30	1.941	49.3	3.252	82.6	6.460	2.93	16200	72000	12150	54000
GYE90 KRRB	-	3.543	90	6.299	160	1.260	32	2.217	56.3	3.780	96	9.260	4.20	21600	96000	16200	72000



Radial Insert Ball Bearings

RALE SERIES

- Metric series
- Economy P seals
- Eccentric locking collar
- Light series - based on 6000 Series



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales .

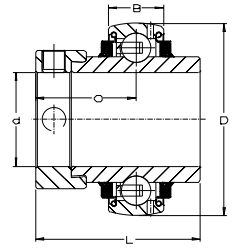
INSERT	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N
RALE20NPPB	-	0.787	20	1.654	42	0.472	12	0.732	18.6	0.969	24.6	0.198	0.09	2100	9400	1125	5000
RALE25NPPB	-	0.984	25	1.850	47	0.472	12	0.764	19.4	1.000	25.4	0.265	0.12	2275	10100	1325	5900
RALE30NPPB	-	1.181	30	2.165	55	0.512	13	0.787	20	1.043	26.5	0.375	0.17	2970	13200	1870	8300



Radial Insert Ball Bearing

GE..KPPB-3 SERIES

- Tri-ply lip seal
- Lower speeds due to higher friction
- For heavily contaminated conditions
- Spherical OD
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

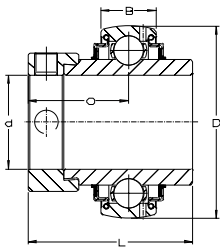
INSERT	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N
GE20KPPB-3	-	0.787	20	1.850	47	0.551	14	1.047	26.6	1.720	43.7	0.44	0.2	2900	12800	1480	6600
GE25KPPB-3	-	0.984	25	2.047	52	0.591	15	1.059	26.9	1.748	44.4	0.55	0.25	3150	14000	1760	7800
GE30KPPB-3	-	1.181	30	2.441	62	0.709	18	1.185	30.1	1.906	48.4	0.86	0.39	4350	19500	2550	11300
GE35KPPB-3	-	1.378	35	2.835	72	0.748	19	1.272	32.3	2.012	51.1	1.23	0.56	5800	25500	3450	15300
GE40KPPB-3	-	1.575	40	3.150	80	0.827	21	1.374	34.9	2.217	56.3	1.70	0.77	7300	32500	4450	19800
GE45KPPB-3	-	1.772	45	3.346	85	0.866	22	1.374	34.9	2.217	56.3	1.90	0.86	7300	32500	4450	20400
GE50KPPB-3	-	1.969	50	3.543	90	0.866	22	1.500	38.1	2.469	62.7	2.34	1.06	7900	35000	5200	23200
GE55KPPB-3	-	2.165	55	3.937	100	0.984	25	1.719	43.7	2.811	71.4	3.13	1.42	9800	43500	6600	29000
GE60KPPB-3	-	2.362	60	4.331	110	0.945	24	1.843	46.8	3.063	77.8	4.06	1.84	11800	52000	8100	36000
GE65KPPB-3	-	2.559	65	4.921	125	1.102	28	1.756	44.6	2.602	66.1	5.98	2.71	13950	62000	9900	44000
GE70KPPB-3	-	2.756	70	4.921	125	1.102	28	1.756	44.6	2.602	66.1	5.40	2.45	13950	62000	9900	44000
GE75KPPB-3	-	2.953	75	5.118	130	1.102	28	1.795	45.6	2.642	67.1	5.84	2.65	13950	62000	10000	44500
GE80KPPB-3	-	3.150	80	5.512	140	1.181	30	1.874	47.6	2.795	71	6.50	2.95	16200	72000	12150	54000



Radial Insert Ball Bearing

GE..KLLHB SERIES

- Non-contact labyrinth seal
- Steel cage
- Suitable for higher temperatures
- Eccentric locking collar
- Spherical OD



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales .

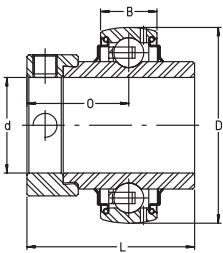
INSERT	SHAFT d	SHAFT d	SHAFT d	D	D	B	B	O	O	L	L	WGT.	WGT.	DYN. CAP.	DYN. CAP.	STAT. CAP.	STAT. CAP.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N
GE20 KLLHB	-	0.787	20	1.850	47	0.551	14	1.047	26.6	1.721	43.7	0.441	0.20	2900	12800	1480	6600
GE25 KLLHB	-	0.984	25	2.047	52	0.591	15	1.059	26.9	1.748	44.4	0.551	0.25	3150	14000	1760	7800
GE30 KLLHB	-	1.181	30	2.441	62	0.709	18	1.185	30.1	1.906	48.4	0.838	0.38	4350	19500	2550	11300
GE35 KLLHB	-	1.378	35	2.835	72	0.748	19	1.272	32.3	2.012	51.1	1.213	0.55	5800	25500	3450	15300
GE40 KLLHB	-	1.575	40	3.150	80	0.827	21	1.374	34.9	2.217	56.3	1.632	0.74	7300	32500	4450	19800
GE45 KLLHB	-	1.772	45	3.347	85	0.866	22	1.374	34.9	2.217	56.3	1.786	0.81	7400	32500	4600	20400
GE50 KLLHB	-	1.969	50	3.543	90	0.866	22	1.500	38.1	2.469	62.7	2.205	1.00	7900	35000	5200	23200



Radial Insert Ball Bearing

GNE..KRRB SERIES

- Spherical OD
- Eccentric locking collar
- Standard R seal
- Heavy series insert - based on 6300 Series



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

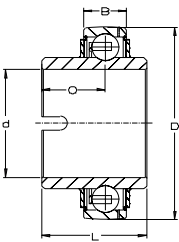
INSERT	SHAFT d	SHAFT d	SHAFT d	D	D	B	B	O	O	L	L	WGT.	WGT.	DYN. CAP.	DYN. CAP.	STAT. CAP.	STAT. CAP.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N
GNE30 KRRB	-	1.181	30	2.835	72	0.787	20	1.280	32.500	1.969	50	1.19	0.54	6700	29500	3750	16700
GNE35 KRRB	-	1.378	35	3.150	80	0.866	22	1.311	33.300	2.031	51.600	1.61	0.73	8200	36500	4700	20900
GNE40 KRRB	-	1.575	40	3.543	90	0.906	23	1.441	36.600	2.150	54.600	2.40	1.09	10000	44500	5800	26000
GNE50 KRRB	-	1.969	50	4.331	110	1.142	29	1.657	42.100	2.626	66.700	4.12	1.87	13900	62000	8500	38000
GNE60 KRRB	-	2.362	60	5.118	130	1.299	33	1.787	45.400	2.693	68.400	6.55	2.97	18400	82000	11700	52000
GNE70 KRRB	-	2.756	70	5.906	150	1.457	37	1.945	49.400	2.969	75.400	9.64	4.37	23400	104000	15300	68000



Radial Insert Ball Bearing

GLE..KRRB SERIES

- Non-locating bearing to compensate for shaft expansion
- Used with mating drive pin radially located in shaft
- C4 radial internal clearance
- Spherical OD



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales .

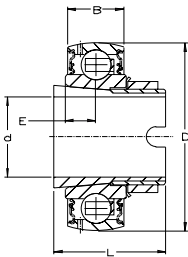
INSERT	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	O inch	O mm	L inch	L mm	WGT. lbs	WGT. kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N
GLE30 KRRB	-	1.181	30	2.441	62	0.709	18	0.866	22	1.437	36.5	0.66	0.30	4350	19500	2550	11300
GLE35 KRRB	-	1.378	35	2.835	72	0.748	19	0.866	22	1.484	37.7	0.95	0.43	5800	25500	3450	15300
GLE40 KRRB	-	1.575	40	3.150	80	0.827	21	1.063	27	1.689	42.9	1.28	0.58	7300	32500	4450	19800
GLE45 KRRB	-	1.772	45	3.347	85	0.866	22	1.004	25.5	1.689	42.9	1.46	0.66	7400	32500	4600	20400
GLE50 KRRB	-	1.969	50	3.543	90	0.866	22	1.189	30.2	1.937	49.2	1.68	0.76	7900	35000	5200	23200
GLE60 KRRB	-	2.362	60	4.331	110	0.945	24	1.469	37.3	2.437	61.9	3.35	1.52	11800	52000	8100	36000
GLE70 KRRB	-	2.756	70	4.921	125	1.102	28	1.622	41.2	2.685	68.2	4.96	2.25	13950	62000	9900	44000



Radial Insert Ball Bearing

GSH..RRB SERIES

- Integral adapter sleeve
- Shaft connected concentrically by interference fit
- Quieter running than normal radial insert ball bearings
- Narrow inner ring with standard R seal



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

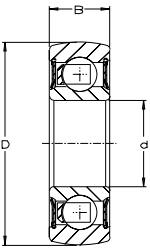
INSERT	SHAFT d	SHAFT d	SHAFT d	D	D	B	B	E	E	L	L	WGT.	WGT.	DYN. CAP.	DYN. CAP.	STAT. CAP.	STAT. CAP.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N
GSH 20 RRB	-	0.787	20	1.850	47	0.551	14	0.295	7.5	1.102	28	0.31	0.14	2850	12700	1480	6600
GSH 25 RRB	-	0.984	25	2.047	52	0.591	15	0.295	7.5	1.102	28	0.38	0.17	3050	13600	1760	7800
GSH 30 RRB	-	1.181	30	2.441	62	0.709	18	0.354	9	1.260	32	0.60	0.27	4250	18900	2550	11300
GSH 35 RRB	-	1.378	35	2.835	72	0.748	19	0.374	9.5	1.339	34	0.95	0.43	5600	24900	3450	15300
GSH 40 RRB	-	1.575	40	3.150	80	0.827	21	0.433	11	1.496	38	1.19	0.54	6600	29500	4450	19800
GSH 50 RRB	-	1.969	50	3.543	90	0.866	22	0.433	11	1.575	40	1.41	0.64	7500	33000	1690	22900



Radial Insert Ball Bearing

200 NPPB SERIES

- Spherical OD
- Standard P seal
- Cylindrical bore and tolerances of 6200 Series



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales .

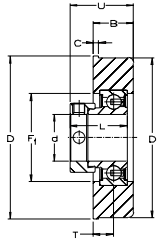
PART NUMBER	SHAFT d inch	SHAFT d mm	OD D inch	OD D mm	WIDTH B inch	WIDTH B mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. lbf	DYN. CAP. N	STAT. CAP. lbf	STAT. CAP. N	SPEED LIMIT rpm
201 NPPB	0.472	12	1.260	32	0.394	10	0.088	0.04	1530	6800	690	3050	18300
203 NPPB	0.669	17	1.575	40	0.472	12	0.132	0.06	2150	9600	1070	4750	13000
204 NPPB	0.787	20	1.850	47	0.551	14	0.243	0.11	2900	12800	1480	6600	11000
205 NPPB	0.984	25	2.047	52	0.591	15	0.287	0.13	3150	14000	1750	7800	8800
206 NPPB	1.811	30	2.441	62	0.630	16	0.441	0.2	4350	19500	2550	11300	7300
208 NPPB	1.575	40	3.150	80	0.709	18	0.816	0.37	7300	32500	4450	19800	5500
209 NPPB	1.772	45	3.346	85	0.748	19	0.904	0.41	7300	32500	4600	20400	4900
210 NPPB	1.969	50	3.543	90	0.787	20	1.014	0.46	7900	35000	5200	23200	4400



Radial Insert Ball Bearing

CR-B SERIES

- Rubber interliner
- Eccentric locking collar
- Economy P seal



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	D	D	D ₁	D ₁	B	B	C	C	F	F	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
CR-B20/76	-	0.787	20	3.051	77.500	3.150	80	1.000	25.400	0.197	5	1.575	40	0.66	0.3
CR-B20/83	-	0.787	20	3.291	83.600	3.441	87.400	1.000	25.400	0.189	4.800	1.575	40	0.66	0.3
CR-B25/70	-	0.984	25	2.815	71.500	2.992	76	0.984	25	0.197	5	1.811	46	0.71	0.32
CR-B25/83	-	0.984	25	3.291	83.600	3.441	87.400	1.000	25.400	0.189	4.800	1.811	46	0.71	0.32
CR-B30/83	-	1.181	30	3.291	83.600	3.441	87.400	1.102	28	0.189	4.800	2.205	56	0.90	0.41
CR-B35/110	-	1.378	35	4.421	112.300	4.724	120	1.181	30	0.197	5	2.520	64	1.23	0.56

CONTINUED FROM ABOVE

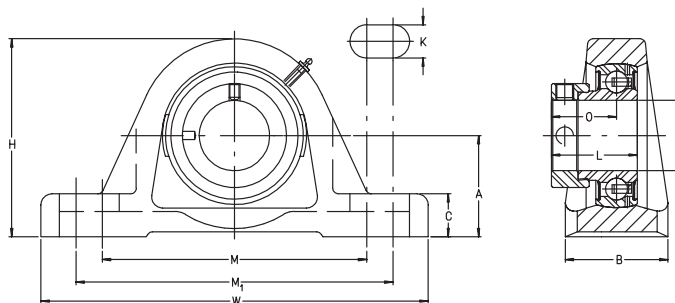
PART NUMBER	L	L	T	T	U	U	INSERT	RUBBER INTERLINER	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	RUBBER INTERLINER CAPACITY Cg lbf	RUBBER INTERLINER CAPACITY Cg N
	inch	mm	inch	mm	inch	mm								
CR-B20/76	1.220	31	0.492	12.500	1.417	36	RAE 20 NPP	CR 47/76	2870	12800	1480	6600	170	750
CR-B20/83	1.220	31	0.500	12.700	1.425	36.200	RAE 20 NPP	CR 47/83	2870	12800	1480	6600	170	750
CR-B25/70	1.220	31	0.492	12.500	1.417	36	RAE 25 NPP	CR 52/70	3150	14000	1750	7800	225	1000
CR-B25/83	1.220	31	0.500	12.700	1.425	36.200	RAE 25 NPP	CR 52/83	3150	14000	1750	7800	225	1000
CR-B30/83	1.406	35.700	0.551	14	1.602	40.700	RAE 30 NPP	CR 62/83	4380	19500	2540	11300	315	1400
CR-B35/110	1.531	38.900	0.591	15	1.748	44.400	RAE 35 NPP	CR 72/110	5730	25500	3440	15300	335	1500



Pillow Block Housing

PASE SERIES

- Standard center height
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

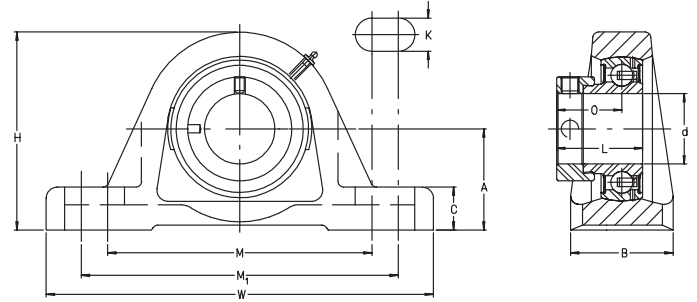
PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
PASE 12	-	0.472	12	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASE 1/2	1/2	0.500	12.7	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASE 15	-	0.591	15	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASE 5/8	5/8	0.625	15.875	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASE 17	-	0.669	17	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASE 3/4	3/4	0.750	19.05	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PASE 20	-	0.787	20	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PASE 7/8	7/8	0.875	22.225	1.438	36.513	3.751	95.275	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
PASE 25	-	0.984	25	1.438	36.513	3.751	95.275	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
PASE 1	1	1	25.4	1.438	36.513	3.751	95.275	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
PASE 1-1/16	1-1/16	1.063	26.988	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
PASE 1-1/8	1-1/8	1.125	28.575	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
PASE 30	-	1.181	30	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
PASE 1-3/16	1-3/16	1.188	30.162	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
PASE 1-1/4-206	1-1/4-206	1.250	31.75	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
PASE 1-1/4	1-1/4	1.250	31.75	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PASE 1-3/8	1-3/8	1.375	34.925	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PASE 35	-	1.378	35	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.417	163
PASE 1-7/16	1-7/16	1.438	36.512	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PASE 1-1/2	1-1/2	1.500	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PASE 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PASE 1-3/4	1-3/4	1.750	44.45	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
PASE 45	-	1.772	45	2.126	54	5.374	136.5	6.319	160.5	0.531	13.5	5.292	2.4	7.559	192
PASE 1-15/16	1-15/16	1.938	49.212	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.972	202.5
PASE 50	-	1.969	50	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.874	200
PASE 2	2	2	50.8	2.500	63.5	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
PASE 55	-	2.165	55	2.500	63.5	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
PASE 2-3/16	2-3/16	2.188	55.562	2.500	63.5	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
PASE 60	-	2.362	60	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.449	240
PASE 2-7/16	2-7/16	2.438	61.912	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.646	245



Pillow Block Housing

PASE SERIES

- Standard center height
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

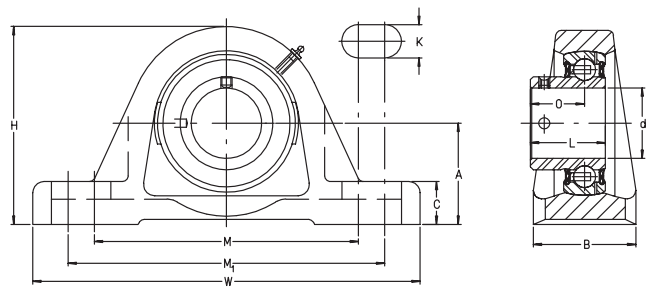
B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm							
1.260	32	2.284	58	0.551	14	0.870	22.1	1.126	28.6	GRAE12 NPPB	ASE 03	2150	9600	1070	4750	PASE12
1.260	32	2.284	58	0.551	14	0.870	22.1	1.126	28.6	GRA 008 NPPB	ASE 03	2150	9600	1070	4750	PASE 1/2
1.260	32	2.284	58	0.551	14	0.870	22.1	1.126	28.6	GRAE 15 NPPB	ASE 03	2150	9600	1070	4750	PASE 15
1.260	32	2.284	58	0.551	14	0.870	22.1	1.126	28.6	GRA 010 NPPB	ASE 03	2150	9600	1070	4750	PASE 5/8
1.260	32	2.284	58	0.551	14	0.870	22.1	1.126	28.6	GRAE 17 NPPB	ASE 03	2150	9600	1070	4750	PASE 17
1.260	32	2.532	64.3	0.571	14.5	0.925	23.5	1.221	31	GRA 012 NPPB	ASE 04	2900	12800	1480	6600	PASE 3/4
1.260	32	2.520	64	0.571	14.5	0.925	23.5	1.221	31	GRAE 20 NPPB	ASE 04	2900	12800	1480	6600	PASE 20
1.457	37	2.813	71.438	0.610	15.5	0.925	23.5	1.221	31	GRA 014 NPPB	ASE 05	3150	14000	1760	7800	PASE 7/8
1.457	37	2.813	71.438	0.610	15.5	0.925	23.5	1.221	31	GRAE 25 NPPB	ASE 05	3150	14000	1760	7800	PASE 25
1.457	37	2.813	71.438	0.610	15.5	0.925	23.5	1.221	31	GRA 100 NPPB	ASE 05	3150	14000	1760	7800	PASE 1
1.673	42.5	3.284	83.4	0.709	18	1.051	26.7	1.406	35.7	GRA 101 NPPB	ASE 06	4350	19500	2550	11300	PASE 1-1/16
1.673	42.5	3.284	83.4	0.709	18	1.051	26.7	1.406	35.7	GRA 102 NPPB	ASE 06	4350	19500	2550	11300	PASE 1-1/8
1.673	42.5	3.284	83.4	0.709	18	1.051	26.7	1.406	35.7	GRAE 30 NPPB	ASE 06	4350	19500	2550	11300	PASE 30
1.673	42.5	3.284	83.4	0.709	18	1.051	26.7	1.406	35.7	GRA 103 NPPB	ASE 06	4350	19500	2550	11300	PASE 1-3/16
1.673	42.5	3.284	83.4	0.709	18	1.051	26.7	1.406	35.7	GRA 104 NPPB-206	ASE 06	4350	19500	2550	11300	PASE 1-1/4-206
1.831	46.5	3.689	93.7	0.748	19	1.158	29.4	1.532	38.9	GRA 104 NPPB	ASE 07	5800	25500	3450	15300	PASE 1-1/4
1.831	46.5	3.689	93.7	0.748	19	1.158	29.4	1.532	38.9	GRA 106 NPPB	ASE 07	5800	25500	3450	15300	PASE 1-3/8
1.772	45	3.661	93	0.748	19	1.158	29.4	1.532	38.9	GRAE 35 NPPB	ASE 07	5800	25500	3450	15300	PASE 35
1.831	46.5	3.689	93.7	0.748	19	1.158	29.4	1.532	38.9	GRA 107 NPPB	ASE 07	5800	25500	3450	15300	PASE 1-7/16
1.969	50	3.937	100	0.787	20	1.287	32.7	1.721	43.7	GRA 108 NPPB	ASE 08	7300	32500	4450	19800	PASE 1-1/2
1.969	50	3.937	100	0.787	20	1.287	32.7	1.721	43.7	GRAE 40 NPPB	ASE 08	7300	32500	4450	19800	PASE 40
2.039	51.8	4.213	107	0.866	22	1.287	32.7	1.721	43.7	GRA 112 NPPB	ASE 09	7400	32500	4600	20400	PASE 1-3/4
1.890	48	4.213	107	0.846	21.5	1.287	32.7	1.721	43.7	GRAE 45 NPPB	ASE 09	7400	32500	4600	20400	PASE 45
2.244	57	4.606	117	0.866	22	1.287	32.7	1.721	43.7	GRA 115 NPPB	ASE 10	7900	35000	5200	23200	PASE 1-15/16
2.126	54	4.528	115	0.846	21.5	1.287	32.7	1.721	43.7	GRAE 50 NPPB	ASE 10	7900	35000	5200	23200	PASE 50
2.461	62.5	4.980	126.5	0.984	25	1.433	36.4	1.906	48.4	GRA 200 NPPB	ASE 11	9800	43500	6600	29000	PASE 2
2.461	62.5	4.980	126.5	0.984	25	1.433	36.4	1.906	48.4	GRAE 55 NPPB	ASE 11	9800	43500	6600	29000	PASE 55
2.461	62.5	4.980	126.5	0.984	25	1.433	36.4	1.906	48.4	GRA 203 NPPB	ASE 11	9800	43500	6600	29000	PASE 2-3/16
2.362	60	5.512	140	0.984	25	1.559	39.6	2.091	53.1	GRAE 60 NPPB	ASE 12	11800	52000	8100	36000	PASE 60
2.559	65	5.512	140	1.102	28	1.559	39.6	2.091	53.1	GRA 207 NPPB	ASE 12	11800	52000	8100	36000	PASE 2-7/16



Pillow Block Housing

PASEY SERIES

- Standard center height
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

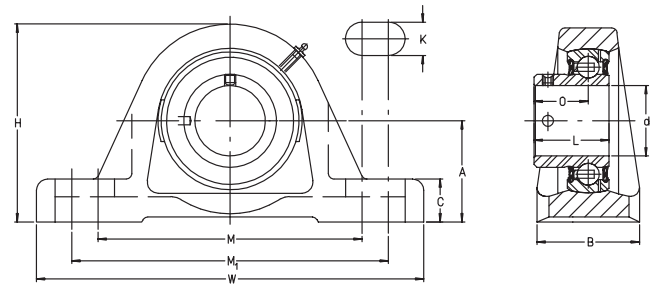
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
PASEY 12	-	0.472	12	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASEY 1/2	1/2	0.500	12.7	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASEY 15	-	0.591	15	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASEY 5/8	5/8	0.625	15.875	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASEY 17	-	0.669	17	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PASEY 3/4	3/4	0.750	19.05	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PASEY 20	-	0.787	20	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PASEY 7/8	7/8	0.875	22.225	1.438	36.512	3.751	95.275	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
PASEY 25	-	0.984	25	1.438	36.512	3.751	95.275	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
PASEY 1	1	1	25.4	1.438	36.512	3.751	95.275	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
PASEY 30	-	1.181	30	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
PASEY 1-3/16	1-3/16	1.188	30.162	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
PASEY 1-1/4	1-1/4	1.250	31.75	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PASEY 35	-	1.378	35	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.417	163
PASEY 1-7/16	1-7/16	1.438	36.512	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PASEY 1-1/2	1-1/2	1.500	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PASEY 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PASEY 1-3/4	1-3/4	1.750	44.45	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
PASEY 45	-	1.772	45	2.126	54	5.374	136.5	6.319	160.5	0.531	13.5	5.292	2.4	7.559	192
PASEY 1-15/16	1-15/16	1.938	49.212	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.972	202.5
PASEY 50	-	1.969	50	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.874	200

Pillow Block Housing

PASEY SERIES

- Standard center height
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

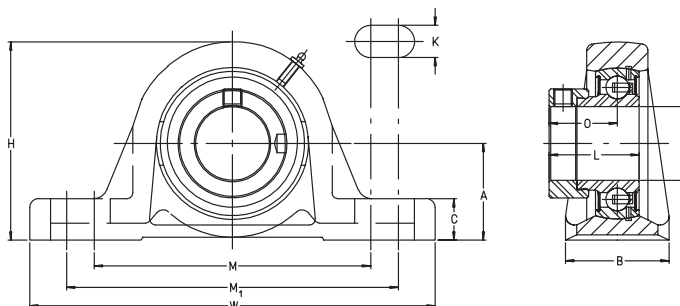
For engineering or technical information contact your local sales representative or call Distributor Sales

B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm							
1.260	32	2.284	58	0.551	14	0.630	16	0.866	22	GAY12 NPPB	ASE 03	2150	9600	1070	4750	PASEY 12
1.260	32	2.284	58	0.551	14	0.630	16	0.866	22	GAY008 NPPB	ASE 03	2150	9600	1070	4750	PASEY 1/2
1.260	32	2.284	58	0.551	14	0.630	16	0.866	22	GAY15 NPPB	ASE 03	2150	9600	1070	4750	PASEY 15
1.260	32	2.284	58	0.551	14	0.630	16	0.866	22	GAY010 NPPB	ASE 03	2150	9600	1070	4750	PASEY 5/8
1.260	32	2.284	58	0.551	14	0.630	16	0.866	22	GAY17 NPPB	ASE 03	2150	9600	1070	4750	PASEY 17
1.260	32	2.532	64.3	0.571	14.5	0.709	18	0.984	25	GAY012 NPPB	ASE 04	2900	12800	1480	6600	PASEY 3/4
1.260	32	2.520	64	0.571	14.5	0.709	18	0.984	25	GAY20 NPPB	ASE 04	2900	12800	1480	6600	PASEY 20
1.457	37	2.813	71.438	0.610	15.5	0.768	19.5	1.063	27	GAY014 NPPB	ASE 05	3150	14000	1760	7800	PASEY 7/8
1.457	37	2.813	71.438	0.610	15.5	0.768	19.5	1.063	27	GAY25 NPPB	ASE 05	3150	14000	1760	7800	PASEY 25
1.457	37	2.813	71.438	0.610	15.5	0.768	19.5	1.063	27	GAY100 NPPB	ASE 05	3150	14000	1760	7800	PASEY 1
1.673	42.5	3.284	83.4	0.709	18	0.827	21	1.181	30	GAY30 NPPB	ASE 06	4350	19500	2550	11300	PASEY 30
1.673	42.5	3.284	83.4	0.709	18	0.827	21	1.181	30	GAY103 NPPB	ASE 06	4350	19500	2550	11300	PASEY 1-3/16
1.831	46.5	3.689	93.7	0.748	19	1.004	25.5	1.378	35	GAY104 NPPB	ASE 07	5800	25500	3450	15300	PASEY 1-1/4
1.772	45	3.661	93	0.748	19	1.004	25.5	1.378	35	GAY35 NPPB	ASE 07	5800	25500	3450	15300	PASEY 35
1.831	46.5	3.689	93.7	0.748	19	1.004	25.5	1.378	35	GAY107 NPPB	ASE 07	5800	25500	3450	15300	PASEY 1-7/16
1.969	50	3.937	100	0.787	20	1.142	29	1.555	39.5	GAY108 NPPB	ASE 08	7300	32500	4450	19800	PASEY 1-1/2
1.969	50	3.937	100	0.787	20	1.142	29	1.555	39.5	GAY40 NPPB	ASE 08	7300	32500	4450	19800	PASEY 40
2.039	51.8	4.213	107	0.866	22	1.201	30.5	1.634	41.5	GAY112 NPPB	ASE 09	7400	32500	4600	20400	PASEY 1-3/4
1.890	48	4.213	107	0.846	21.5	1.201	30.5	1.634	41.5	GAY45 NPPB	ASE 09	7400	32500	4600	20400	PASEY 45
2.244	57	4.606	117	0.866	22	1.260	32	1.693	43	GAY115 NPPB	ASE 10	7900	35000	5200	23200	PASEY 1-15/16
2.126	54	4.528	115	0.984	25	1.260	32	1.693	43	GAY50 NPPB	ASE 10	7900	35000	5200	23200	PASEY 50

Pillow Block Housing

PAK SERIES

- Low center height
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

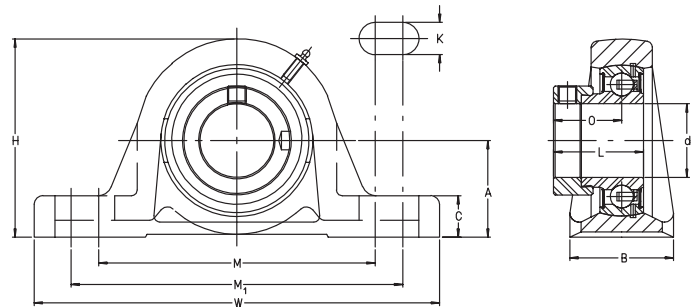
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
PAK 12	-	0.472	12	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAK 1/2	1/2	0.500	12.7	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAK 15	-	0.591	15	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAK 5/8	5/8	0.625	15.875	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAK 17	-	0.669	17	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAK 3/4	3/4	0.75	19.05	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PAK 20	-	0.787	20	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PAK 7/8	7/8	0.875	22.225	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.9	5.500	139.7
PAK 25	-	0.984	25	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.9	5.500	139.7
PAK 1	1	1	25.4	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.9	5.500	139.7
PAK 1-1/16	1-1/16	1.063	26.988	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.3	6.188	157.16
PAK 1-1/8	1-1/8	1.125	28.575	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.3	6.188	157.16
PAK 30	-	1.181	30	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.3	6.188	157.16
PAK 1-3/16	1-3/16	1.188	30.162	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.3	6.188	157.16
PAK 1-1/4-206	1-1/4-206	1.250	31.75	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.3	6.188	157.16
PAK 1-1/4	1-1/4	1.250	31.75	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PAK 1-3/8	1-3/8	1.375	34.925	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PAK 35	-	1.378	35	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PAK 1-7/16	1-7/16	1.438	36.512	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PAK 1-1/2	1-1/2	1.500	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PAK 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PAK 1-3/4	1-3/4	1.750	44.45	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
PAK 45	-	1.772	45	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
PAK 1-15/16	1-15/16	1.938	49.212	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.972	202.5
PAK 50	-	1.969	50	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.972	202.5
PAK 2	2	2	50.8	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
PAK 55	-	2.165	55	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
PAK 2-3/16	2-3/16	2.188	55.562	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
PAK 60	-	2.362	60	2.689	68.3	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.646	245
PAK 2-7/16	2-7/16	2.438	61.912	2.689	68.3	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.646	245



Pillow Block Housing PAK SERIES

- Low center height
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

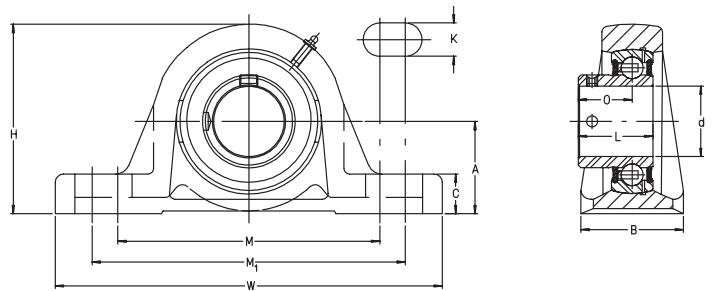
For engineering or technical information contact your local sales representative or call Distributor Sales

B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm							
1.260	32	2.158	54.8	0.425	10.8	0.870	22.1	1.126	28.6	GRAE 12 NPPB	AK03	2150	9600	1070	4750	PAK 12
1.260	32	2.158	54.8	0.425	10.8	0.870	22.1	1.126	28.6	GRA008 NPPB	AK03	2150	9600	1070	4750	PAK 1/2
1.260	32	2.158	54.8	0.425	10.8	0.870	22.1	1.126	28.6	GRAE15 NPPB	AK03	2150	9600	1070	4750	PAK 15
1.260	32	2.158	54.8	0.425	10.8	0.870	22.1	1.126	28.6	GRA010 NPPB	AK03	2150	9600	1070	4750	PAK 5/8
1.260	32	2.158	54.8	0.425	10.8	0.870	22.1	1.126	28.6	GRAE17 NPPB	AK03	2150	9600	1070	4750	PAK 17
1.260	32	2.472	62.8	0.512	13	0.925	23.5	1.221	31	GRA012 NPPB	AK04	2900	12800	1480	6600	PAK 3/4
1.260	32	2.472	62.8	0.512	13	0.925	23.5	1.221	31	GRAE20 NPPB	AK04	2900	12800	1480	6600	PAK 20
1.457	37	2.688	68.263	0.563	14.288	0.925	23.5	1.221	31	GRA014 NPPB	AK05	3150	14000	1760	7800	PAK 7/8
1.457	37	2.688	68.263	0.563	14.288	0.925	23.5	1.221	31	GRAE25 NPPB	AK05	3150	14000	1760	7800	PAK 25
1.457	37	2.688	68.263	0.563	14.288	0.925	23.5	1.221	31	GRA100 NPPB	AK05	3150	14000	1760	7800	PAK 1
1.634	41.5	3.169	80.5	0.669	17	1.051	26.7	1.406	35.7	GRA101 NPPB	AK06	4350	19500	2550	11300	PAK 1-1/16
1.634	41.5	3.169	80.5	0.669	17	1.051	26.7	1.406	35.7	GRA102 NPPB	AK06	4350	19500	2550	11300	PAK 1-1/8
1.634	41.5	3.169	80.5	0.669	17	1.051	26.7	1.406	35.7	GRAE30 NPPB	AK06	4350	19500	2550	11300	PAK 30
1.634	41.5	3.169	80.5	0.669	17	1.051	26.7	1.406	35.7	GRA103 NPPB	AK06	4350	19500	2550	11300	PAK 1-3/16
1.634	41.5	3.169	80.5	0.669	17	1.051	26.7	1.406	35.7	GRA104 NPPB	AK06	4350	19500	2550	11300	PAK 1-1/4-206
1.831	46.5	3.626	92.1	0.685	17.4	1.158	29.4	1.532	38.9	GRA104 NPPB	AK07	5800	25500	3450	15300	PAK 1-1/4
1.831	46.5	3.626	92.1	0.685	17.4	1.158	29.4	1.532	38.9	GRA106 NPPB	AK07	5800	25500	3450	15300	PAK 1-3/8
1.831	46.5	3.626	92.1	0.685	17.4	1.158	29.4	1.532	38.9	GRAE35 NPPB	AK07	5800	25500	3450	15300	PAK 35
1.831	46.5	3.626	92.1	0.685	17.4	1.158	29.4	1.532	38.9	GRA107 NPPB	AK07	5800	25500	3450	15300	PAK 1-7/16
1.969	50	3.937	100	0.787	20	1.287	32.7	1.721	43.7	GRA108 NPPB	AK08	7300	32500	4450	19800	PAK 1-1/2
1.969	50	3.937	100	0.787	20	1.287	32.7	1.721	43.7	GRAE40 NPPB	AK08	7300	32500	4450	19800	PAK 40
2.028	51.5	4.15	105.4	0.803	20.4	1.287	32.7	1.721	43.7	GRA112 NPPB	AK09	7400	32500	4600	20400	PAK 1-3/4
2.028	51.5	4.15	105.4	0.803	20.4	1.287	32.7	1.721	43.7	GRAE45 NPPB	AK09	7400	32500	4600	20400	PAK 45
2.244	57	4.543	115.4	0.803	20.4	1.287	32.7	1.721	43.7	GRA115 NPPB	AK10	7900	35000	5200	23200	PAK 1-15/16
2.244	57	4.543	115.4	0.803	20.4	1.287	32.7	1.721	43.7	GRAE50 NPPB	AK10	7900	35000	5200	23200	PAK 50
2.461	62.5	4.917	124.9	0.921	23.4	1.433	36.4	1.906	48.4	GRA200 NPPB	AK11	9800	43500	6600	29000	PAK 2
2.461	62.5	4.917	124.9	0.921	23.4	1.433	36.4	1.906	48.4	GRAE 55 NPPB	AK11	9800	43500	6600	29000	PAK 55
2.461	62.5	4.917	124.9	0.921	23.4	1.433	36.4	1.906	48.4	GRA203 NPPB	AK11	9800	43500	6600	29000	PAK 2-3/16
2.559	65	5.449	138.4	1.039	26.4	1.559	39.6	2.091	53.1	GRAE60 NPPB	AK12	11800	52000	8100	36000	PAK 60
2.559	65	5.449	138.4	1.039	26.4	1.559	39.6	2.091	53.1	GRA207 NPPB	AK12	11800	52000	8100	36000	PAK 2-7/16

Pillow Block Housing

PAKY SERIES

- Low center height
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

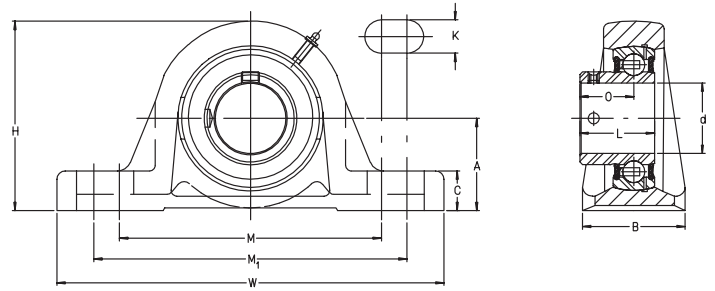
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
PAKY 12	-	0.472	12	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAKY 1/2	1/2	0.500	12.7	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAKY 15	-	0.591	15	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAKY 5/8	5/8	0.625	15.875	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAKY 17	-	0.669	17	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
PAKY 3/4	3/4	0.750	19.05	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PAKY 20	-	0.787	20	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
PAKY 7/8	7/8	0.875	22.225	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.9	5.500	139.7
PAKY 25	-	0.984	25	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.9	5.500	139.7
PAKY 1	1	1	25.4	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.9	5.500	139.7
PAKY 30	-	1.181	30	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.3	6.188	157.16
PAKY 1-3/16	1-3/16	1.188	30.162	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.3	6.188	157.16
PAKY 1-1/4	1-1/4	1.250	31.75	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PAKY 35	-	1.378	35	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PAKY 1-7/16	1-7/16	1.438	36.512	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
PAKY 1-1/2	1-1/2	1.500	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PAKY 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
PAKY 1-3/4	1-3/4	1.750	44.45	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
PAKY 45	-	1.772	45	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
PAKY 1-15/16	1-15/16	1.938	49.212	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.972	202.5
PAKY 50	-	1.969	50	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.972	202.5



Pillow Block Housing PAKY SERIES

- Low center height
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

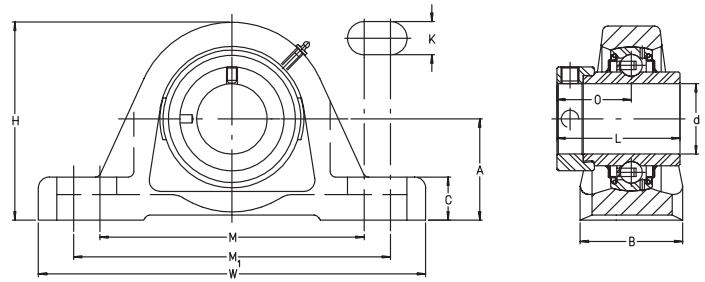
For engineering or technical information contact your local sales representative or call Distributor Sales

B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm							
1.260	32	2.158	54.8	0.425	10.8	0.63	16	0.866	22	GAY 12 NPPB	AK 03	2150	9600	1070	4750	PAKY 12
1.260	32	2.158	54.8	0.425	10.8	0.63	16	0.866	22	GAY008 NPPB	AK 03	2150	9600	1070	4750	PAKY 1/2
1.260	32	2.158	54.8	0.425	10.8	0.63	16	0.866	22	GAY15 NPPB	AK 03	2150	9600	1070	4750	PAKY 15
1.260	32	2.158	54.8	0.425	10.8	0.63	16	0.866	22	GAY010 NPPB	AK 03	2150	9600	1070	4750	PAKY 5/8
1.260	32	2.158	54.8	0.425	10.8	0.63	16	0.866	22	GAY17 NPPB	AK 03	2150	9600	1070	4750	PAKY 17
1.260	32	2.472	62.8	0.512	13	0.709	18	0.984	25	GAY012 NPPB	AK 04	2900	12800	1480	6600	PAKY 3/4
1.260	32	2.472	62.8	0.512	13	0.709	18	0.984	25	GAY20 NPPB	AK 04	2900	12800	1480	6600	PAKY 20
1.457	37	2.688	68.262	0.563	14.287	0.768	19.5	1.063	27	GAY014 NPPB	AK 05	3150	14000	1760	7800	PAKY 7/8
1.457	37	2.688	68.262	0.563	14.287	0.768	19.5	1.063	27	GAY25 NPPB	AK 05	3150	14000	1760	7800	PAKY 25
1.457	37	2.688	68.262	0.563	14.287	0.768	19.5	1.063	27	GAY100 NPPB	AK 05	3150	14000	1760	7800	PAKY 1
1.634	41.5	3.169	80.5	0.669	17	0.827	21	1.181	30	GAY30 NPPB	AK 06	4350	19500	2550	11300	PAKY 30
1.634	41.5	3.169	80.5	0.669	17	0.827	21	1.181	30	GAY103 NPPB	AK 06	4350	19500	2550	11300	PAKY 1-3/16
1.831	46.5	3.626	92.1	0.685	17.4	1.004	25.5	1.378	35	GAY104 NPPB	AK 07	5800	25500	3450	15300	PAKY 1-1/4
1.831	46.5	3.626	92.1	0.685	17.4	1.004	25.5	1.378	35	GAY35 NPPB	AK 07	5800	25500	3450	15300	PAKY 35
1.831	46.5	3.626	92.1	0.685	17.4	1.004	25.5	1.378	35	GAY107 NPPB	AK 07	5800	25500	3450	15300	PAKY 1-7/16
1.969	50	3.937	100	0.787	20	1.142	29	1.555	39.5	GAY108 NPPB	AK 08	7300	32500	4450	19800	PAKY 1-1/2
1.969	50	3.937	100	0.787	20	1.142	29	1.555	39.5	GAY40 NPPB	AK 08	7300	32500	4450	19800	PAKY 40
2.028	51.5	4.150	105.4	0.803	20.4	1.201	30.5	1.634	41.5	GAY112 NPPB	AK 09	7400	32500	4600	20400	PAKY 1-3/4
2.028	51.5	4.150	105.4	0.803	20.4	1.201	30.5	1.634	41.5	GAY45 NPPB	AK 09	7400	32500	4600	20400	PAKY 45
2.244	57	4.543	115.4	0.803	20.4	1.260	32	1.693	43	GAY115 NPPB	AK 10	7900	35000	5200	23200	PAKY 1-15/16
2.244	57	4.543	115.4	0.803	20.4	1.260	32	1.693	43	GAY50 NPPB	AK 10	7900	35000	5200	23200	PAKY 50

Pillow Block Housing

RASE SERIES

- Standard center height
- Eccentric locking collar
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

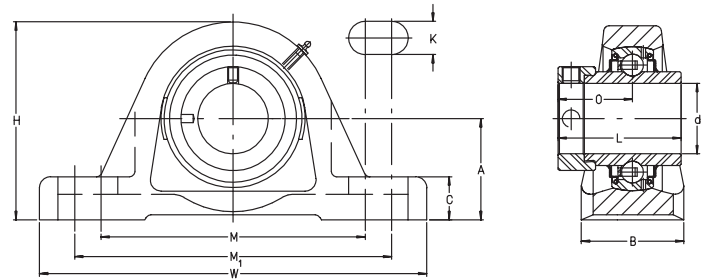
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	M	M	M ₁	M ₁	K	K	WGT.	WGT.	W	W
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	inch	mm
RASE 1/2	1/2	0.5	12.7	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
RASE 15	-	0.591	15	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
RASE 5/8	5/8	0.625	15.875	1.189	30.2	3.189	81	4.055	103	0.433	11	1.213	0.55	4.921	125
RASE 3/4	3/4	0.75	19.05	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
RASE 20	-	0.787	20	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
RASE 7/8	7/8	0.875	22.225	1.438	36.513	3.751	95.275	4.5	114.3	0.472	12	1.985	0.9	5.5	139.7
RASE 15/16	15/16	0.938	23.813	1.438	36.513	3.751	95.275	4.5	114.3	0.472	12	1.985	0.9	5.5	139.7
RASE 25	-	0.984	25	1.438	36.513	3.751	95.275	4.5	114.3	0.472	12	1.985	0.9	5.5	139.7
RASE 1	1	1	25.4	1.438	36.513	3.751	95.275	4.5	114.3	0.472	12	1.985	0.9	5.5	139.7
RASE 1-1/8	1-1/8	1.125	28.575	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
RASE 30	-	1.181	30	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
RASE 1-3/16	1-3/16	1.188	30.162	1.689	42.9	4.252	108	5	127	0.591	15	2.867	1.3	6.189	157.2
RASE 1-1/4	1-1/4	1.25	31.75	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
RASE 1-3/8	1-3/8	1.375	34.925	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
RASE 35	-	1.378	35	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.417	163
RASE 1-7/16	1-7/16	1.438	36.512	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.772	172
RASE 1-1/2	1-1/2	1.5	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
RASE 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
RASE 1-5/8	1-5/8	1.625	41.275	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
RASE 1-11/16	1-11/16	1.688	42.863	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
RASE 1-3/4	1-3/4	1.75	44.45	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.4	7.677	195
RASE 45	-	1.772	45	2.126	54	5.374	136.5	6.319	160.5	0.531	13.5	5.292	2.4	7.559	192
RASE 1-15/16	1-15/16	1.938	49.212	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.972	202.5
RASE 50	-	1.969	50	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.874	200
RASE 2	2	2	50.8	2.5	63.5	6.476	164.5	7.362	187	0.709	18	8.820	4	8.858	225
RASE 55	-	2.165	55	2.5	63.5	6.476	164.5	7.362	187	0.709	18	8.820	4	8.858	225
RASE 2-3/16	2-3/16	2.188	55.562	2.5	63.5	6.476	164.5	7.362	187	0.709	18	8.820	4	8.858	225
RASE 60	-	2.362	60	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.449	240
RASE 2-7/16	2-7/16	2.438	61.912	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.646	245
RASE 65	-	2.559	65	3.126	79.4	7.736	196.5	8.209	208.5	0.866	22	14.134	6.41	10.236	260
RASE 70	-	2.756	70	3.126	79.4	7.736	196.5	8.209	208.5	0.866	22	14.134	6.41	10.236	260
RASE 75	-	2.953	75	3.248	82.5	8.031	204	8.583	218	0.945	24	16.604	7.53	10.748	273
RASE 80	-	3.150	80	3.504	89	8.819	224	9.449	240	1.024	26	19.073	8.65	11.417	290



Pillow Block Housing

RASE SERIES

- Standard center height
- Eccentric locking collar
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

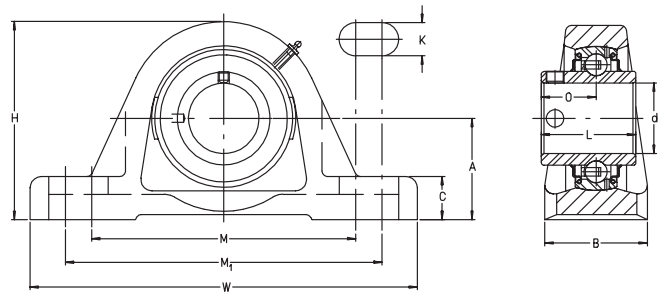
For engineering or technical information contact your local sales representative or call Distributor Sales

B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm							
1.26	32	2.284	58	0.551	14	0.921	23.4	1.469	37.3	G1008 KRRB	ASE 03	2150	9600	1070	4750	RASE 1/2
1.26	32	2.284	58	0.551	14	0.921	23.4	1.469	37.3	GE15 KRRB	ASE 03	2150	9600	1070	4750	RASE 15
1.26	32	2.284	58	0.551	14	0.921	23.4	1.469	37.3	G1010 KRRB	ASE 03	2150	9600	1070	4750	RASE 5/8
1.26	32	2.532	64.3	0.571	14.5	1.047	26.6	1.721	43.7	G1012 KRRB	ASE 04	2900	12800	1480	6600	RASE 3/4
1.26	32	2.520	64	0.571	14.5	1.047	26.6	1.721	43.7	GE20 KRRB	ASE 04	2900	12800	1480	6600	RASE 20
1.457	37	2.813	71.438	0.61	15.5	1.059	26.9	1.748	44.4	G1014 KRRB	ASE 05	3150	14000	1760	7800	RASE 7/8
1.457	37	2.813	71.438	0.61	15.5	1.059	26.9	1.748	44.4	G1015 KRRB	ASE 06	3150	14000	1760	7800	RASE 15/16
1.457	37	2.813	71.438	0.61	15.5	1.059	26.9	1.748	44.4	GE25 KRRB	ASE 05	3150	14000	1760	7800	RASE 25
1.457	37	2.813	71.438	0.61	15.5	1.059	26.9	1.748	44.4	G1100 KRRB	ASE 05	3150	14000	1760	7800	RASE 1
1.673	42.5	3.284	83.4	0.709	18	1.185	30.1	1.906	48.4	G1102 KRRB	ASE 06	4350	19500	2550	11300	RASE 1-1/8
1.673	42.5	3.284	83.4	0.709	18	1.185	30.1	1.906	48.4	GE30 KRRB	ASE 06	4350	19500	2550	11300	RASE 30
1.673	42.5	3.284	83.4	0.709	18	1.185	30.1	1.906	48.4	G1103 KRRB	ASE 06	4350	19500	2550	11300	RASE 1-3/16
1.831	46.5	3.689	93.7	0.748	19	1.272	32.3	2.012	51.1	G1104 KRRB	ASE 07	5800	25500	3450	15300	RASE 1-1/4
1.831	46.5	3.689	93.7	0.748	19	1.272	32.3	2.012	51.1	G1106 KRRB	ASE 07	5800	25500	3450	15300	RASE 1-3/8
1.772	45	3.661	93	0.748	19	1.272	32.3	2.012	51.1	GE35 KRRB	ASE 07	5800	25500	3450	15300	RASE 35
1.831	46.5	3.689	93.7	0.748	19	1.272	32.3	2.012	51.1	G1107 KRRB	ASE 07	5800	25500	3450	15300	RASE 1-7/16
1.969	50	3.937	100	0.787	20	1.374	34.9	2.217	56.3	G1108 KRRB	ASE 08	7300	32500	4450	19800	RASE 1-1/2
1.969	50	3.937	100	0.787	20	1.374	34.9	2.217	56.3	GE40 KRRB	ASE 08	7300	32500	4450	19800	RASE 40
2.039	51.8	4.213	107	0.866	22	1.374	34.9	2.217	56.3	G1110 KRRB	ASE 09	7400	32500	4600	20400	RASE 1-5/8
2.039	51.8	4.213	107	0.866	22	1.374	34.9	2.217	56.3	G1111 KRRB	ASE 09	7400	32500	4600	20400	RASE 1-11/16
2.039	51.8	4.213	107	0.866	22	1.374	34.9	2.217	56.3	G1112 KRRB	ASE 09	7400	32500	4600	20400	RASE 1-3/4
1.890	48	4.213	107	0.846	21.5	1.374	34.9	2.217	56.3	GE45 KRRB	ASE 09	7400	32500	4600	20400	RASE 45
2.244	57	4.606	117	0.866	22	1.5	38.1	2.469	62.7	G1115 KRRB	ASE 10	7900	35000	5200	23200	RASE 1-15/16
2.126	54	4.528	115	0.846	21.5	1.5	38.1	2.469	62.7	GE50 KRRB	ASE 10	7900	35000	5200	23200	RASE 50
2.461	62.5	4.98	126.5	0.984	25	1.717	43.6	2.811	71.4	G1200 KRRB	ASE 11	9800	43500	6600	29000	RASE 2
2.461	62.5	4.98	126.5	0.984	25	1.717	43.6	2.811	71.4	GE55 KRRB	ASE 11	9800	43500	6600	29000	RASE 55
2.461	62.5	4.98	126.5	0.984	25	1.717	43.6	2.811	71.4	G1203 KRRB	ASE 11	9800	43500	6600	29000	RASE 2-3/16
2.362	60	5.512	140	0.984	25	1.843	46.8	3.063	77.8	GE60 KRRB	ASE 12	11800	52000	8100	36000	RASE 60
2.559	65	5.512	140	1.102	28	1.843	46.8	3.063	77.8	G1207 KRRB	ASE 12	11800	52000	8100	36000	RASE 2-7/16
2.559	65	6.142	156	1.083	27.5	1.756	44.6	2.602	66.1	GE65 KRRB	ASE 14	14000	62000	9900	44000	RASE 65
2.559	65	6.142	156	1.083	27.5	1.756	44.6	2.602	66.1	GE70 KRRB	ASE 14	14000	62000	9900	44000	RASE 70
2.598	66	6.457	164	1.083	27.5	1.795	45.6	2.642	67.1	GE75 KRRB	ASE 15	14000	62000	10100	44500	RASE 75
3.071	78	6.890	175	1.181	30	1.874	47.6	2.795	71	GE80 KRRB	ASE 16	16100	72000	12200	54000	RASE 80

Pillow Block Housing

RASEY SERIES

- Standard center height
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

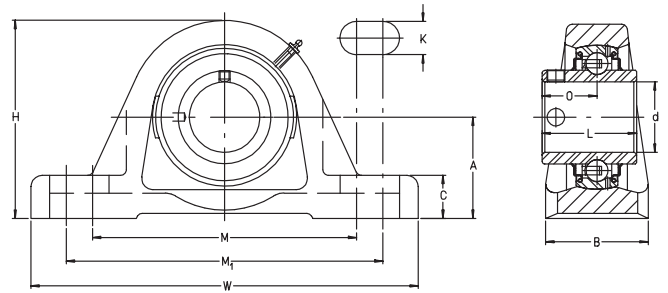
PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
RASEY 1/2	1/2	0.500	12.7	1.189	30.2	3.189	81	4.055	103	0.433	11	1.21	0.55	4.921	125
RASEY 15	-	0.591	15	1.189	30.2	3.189	81	4.055	103	0.433	11	1.21	0.55	4.921	125
RASEY 5/8	5/8	0.025	15.875	1.189	30.2	3.189	81	4.055	103	0.433	11	1.21	0.55	4.921	125
RASEY 17	-	0.669	17	1.189	30.2	3.189	81	4.055	103	0.433	11	1.21	0.55	4.921	125
RASEY 3/4	3/4	0.750	19.1	1.311	33.3	3.425	87	4.134	105	0.433	11	1.32	0.6	5.118	130
RASEY 20	-	0.787	20	1.311	33.3	3.425	87	4.134	105	0.433	11	1.32	0.6	5.118	130
RASEY 7/8	7/8	0.875	22.2	1.438	36.5	3.751	95.3	4.500	114.3	0.472	12	1.99	0.9	5.500	139.7
RASEY 15/16	15/16	0.938	23.8	1.438	36.5	3.751	95.3	4.500	114.3	0.472	12	1.99	0.9	5.500	139.7
RASEY 25	-	0.984	25	1.438	36.5	3.751	95.3	4.500	114.3	0.472	12	1.99	0.9	5.500	139.7
RASEY 1	1	1	25.4	1.438	36.5	3.751	95.3	4.500	114.3	0.472	12	1.99	0.9	5.500	139.7
RASEY 1-1/8	1-1/8	1.125	28.6	1.689	42.9	4.252	108	5.000	127	0.591	15	2.87	1.3	6.189	157.2
RASEY 30	-	1.181	30	1.689	42.9	4.252	108	5.000	127	0.591	15	2.87	1.3	6.189	157.2
RASEY 1-3/16	1-3/16	1.188	30.2	1.689	42.9	4.252	108	5.000	127	0.591	15	2.87	1.3	6.189	157.2
RASEY 1-1/4-206	1-1/4	1.250	31.8	1.689	42.9	4.252	108	5.000	127	0.591	15	2.87	1.3	6.189	157.2
RASEY 1-1/4	1-1/4	1.250	31.8	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.75	1.7	6.772	172
RASEY 1-3/8	1-3/8	1.375	34.9	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.75	1.7	6.772	172
RASEY 35	-	1.378	35	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.75	1.7	6.417	163
RASEY 1-7/16	1-7/16	1.438	36.5	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.75	1.7	6.772	172
RASEY 1-1/2	1-1/2	1.500	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.63	2.1	7.146	181.5
RASEY 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.63	2.1	7.146	181.5
RASEY 1-5/8	1-5/8	1.625	41.3	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.29	2.4	7.677	195
RASEY 1-11/16	1-11/16	1.688	42.9	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.29	2.4	7.677	195
RASEY 1-3/4	1-3/4	1.750	44.5	2.126	54	5.374	136.5	6.319	160.5	0.563	14.3	5.29	2.4	7.677	195
RASEY 45	-	1.772	45	2.126	54	5.374	136.5	6.319	160.5	0.531	13.5	5.29	2.4	7.559	192
RASEY 1-15/16	1-15/16	1.938	49.2	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.06	3.2	7.972	202.5
RASEY 50	-	1.969	50	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.06	3.2	7.874	200
RASEY 2	2	2	50.8	2.500	63.5	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
RASEY 55	-	2.165	55	2.500	63.5	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
RASEY 2-3/16	2-3/16	2.188	55.6	2.500	63.5	6.476	164.5	7.362	187	0.709	18	8.82	4	8.858	225
RASEY 60	-	2.362	60	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.35	5.6	9.449	240
RASEY 2-7/16	2-7/16	2.438	61.9	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.35	5.6	9.646	245
RASEY 65	-	2.559	65	3.126	79.4	7.736	196.5	8.209	208.5	0.866	22	13.12	5.95	10.236	260
RASEY 70	-	2.756	70	3.126	79.4	7.736	196.5	8.209	208.5	0.866	22	12.46	5.65	10.236	260
RASEY 75	-	2.953	75	3.248	82.5	8.031	204	8.583	218	0.945	24	15.85	7.19	10.748	273
RASEY 80	-	3.150	80	3.504	89	8.819	224	9.449	240	1.024	26	19.03	8.63	11.417	290



Pillow Block Housing

RASEY SERIES

- Standard center height
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

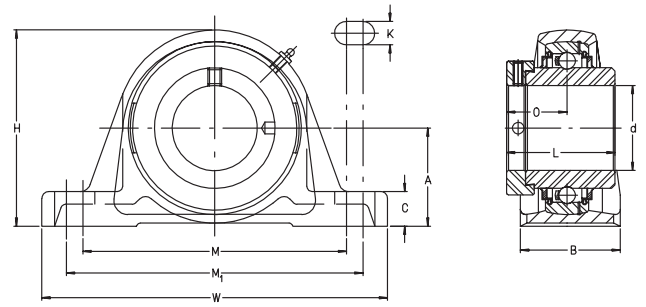
For engineering or technical information contact your local sales representative or call Distributor Sales

B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm							
1.260	32	2.284	58	0.551	14	0.626	15.9	1.079	27.4	GY1008 KRRB	ASE 03	2150	9600	1070	4750	RASEY 1/2
1.260	32	2.284	58	0.551	14	0.626	15.9	1.079	27.4	GYE15 KRRB	ASE 03	2150	9600	1070	4750	RASEY 15
1.260	32	2.284	58	0.551	14	0.626	15.9	1.079	27.4	GY1010 KRRB	ASE 03	2150	9600	1070	4750	RASEY 5/8
1.260	32	2.284	58	0.551	14	0.626	15.9	1.079	27.4	GYE17 KRRB	ASE 03	2150	9600	1070	4750	RASEY 17
1.260	32	2.532	64.3	0.571	14.5	0.721	18.3	1.221	31	GY1012 KRRB	ASE 04	2900	12800	1480	6600	RASEY 3/4
1.260	32	2.520	64	0.571	14.5	0.721	18.3	1.221	31	GYE20 KRRB	ASE 04	2900	12800	1480	6600	RASEY 20
1.457	37	2.813	71.4	0.610	15.5	0.780	19.8	1.343	34.1	GY1014 KRRB	ASE 05	3150	14000	1760	7800	RASEY 7/8
1.457	37	2.813	71.4	0.610	15.5	0.780	19.8	1.343	34.1	GY1015 KRRB	ASE 05	3150	14000	1760	7800	RASEY 15/16
1.457	37	2.813	71.4	0.610	15.5	0.780	19.8	1.343	34.1	GYE25 KRRB	ASE 05	3150	14000	1760	7800	RASEY 25
1.457	37	2.813	71.4	0.610	15.5	0.780	19.8	1.343	34.1	GY1100 KRRB	ASE 05	3150	14000	1760	7800	RASEY 1
1.673	42.5	3.284	83.4	0.709	18	0.874	22.2	1.500	38.1	GY1102 KRRB	ASE 06	4350	19500	2550	11300	RASEY 1-1/8
1.673	42.5	3.284	83.4	0.709	18	0.874	22.2	1.500	38.1	GYE30 KRRB	ASE 06	4350	19500	2550	11300	RASEY 30
1.673	42.5	3.284	83.4	0.709	18	0.874	22.2	1.500	38.1	GY1103 KRRB	ASE 06	4350	19500	2550	11300	RASEY 1-3/16
1.673	42.5	3.284	83.4	0.709	18	0.874	22.2	1.500	38.1	GY1104 KRRB-206	ASE 06	4350	19500	2550	11300	RASEY 1-1/4-206
1.831	46.5	3.689	93.7	0.748	19	1	25.4	1.689	42.9	GY1104 KRRB	ASE 07	5800	25500	3450	15300	RASEY 1-1/4
1.831	46.5	3.689	93.7	0.748	19	1	25.4	1.689	42.9	GY1106 KRRB	ASE 07	5800	25500	3450	15300	RASEY 1-3/8
1.772	45	3.661	93	0.748	19	1	25.4	1.689	42.9	GYE35 KRRB	ASE 07	5800	25500	3450	15300	RASEY 35
1.831	46.5	3.689	93.7	0.748	19	1	25.4	1.689	42.9	GY1107 KRRB	ASE 07	5800	25500	3450	15300	RASEY 1-7/16
1.969	50	3.937	100	0.787	20	1.189	30.2	1.937	49.2	GY1108 KRRB	ASE 08	7300	32500	4450	19800	RASEY 1-1/2
1.969	50	3.937	100	0.787	20	1.189	30.2	1.937	49.2	GYE40 KRRB	ASE 08	7300	32500	4450	19800	RASEY 40
2.039	51.8	4.213	107	0.866	22	1.189	30.2	1.937	49.2	GY1110 KRRB	ASE 09	7400	32500	4600	20400	RASEY 1-5/8
2.039	51.8	4.213	107	0.866	22	1.189	30.2	1.937	49.2	GY1111 KRRB	ASE 09	7400	32500	4600	20400	RASEY 1-11/16
2.039	51.8	4.213	107	0.866	22	1.189	30.2	1.937	49.2	GY1112 KRRB	ASE 09	7400	32500	4600	20400	RASEY 1-3/4
1.890	48	4.213	107	0.846	21.5	1.189	30.2	1.937	49.2	GYE45 KRRB	ASE 09	7400	32500	4600	20400	RASEY 45
2.244	57	4.606	117	0.866	22	1.284	32.6	2.032	51.6	GY1115 KRRB	ASE 10	7900	35000	5200	23200	RASEY 1-15/16
2.126	54	4.528	115	0.846	21.5	1.284	32.6	2.032	51.6	GYE50 KRRB	ASE 10	7900	35000	5200	23200	RASEY 50
2.461	62.5	4.980	126.5	0.984	25	1.315	33.4	2.189	55.6	GY1200 KRRB	ASE 11	9800	43500	6600	29000	RASEY 2
2.461	62.5	4.980	126.5	0.984	25	1.315	33.4	2.189	55.6	GYE55 KRRB	ASE 11	9800	43500	6600	29000	RASEY 55
2.461	62.5	4.980	126.5	0.984	25	1.315	33.4	2.189	55.6	GY1203 KRRB	ASE 11	9800	43500	6600	29000	RASEY 2-3/16
2.362	60	5.512	140	0.984	25	1.563	39.7	2.563	65.1	GYE60 KRRB	ASE 12	11800	52000	8100	36000	RASEY 60
2.559	65	5.512	140	1.102	28	1.563	39.7	2.563	65.1	GY1207 KRRB	ASE 12	11800	52000	8100	36000	RASEY 2-7/16
2.559	65	6.142	156	1.083	27.5	1.748	44.4	2.937	74.6	GYE65 KRRB	ASE 14	14000	62000	9900	44000	RASEY 65
2.559	65	6.142	156	1.083	27.5	1.748	44.4	2.937	74.6	GYE70 KRRB	ASE 14	14000	62000	9900	44000	RASEY 70
2.756	70	6.457	164	1.142	29	1.752	44.5	3.063	77.8	GYE75 KRRB	ASE 15	14000	62000	10100	44500	RASEY 75
3.071	78	6.890	175	1.181	30	1.941	49.3	3.252	82.6	GYE80 KRRB	ASE 16	16100	72000	12200	54000	RASEY 80

Pillow Block Housings

RAK SERIES

- Low center height
- Eccentric locking collar
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

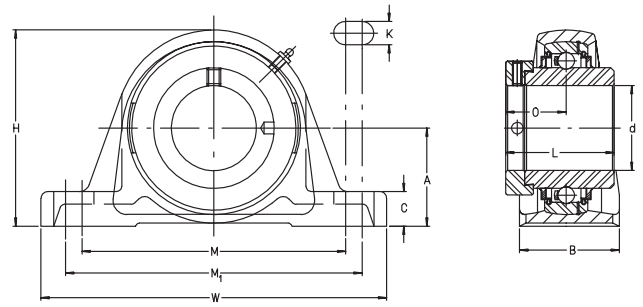
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
RAK 1/2	1/2	0.500	12.7	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.550	4.921	125
RAK 15	—	0.591	15	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.550	4.921	125
RAK 5/8	5/8	0.625	16	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.550	4.921	125
RAK 3/4	3/4	0.750	19.05	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.600	5.118	130
RAK 20	—	0.787	20	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.600	5.118	130
RAK 7/8	7/8	0.875	22.225	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.900	5.500	139.7
RAK 15/16	15/16	0.938	23.813	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.900	5.500	139.7
RAK 25	—	0.984	25	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.900	5.500	139.7
RAK 1	1	1.000	25.4	1.313	33.338	3.721	94.5	4.449	113	0.472	12	1.985	0.900	5.500	139.7
RAK 1-1/8	1-1/8	1.125	28.575	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.300	6.189	157.2
RAK 30	—	1.181	30	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.300	6.189	157.2
RAK 1-3/16	1-3/16	1.188	30.162	1.563	39.688	4.284	108.8	4.949	125.7	0.591	15	2.867	1.300	6.189	157.2
RAK 1-1/4	1-1/4	1.250	31.75	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700	6.772	172
RAK 1-3/8	1-3/8	1.375	34.925	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700	6.772	172
RAK 35	—	1.378	35	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700	6.772	172
RAK 1-7/16	1-7/16	1.438	36.512	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700	6.772	172
RAK 1-1/2	1-1/2	1.500	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.100	7.146	181.5
RAK 40	—	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.100	7.146	181.5
RAK 1-5/8	1-5/8	1.625	41.275	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400	7.677	195
RAK 1-11/16	1-11/16	1.688	42.863	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400	7.677	195
RAK 1-3/4	1-3/4	1.750	44.45	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400	7.677	195
RAK 45	—	1.772	45	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400	7.677	195
RAK 1-15/16	1-15/16	1.938	49.212	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.200	7.972	202.5
RAK 50	—	1.969	50	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.200	7.972	202.5
RAK 2	2	2.000	50.8	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.820	4.000	8.858	225
RAK 2-3/16	2-3/16	2.188	55.562	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.820	4.000	8.858	225
RAK 60	—	2.362	60	2.689	68.3	6.969	177	7.933	201.5	0.709	18	12.348	5.600	9.646	245
RAK 2-7/16	2-7/16	2.438	61.912	2.689	68.3	6.969	177	7.933	201.5	0.709	18	12.348	5.600	9.646	245

Pillow Block Housings

RAK SERIES

- Low center height
- Eccentric locking collar
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

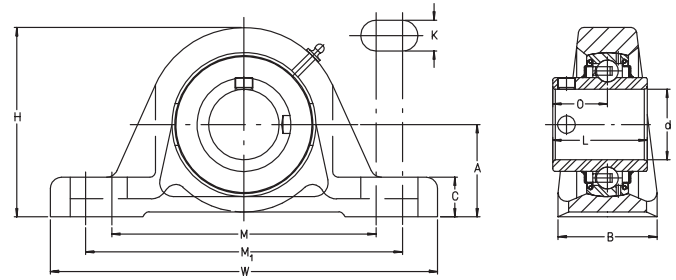
For engineering or technical information contact your local sales representative or call Distributor Sales

B	B	H	H	C	C	O	O	L	L	INSERT	HOUSING	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm			lbf	N	lbf	N	
1.260	32	2.158	54.8	0.425	10.8	0.921	23.4	1.469	37.3	G1008 KRRB	AK 03	2150	9600	1070	4750	RAK 1/2
1.260	32	2.158	54.8	0.425	10.8	0.921	23.4	1.469	37.3	GE15 KRRB	AK 03	2150	9600	1070	4750	RAK 15
1.260	32	2.158	54.8	0.425	10.8	0.921	23.4	1.469	37.3	G1010 KRRB	AK 03	2150	9600	1070	4750	RAK 5/8
1.260	32	2.158	54.8	0.425	10.8	0.921	23.4	1.469	37.3	GE17 KRRB	AK 03	2150	9600	1070	4750	RAK 3/4
1.260	32	2.472	62.8	0.512	13	1.047	26.6	1.721	43.7	GE20 KRRB	AK 04	2900	12800	1480	6600	RAK 20
1.457	37	2.688	68.263	0.563	14.288	1.059	26.9	1.748	44.4	G1014 KRRB	AK 05	3150	14000	1760	7800	RAK 7/8
1.457	37	2.688	68.263	0.563	14.288	1.059	26.9	1.748	44.4	G1015 KRRB	AK 05	3150	14000	1760	7800	RAK 15/16
1.457	37	2.688	68.263	0.563	14.288	1.059	26.9	1.748	44.4	GE25 KRRB	AK 05	3150	14000	1760	7800	RAK 25
1.457	37	2.688	68.263	0.563	14.288	1.059	26.9	1.748	44.4	G1100 KRRB	AK 05	3150	14000	1760	7800	RAK 1
1.634	41.5	3.169	80.5	0.669	17	1.185	30.1	1.906	48.4	G1102 KRRB	AK 06	4350	19500	2550	11300	RAK 1-1/8
1.634	41.5	3.169	80.5	0.669	17	1.185	30.1	1.906	48.4	GE30 KRRB	AK 06	4350	19500	2550	11300	RAK 30
1.634	41.5	3.169	80.5	0.669	17	1.185	30.1	1.906	48.4	G1103 KRRB	AK 06	4350	19500	2550	11300	RAK 1-3/16
1.831	46.5	3.626	92.1	0.685	17.4	1.272	32.3	2.012	51.1	G1104 KRRB	AK 07	5800	25500	3450	15300	RAK 1-1/4
1.831	46.5	3.626	92.1	0.685	17.4	1.272	32.3	2.012	51.1	G1106 KRRB	AK 07	5800	25500	3450	15300	RAK 1-3/8
1.831	46.5	3.626	92.1	0.685	17.4	1.272	32.3	2.012	51.1	GE35 KRRB	AK 07	5800	25500	3450	15300	RAK 35
1.831	46.5	3.626	92.1	0.685	17.4	1.272	32.3	2.012	51.1	G1107 KRRB	AK 07	5800	25500	3450	15300	RAK 1-7/16
1.969	50	3.937	100	0.787	20	1.374	34.9	2.217	56.3	G1108 KRRB	AK 08	7300	32500	4450	19800	RAK 1-1/2
1.969	50	3.937	100	0.787	20	1.374	34.9	2.217	56.3	GE40 KRRB	AK 08	7300	32500	4450	19800	RAK 40
2.028	51.5	4.150	105.4	0.803	20.4	1.374	34.9	2.217	56.3	G1110 KRRB	AK 09	7400	32500	4600	20400	RAK 1-5/8
2.028	51.5	4.150	105.4	0.803	20.4	1.374	34.9	2.217	56.3	G1111 KRRB	AK 09	7400	32500	4600	20400	RAK 1-11/16
2.028	51.5	4.150	105.4	0.803	20.4	1.374	34.9	2.217	56.3	G1112 KRRB	AK 09	7400	32500	4600	20400	RAK 1-3/4
2.028	51.5	4.150	105.4	0.803	20.4	1.374	34.9	2.217	56.3	GE45 KRRB	AK 09	7400	32500	4600	20400	RAK 45
2.244	57	4.543	115.4	0.803	20.4	1.500	38.1	2.469	62.7	G1115 KRRB	AK 10	7900	35000	5200	23200	RAK 1-15/16
2.244	57	4.543	115.4	0.803	20.4	1.500	38.1	2.469	62.7	GE50 KRRB	AK 10	7900	35000	5200	23200	RAK 50
2.461	62.5	4.917	124.9	0.921	23.4	1.717	43.6	2.811	71.4	G1200 KRRB	AK 11	9800	43500	6600	29000	RAK 2
2.461	62.5	4.917	124.9	0.921	23.4	1.717	43.6	2.811	71.4	G1203 KRRB	AK 11	9800	43500	6600	29000	RAK 2-3/16
2.559	65	5.449	138.4	1.039	26.4	1.843	46.8	3.063	77.8	GE60 KRRB	AK 12	11800	52000	8100	36000	RAK 60
2.559	65	5.449	138.4	1.039	26.4	1.843	46.8	3.063	77.8	G1207 KRRB	AK 12	11800	52000	8100	36000	RAK 2-7/16

Pillow Block Housing

RAKY SERIES

- Low center height
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

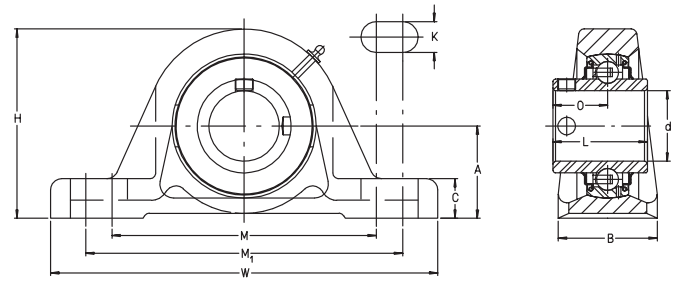
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	M	M	M ₁	M ₁	K	K	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RAKY 1/2	1/2	0.500	12.7	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.550
RAKY 15	15	0.591	15	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.550
RAKY 5/8	5/8	0.625	15.875	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.550
RAKY 17	17	0.669	17	1.063	27	3.189	81	4.055	103	0.433	11	1.213	0.550
RAKY 3/4	3/4	0.750	19.1	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.600
RAKY 20	20	0.787	20	1.252	31.8	3.425	87	4.134	105	0.433	11	1.323	0.600
RAKY 7/8	7/8	0.875	22.2	1.313	33.3	3.721	94.5	4.449	113	0.472	12	1.985	0.900
RAKY 15/16	15/16	0.938	23.8	1.313	33.3	3.721	94.5	4.449	113	0.472	12	1.985	0.900
RAKY 25	25	0.984	25	1.313	33.3	3.721	94.5	4.449	113	0.472	12	1.985	0.900
RAKY 1	1	1.000	25.4	1.313	33.3	3.721	94.5	4.449	113	0.472	12	1.985	0.900
RAKY 1-1/8	1-1/8	1.125	28.6	1.563	39.7	4.284	108.8	4.949	125.7	0.591	15	2.867	1.300
RAKY 30	30	1.181	30	1.563	39.7	4.284	108.8	4.949	125.7	0.591	15	2.867	1.300
RAKY 1-3/16	1-3/16	1.188	30.2	1.563	39.7	4.284	108.8	4.949	125.7	0.591	15	2.867	1.300
RAKY 1-1/4-206	1-1/4-206	1.250	31.8	1.563	39.7	4.284	108.8	4.949	125.7	0.591	15	2.867	1.300
RAKY 1-1/4	1-1/4	1.250	31.8	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700
RAKY 1-3/8	1-3/8	1.375	34.9	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700
RAKY 35	35	1.378	35	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700
RAKY 1-7/16	1-7/16	1.438	36.5	1.811	46	4.807	122.1	5.429	137.9	0.591	15	3.749	1.700
RAKY 1-1/2	1-1/2	1.500	38.1	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.100
RAKY 40	40	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.100
RAKY 1-5/8	1-5/8	1.625	41.3	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400
RAKY 1-11/16	1-11/16	1.688	42.9	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400
RAKY 1-3/4	1-3/4	1.750	44.5	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400
RAKY 45	45	1.772	45	2.063	52.4	5.374	136.5	6.319	160.5	0.563	14.3	5.292	2.400
RAKY 1-15/16	1-15/16	1.938	49.2	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.200
RAKY 50	50	1.969	50	2.189	55.6	5.965	151.5	6.437	163.5	0.709	18	7.056	3.200
RAKY 2	2	2.000	50.8	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.820	4.000
RAKY 55	55	2.165	55	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.820	4.000
RAKY 2-3/16	2-3/16	2.188	55.6	2.437	61.9	6.476	164.5	7.362	187	0.709	18	8.820	4.000
RAKY 60	60	2.362	60	2.689	68.3	6.969	177	7.933	201.5	0.709	18	12.348	5.600
RAKY 2-7/16	2-7/16	2.438	61.9	2.689	68.3	6.969	177	7.933	201.5	0.709	18	12.348	5.600



Pillow Block Housing

RAKY SERIES

- Low center height
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

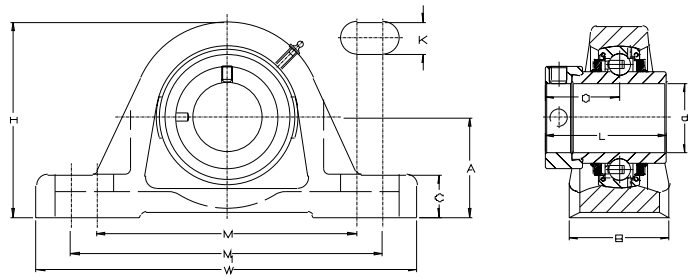
W	W	B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm							
4.921	125	1.260	32	2.158	54.8	0.425	10.8	0.626	15.9	1.079	27.4	GY1008 KRRB	AK 03	2150	9600	1070	4750	RAKY 1/2
4.921	125	1.260	32	2.158	54.8	0.425	10.8	0.626	15.9	1.079	27.4	GYE15 KRRB	AK 03	2150	9600	1070	4750	RAKY 15
4.921	125	1.260	32	2.158	54.8	0.425	10.8	0.626	15.9	1.079	27.4	GY1010 KRRB	AK 03	2150	9600	1070	4750	RAKY 5/8
4.921	125	1.260	32	2.158	54.8	0.425	10.8	0.626	15.9	1.079	27.4	GYE17 KRRB	AK 03	2150	9600	1070	4750	RAKY 17
5.118	130	1.260	32	2.472	62.8	0.512	13	0.721	18.3	1.221	31	GY1012 KRRB	AK 04	2900	12800	2550	6600	RAKY 3/4
5.118	130	1.260	32	2.472	62.8	0.512	13	0.721	18.3	1.221	31	GYE20 KRRB	AK 04	2900	12800	2550	6600	RAKY 20
5.500	139.7	1.457	37	2.688	68.3	0.563	14.3	0.780	19.8	1.343	34.1	GY1014 KRRB	AK 05	3150	14000	1760	7800	RAKY 7/8
5.500	139.7	1.457	37	2.688	68.3	0.563	14.3	0.780	19.8	1.343	34.1	GY1015 KRRB	AK 05	3150	14000	1760	7800	RAKY 15/16
5.500	139.7	1.457	37	2.688	68.3	0.563	14.3	0.780	19.8	1.343	34.1	GYE25 KRRB	AK 05	3150	14000	1760	7800	RAKY 25
5.500	139.7	1.457	37	2.688	68.3	0.563	14.3	0.780	19.8	1.343	34.1	GY1100 KRRB	AK 05	3150	14000	1760	7800	RAKY 1
6.189	157.2	1.634	41.5	3.169	80.5	0.669	17	0.874	22.2	1.500	38.1	GY1102 KRRB	AK 06	4350	19500	2550	11300	RAKY 1-1/8
6.189	157.2	1.634	41.5	3.169	80.5	0.669	17	0.874	22.2	1.500	38.1	GYE30 KRRB	AK 06	4350	19500	2550	11300	RAKY 30
6.189	157.2	1.634	41.5	3.169	80.5	0.669	17	0.874	22.2	1.500	38.1	GY1103 KRRB	AK 06	4350	19500	2550	11300	RAKY 1-3/16
6.189	157.2	1.634	41.5	3.169	80.5	0.669	17	0.874	22.2	1.500	38.1	GY1104 KRRB-206	AK 06	4350	19500	2550	11300	RAKY 1-1/4-206
6.772	172	1.831	46.5	3.626	92.1	0.685	17.4	1.000	25.4	1.689	42.9	GY1104 KRRB	AK 07	5800	25500	3450	15300	RAKY 1-1/4
6.772	172	1.831	46.5	3.626	92.1	0.685	17.4	1.000	25.4	1.689	42.9	GY1106 KRRB	AK 07	5800	25500	3450	15300	RAKY 1-3/8
6.772	172	1.831	46.5	3.626	92.1	0.685	17.4	1.000	25.4	1.689	42.9	GYE35 KRRB	AK 07	5800	25500	3450	15300	RAKY 35
6.772	172	1.831	46.5	3.626	92.1	0.685	17.4	1.000	25.4	1.689	42.9	GY1107 KRRB	AK 07	5800	25500	3450	15300	RAKY 1-7/16
7.146	181.5	1.969	50	3.937	100	0.787	20	1.189	30.2	1.937	49.2	GY1108 KRRB	AK 08	7300	32500	4450	19800	RAKY 1-1/2
7.146	181.5	1.969	50	3.937	100	0.787	20	1.189	30.2	1.937	49.2	GYE40 KRRB	AK 08	7300	32500	4450	19800	RAKY 40
7.677	195	2.028	51.5	4.150	105.4	0.803	20.4	1.189	30.2	1.937	49.2	GY1110 KRRB	AK 09	7400	32500	4600	20400	RAKY 1-5/8
7.677	195	2.028	51.5	4.150	105.4	0.803	20.4	1.189	30.2	1.937	49.2	GY1111 KRRB	AK 09	7400	32500	4600	20400	RAKY 1-11/16
7.677	195	2.028	51.5	4.150	105.4	0.803	20.4	1.189	30.2	1.937	49.2	GY1112 KRRB	AK 09	7400	32500	4600	20400	RAKY 1-3/4
7.677	195	2.028	51.5	4.150	105.4	0.803	20.4	1.189	30.2	1.937	49.2	GYE45 KRRB	AK 09	7400	32500	4600	20400	RAKY 45
7.972	202.5	2.244	57	4.543	115.4	0.803	20.4	1.284	32.6	2.032	51.6	GY1115 KRRB	AK 10	7900	35000	5200	23200	RAKY 1-15/16
7.972	202.5	2.244	57	4.543	115.4	0.803	20.4	1.284	32.6	2.032	51.6	GYE50 KRRB	AK 10	7900	35000	5200	23200	RAKY 50
8.858	225	2.461	62.5	4.917	124.9	0.921	23.4	1.315	33.4	2.189	55.6	GY1200 KRRB	AK 11	9800	43500	6600	29000	RAKY 2
8.858	225	2.461	62.5	4.917	124.9	0.921	23.4	1.315	33.4	2.189	55.6	GYE55 KRRB	AK 11	9800	43500	6600	29000	RAKY 55
8.858	225	2.461	62.5	4.917	124.9	0.921	23.4	1.315	33.4	2.189	55.6	GY1203 KRRB	AK 11	9800	43500	6600	29000	RAKY 2-3/16
9.646	245	2.559	65	5.449	138.4	1.039	26.4	1.563	39.7	2.563	65.1	GYE60 KRRB	AK 12	11800	52000	8100	36000	RAKY 60
9.646	245	2.559	65	5.449	138.4	1.039	26.4	1.563	39.7	2.563	65.1	GY1207 KRRB	AK 12	11800	52000	8100	36000	RAKY 2-7/16



Pillow Block Housings

TASE SERIES

- Eccentric locking collar
- Tri-ply P3 seals
- Inner ring extended both sides
- Standard shaft height



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
TASE 20	-	0.787	20	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
TASE 25	-	0.984	25	1.438	36.513	3.751	95.3	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
TASE 30	-	1.181	30	1.689	42.9	4.252	108	5.000	127	0.591	15	2.867	1.3	6.189	157.2
TASE 35	-	1.378	35	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.417	163
TASE 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
TASE 45	-	1.772	45	2.126	54	5.374	136.5	6.319	160.5	0.531	13.5	5.292	2.4	7.559	192
TASE 50	-	1.969	50	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.874	200
TASE 55	-	2.165	55	2.500	63.5	6.476	164.5	7.362	187	0.709	18	8.820	4	8.858	225
TASE 60	-	2.362	60	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.449	240
TASE 65	-	2.559	65	3.126	79.4	7.736	196.5	8.209	208.5	0.866	22	14.134	6.4	10.236	260
TASE 70	-	2.756	70	3.126	79.4	7.736	196.5	8.209	208.5	0.866	22	14.134	6.4	10.236	260
TASE 75	-	2.953	75	3.248	82.5	8.031	204	8.583	218	0.945	24	16.604	7.5	10.748	273
TASE 80	-	3.150	80	3.504	89	8.819	224	9.449	240	1.024	26	19.073	8.7	11.417	290

CONTINUED FROM ABOVE

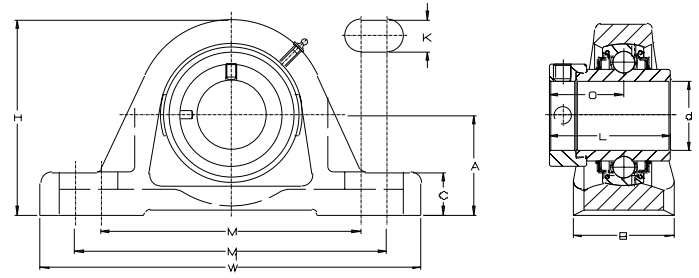
PART NUMBER	B inch	B mm	H inch	H mm	C inch	C mm	O inch	O mm	L inch	L mm	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
TASE 20	1.260	32	2.520	64	0.571	14.5	1.047	26.6	1.721	43.7	GE20 KPPB-3	ASE 04	2900	12800	1480	6600
TASE 25	1.457	37	2.813	71.436	0.610	15.5	1.059	26.9	1.748	44.4	GE25 KPPB-3	ASE 05	3150	14000	1760	7800
TASE 30	1.673	42.5	3.284	83.4	0.709	18	1.185	30.1	1.906	48.4	GE30 KPPB-3	ASE 06	4350	19500	2550	11300
TASE 35	1.772	45	3.661	93	0.748	19	1.272	32.3	2.012	51.1	GE35 KPPB-3	ASE 07	5800	25500	3450	15300
TASE 40	1.969	50	3.937	100	0.787	20	1.374	34.9	2.217	56.3	GE40 KPPB-3	ASE 08	7300	32500	4450	19800
TASE 45	1.890	48	4.213	107	0.846	21.5	1.374	34.9	2.217	56.3	GE45 KPPB-3	ASE 09	7400	32500	4600	20400
TASE 50	2.126	54	4.528	115	0.846	21.5	1.500	38.1	2.469	62.7	GE50 KPPB-3	ASE 10	7900	35000	5200	23200
TASE 55	2.461	62.5	4.980	126.5	0.984	25	1.717	43.6	2.811	71.4	GE55 KPPB-3	ASE 11	9800	43500	6600	29000
TASE 60	2.362	60	5.512	140	0.984	25	1.843	46.8	3.063	77.8	GE60 KPPB-3	ASE 12	11800	52000	8100	36000
TASE 65	2.559	65	6.142	156	1.083	27.5	1.756	44.6	2.602	66.1	GE65 KPPB-3	ASE 14	14000	62000	9900	44000
TASE 70	2.559	65	6.142	156	1.083	27.5	1.756	44.6	2.602	66.1	GE70 KPPB-3	ASE 14	14000	62000	9900	44000
TASE 75	2.598	66	6.457	164	1.083	27.5	1.795	45.6	2.642	67.1	GE75 KPPB-3	ASE 15	14000	62000	10100	44500
TASE 80	3.071	78	6.890	175	1.181	30	1.874	47.6	2.795	71	GE80 KPPB-3	ASE 16	16100	72000	12200	54000



Pillow Block Housings

LASE SERIES

- Non-contact labyrinth seals
- Inner ring extended both sides
- Suitable for temperatures to 180° C
- Eccentric locking collar
- Standard shaft height



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	M inch	M mm	M ₁ inch	M ₁ mm	K inch	K mm	WGT. lbs	WGT. kg	W inch	W mm
LASE 20	-	0.787	20	1.311	33.3	3.425	87	4.134	105	0.433	11	1.323	0.6	5.118	130
LASE 25	-	0.984	25	1.438	36.513	3.751	95.275	4.500	114.3	0.472	12	1.985	0.9	5.500	139.7
LASE 30	-	1.181	30	1.689	42.9	4.252	108	5.000	127	0.591	15	2.867	1.3	6.189	157.2
LASE 35	-	1.378	35	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.417	163
LASE 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
LASE 45	-	1.772	45	2.126	54	5.374	136.5	6.319	160.5	0.531	13.5	5.292	2.4	7.559	192
LASE 50	-	1.969	50	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.874	200

CONTINUED FROM ABOVE

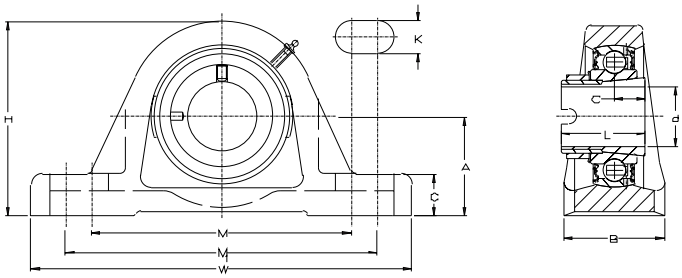
PART NUMBER	B inch	B mm	H inch	H mm	C inch	C mm	O inch	O mm	L inch	L mm	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
LASE 20	1.260	32	2.520	64	0.571	14.5	1.047	26.6	1.721	43.7	GE20 KLLHB	ASE 04	2900	12800	1480	6600
LASE 25	1.457	37	2.813	71.436	0.610	15.5	1.059	26.9	1.748	44.4	GE25 KLLHB	ASE 05	3150	14000	1760	7800
LASE 30	1.673	42.5	3.284	83.4	0.709	18	1.185	30.1	1.906	48.4	GE30 KLLHB	ASE 06	4350	19500	2550	11300
LASE 35	1.772	45	3.661	93	0.748	19	1.272	32.3	2.012	51.1	GE35 KLLHB	ASE 07	5800	25500	3450	15300
LASE 40	1.969	50	3.937	100	0.787	20	1.374	34.9	2.217	56.3	GE40 KLLHB	ASE 08	7300	32500	4450	19800
LASE 45	1.890	48	4.213	107	0.846	21.5	1.374	34.9	2.217	56.3	GE45 KLLHB	ASE 09	7400	32500	4600	20400
LASE 50	2.126	54	4.528	115	0.846	21.5	1.500	38.1	2.469	62.7	GE50 KLLHB	ASE 10	7900	35000	5200	23200



Pillow Block Housing

RASEA SERIES

- Standard center height
- Eccentric locking collar
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d		W		H		B		L		A		C	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
RASEA 20	20	0.787	130	5.118	64	2.520	32	1.260	28	1.102	33	1.311	15	0.571
RASEA 25	25	0.984	130	5.118	70	2.756	36	1.417	28	1.102	37	1.437	15	0.571
RASEA 30	30	1.181	158	6.220	82	3.228	40	1.575	32	1.260	43	1.689	17	0.669
RASEA 35	35	1.378	163	6.417	93	3.661	45	1.772	34	1.339	48	1.874	19	0.748
RASEA 40	40	1.575	179	7.047	99	3.898	48	1.890	38	1.496	49	1.937	19	0.748

CONTINUED FROM ABOVE

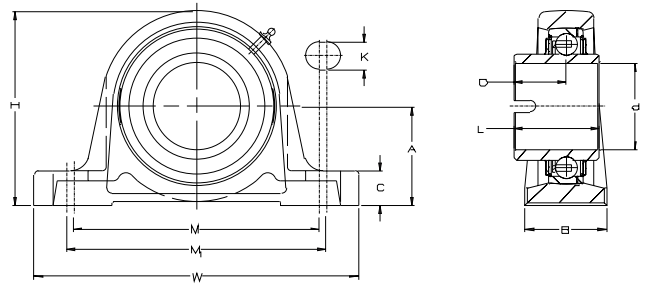
M	M	M ₁	M ₁	K	K	Q	C _r	C _r	C _{0r}	C _{0r}	MASS	MASS	HOUSING	BEARING	PART NUMBER
mm	inch	mm	inch	mm	inch		N	lbf	N	lbf	kg	lbs			
89	3.504	105	4.134	11	0.433	R 1/8	12700	2800	6600	1500	0.51	1.125	GG ASE 04	GSH 20 RRB	RASEA 20
95	3.740	111	4.370	11	0.433	R 1/8	13600	3000	7800	1750	0.60	1.323	GG ASE 05	GSH 25 RRB	RASEA 25
110	4.331	126	4.961	14	0.551	R 1/8	18900	4200	11300	2500	1.00	2.205	GG ASE 06	GSH 30 RRB	RASEA 30
119	4.685	133	5.236	14	0.551	R 1/8	24900	6000	15300	3400	1.48	3.263	GG ASE 07	GSH 35 RRB	RASEA 35
126	4.961	150	5.906	14	0.551	R 1/8	29500	6600	19800	4400	1.71	3.771	GG ASE/AK 08	GSH 40 RRB	RASEA 40



Pillow Block Housings

RASEL SERIES

- Standard R seals
- Non-locating expansion bearing
- Drive slot inner ring



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	M	M	M ₁	M ₁	K	K	WGT.	WGT.	W	W
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	inch	mm
RASEL 30	-	1.181	30	1.689	42.9	4.252	108	5.000	127	0.591	15	2.867	1.3	6.189	157.2
RASEL 35	-	1.378	35	1.874	47.6	4.807	122.1	5.429	137.9	0.591	15	3.749	1.7	6.417	163
RASEL 40	-	1.575	40	1.937	49.2	4.921	125	5.787	147	0.591	15	4.631	2.1	7.146	181.5
RASEL 45	-	1.772	45	2.126	54	5.374	136.5	6.319	160.5	0.531	13.5	5.292	2.4	7.559	192
RASEL 50	-	1.969	50	2.252	57.2	5.965	151.5	6.437	163.5	0.709	18	7.056	3.2	7.874	200
RASEL 60	-	2.362	60	2.752	69.9	6.969	177	7.933	201.5	0.709	18	12.348	5.6	9.449	240
RASEL 70	-	2.756	70	3.126	79.4	7.736	196.5	8.209	208.5	0.866	22	14.134	6.4	10.236	260

CONTINUED FROM ABOVE

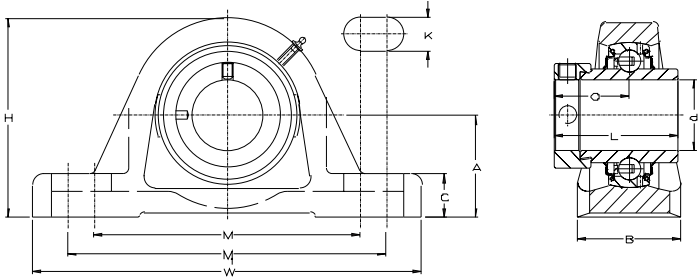
PART NUMBER	B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm			lbf	N	lbf	N
RASEL 30	1.673	42.5	3.284	83.4	0.709	18	0.866	22	1.906	48.4	GLE30 KRRB	ASE 06	4350	19500	2550	11300
RASEL 35	1.772	45	3.661	93.7	0.748	19	0.866	22	2.012	51.1	GLE35 KRRB	ASE 07	5800	25500	3450	15300
RASEL 40	1.969	50	3.937	100	0.787	20	1.063	27	2.217	56.3	GLE40 KRRB	ASE 08	7300	32500	4450	19800
RASEL 45	1.890	48	4.213	107	0.846	21.5	1.004	25.5	2.217	56.3	GLE45 KRRB	ASE 09	7400	32500	4600	20400
RASEL 50	2.126	54	4.606	115	0.846	21.5	1.189	30.2	2.469	62.7	GLE50 KRRB	ASE 10	7900	35000	5200	23200
RASEL 60	2.362	60	5.512	140	2.984	25	1.492	37.9	3.063	77.8	GLE60 KRRB	ASE 12	11800	52000	8100	36000
RASEL 70	2.559	65	6.142	156	1.083	27.5	1.622	41.2	2.602	66.1	GLE70 KRRB	ASE 14	14000	62000	9900	44000



Pillow Block Housings

RSAO SERIES

- Eccentric locking collar
- Standard R seals
- Inner ring extended both sides
- Heavy series - based on 6300 Series



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	M	M	M ₁	M ₁	K	K	WGT.	WGT.	W	W
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	inch	mm
RSAO 30	-	1.181	30	1.969	50	5.394	137	5.630	143	0.689	17.5	3.97	1.8	7.087	180
RSAO 35	-	1.378	35	2.205	56	5.984	152	6.614	168	0.689	17.5	6.06	2.75	8.268	210
RSAO 40	-	1.575	40	2.362	60	6.299	160	7.087	180	0.689	17.5	7.01	3.18	8.661	220
RSAO 50	-	1.969	50	2.953	75	7.756	197	8.937	227	0.787	20	13.45	6.10	10.827	275
RSAO 60	-	2.362	60	3.346	85	9.331	237	10.354	263	0.984	25	19.85	9.00	12.992	330
RSAO 70	-	2.756	70	3.740	95	10.512	267	11.693	297	1.063	27	24.26	11.00	14.173	360

CONTINUED FROM ABOVE

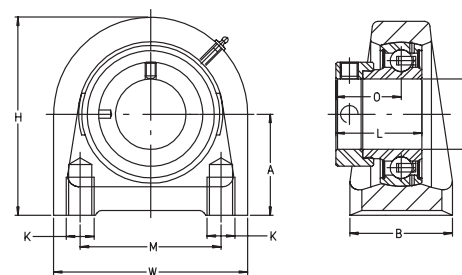
PART NUMBER	B	B	H	H	C	C	O	O	L	L	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm						
RSAO 30	1.969	50	3.740	95	0.709	18	1.280	32.5	1.969	50	GNE30 KRRB	SAO 06	6700	29500	3750	16700
RSAO 35	2.205	56	4.173	106	0.787	20	1.315	33.4	2.031	51.6	GNE35 KRRB	SAO 07	8200	36500	4700	20900
RSAO 40	2.362	60	4.567	116	0.866	22	1.441	36.6	2.150	54.6	GNE40 KRRB	SAO 08	10000	44500	5800	26000
RSAO 50	2.953	75	5.630	143	1.063	27	1.657	42.1	2.626	66.7	GNE50 KRRB	SAO 10	13900	62000	8500	38000
RSAO 60	3.346	85	6.496	165	1.260	32	1.787	45.4	2.693	68.4	GNE60 KRRB	SAO 12	18400	82000	11700	52000
RSAO 70	3.543	90	7.362	187	1.378	35	1.945	49.4	2.969	75.4	GNE70 KRRB	SAO 14	23400	104000	15300	68000



Tapped Base Housing Units

PSHE SERIES

- Metric series
- Metric tapped base pillow block
- Economy P seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	H inch	H mm	K THREADS	O inch	O mm	L inch	L mm
PSHE12	0.472	12	1.189	30.2	1.181	30	2.244	57	M 8	0.870	22.1	1.850	47.0
PSHE15	0.591	15	1.189	30.2	1.181	30	2.244	57	M 8	0.870	22.1	1.850	47.0
PSHE17	0.669	17	1.189	30.2	1.181	30	2.244	57	M 8	0.870	22.1	1.850	47.0
PSHE20	0.787	20	1.311	33.3	1.260	32	2.520	64	M 8	0.925	23.5	1.221	31.0
PSHE25	0.984	25	1.437	36.5	1.417	36	2.756	70	M 10	0.925	23.5	1.221	31.0
PSHE30	1.181	30	1.689	42.9	1.575	40	3.228	82	M 10	1.051	26.7	1.406	35.7
PSHE35	1.378	35	1.874	47.6	1.772	45	3.661	93	M 10	1.158	29.4	1.532	38.9
PSHE40	1.575	40	1.937	49.2	1.890	48	3.898	99	M12	1.287	32.7	1.721	43.7
PSHE45	1.772	45	2.126	54	1.890	48	4.016	102	M12	1.287	32.7	1.721	43.7
PSHE50	1.969	50	2.252	57.2	2.126	54	4.528	115	M 16	1.287	32.7	1.721	43.7
PSHE55	2.165	55	2.520	64	2.362	60	4.921	125	M 16	1.433	36.4	1.433	36.4

CONTINUED FROM ABOVE

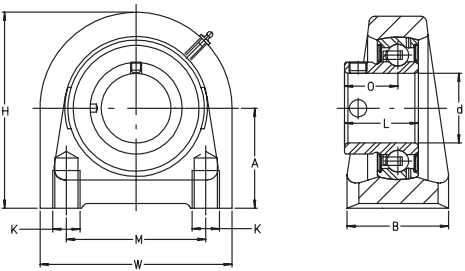
PART NUMBER	M inch	M mm	W inch	W mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	HOUSING	INSERT
PSHE12	1.850	47	2.480	63	0.970	0.44	2150	9600	1070	4750	SHE03	GRAE12NPPB
PSHE15	1.850	47	2.480	63	0.970	0.44	2150	9600	1070	4750	SHE03	GRAE15NPPB
PSHE17	1.850	47	2.480	63	0.970	0.44	2150	9600	1070	4750	SHE03	GRAE17NPPB
PSHE20	2.000	50.8	2.559	65	1.125	0.51	2900	12800	1480	6600	SHE04	GRAE20NPPB
PSHE25	2.000	50.8	2.756	70	1.323	0.60	3150	14000	1750	7800	SHE05	GRAE25NPPB
PSHE30	3.000	76.2	3.858	98	2.315	1.05	4400	19500	2550	11300	SHE06	GRAE30NPPB
PSHE35	3.252	82.6	4.055	103	3.175	1.44	5750	25500	3450	15300	SHE07	GRAE35NPPB
PSHE40	3.500	88.9	4.567	116	4.057	1.84	7300	32500	4450	19800	SHE08	GRAE40NPPB
PSHE45	3.752	95.3	4.724	120	4.719	2.14	7300	32500	4450	19800	SHE09	GRAE45NPPB
PSHE50	4.000	101.6	5.315	135	6.152	2.79	7850	35000	5200	23200	SHE10	GRAE50NPPB
PSHE55	4.646	118	5.906	150	6.417	2.91	9800	43500	6500	29000	SHE11	GRAE55NPPB



Housing Units

PSHEY SERIES

- Metric series
- Tapped base pillow block
- Economy seals
- Set screw locking



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	H inch	H mm	K THREADS	O inch	O mm	L inch	L mm
PSHEY20	0.787	20	1.311	33.3	1.260	32	2.520	64	M 8	0.709	18.000	0.984	25.000
PSHEY25	0.984	25	1.437	36.5	1.417	36	2.756	70	M 10	0.768	19.500	1.063	27.000
PSHEY30	1.181	30	1.689	42.9	1.575	40	3.228	82	M 10	1.185	30.100	1.181	30.000
PSHEY35	1.378	35	1.874	47.6	1.772	45	3.661	93	M 10	1.004	25.500	1.378	35.000
PSHEY40	1.575	40	1.937	49.2	1.890	48	3.898	99	M12	1.142	29.000	1.555	39.500
PSHEY45	1.772	45	2.126	54	1.890	48	4.016	102	M12	1.201	30.500	1.634	41.500
PSHEY50	1.969	50	2.252	57.2	2.126	54	4.528	115	M 16	1.260	32.000	1.693	43.000

CONTINUED FROM ABOVE

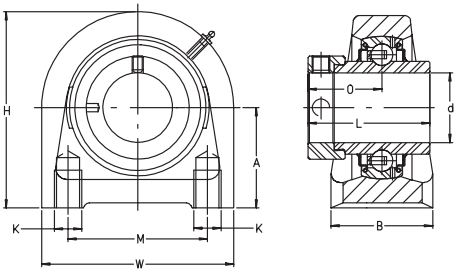
PART NUMBER	M inch	M mm	W inch	W mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	HOUSING	INSERT
PSHEY20	2.000	50.8	2.559	65	1.191	0.540	2,900	12800	1,480	6600	SHE04	GAY20NPPB
PSHEY25	2.000	50.8	2.756	70	1.389	0.630	3,150	14000	1,750	7800	SHE05	GAY25NPPB
PSHEY30	3.000	76.2	3.858	98	2.448	1.110	4,400	19500	2,550	11300	SHE06	GAY30NPPB
PSHEY35	3.252	82.6	4.055	103	3.374	1.530	5,750	25500	3,450	15300	SHE07	GAY35NPPB
PSHEY40	3.500	88.9	4.567	116	3.815	1.730	7,300	32500	4,450	19800	SHE08	GAY40NPPB
PSHEY45	3.752	95.3	4.724	120	5.027	2.280	7,300	32500	4,450	19800	SHE09	GAY45NPPB
PSHEY50	4.000	101.6	5.315	135	6.483	2.940	7,850	35000	5,200	23200	SHE10	GAY50NPPB



Housing Units

RSHE SERIES

- Metric series
- Tapped base pillow block
- Standard seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	H inch	H mm	K THREADS	O inch	O mm	L inch	L mm
RSHE20	0.787	20	1.311	33.3	1.260	32	2.520	64	M 8	1.047	26.600	1.721	43.700
RSHE25	0.984	25	1.437	36.5	1.417	36	2.756	70	M 10	1.059	26.900	1.748	44.400
RSHE30	1.181	30	1.689	42.9	1.575	40	3.228	82	M 10	0.827	21.000	1.906	48.400
RSHE35	1.378	35	1.874	47.6	1.772	45	3.661	93	M 10	1.272	32.300	2.012	51.100
RSHE40	1.575	40	1.937	49.2	1.890	48	3.898	99	M12	1.374	34.900	2.217	56.300
RSHE45	1.772	45	2.126	54	1.890	48	4.213	107	M12	1.374	34.900	2.217	56.300
RSHE50	1.969	50	2.252	57.2	2.126	54	4.528	115	M 16	1.500	38.100	2.469	62.700

CONTINUED FROM ABOVE

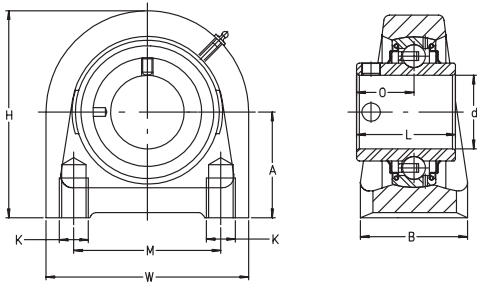
PART NUMBER	M inch	M mm	W inch	W mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	HOUSING	INSERT
RSHE20	2.000	50.8	2.559	65	1.213	0.550	2,900	12800	1,480	6600	SHE04	GE20KRRB
RSHE25	2.000	50.8	2.756	70	1.455	0.660	3,150	14000	1,750	7800	SHE05	GE25KRRB
RSHE30	3.000	76.2	3.858	98	2.470	1.120	4,400	19500	2,550	11300	SHE06	GE30KRRB
RSHE35	3.252	82.6	4.055	103	3.330	1.510	5,750	25500	3,450	15300	SHE07	GE35KRRB
RSHE40	3.500	88.9	4.567	116	4.322	1.960	7,300	32500	4,600	20400	SHE08	GE40KRRB
RSHE45	3.752	95.3	4.724	120	4.983	2.260	7,300	32500	4,600	20400	SHE09	GE45KRRB
RSHE50	4.000	101.6	5.315	135	6.659	3.020	7,850	35000	5,200	23200	SHE10	GE50KRRB



Housing Units

RSHEY SERIES

- Metric series
- Tapped base pillow block
- Standard seals
- Set screw locking



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	H inch	H mm	K THREADS	O inch	O mm	L inch	L mm
RSHEY20	0.787	20	1.311	33.3	1.260	32	2.520	64	M 8	0.721	18.300	0.984	25.000
RSHEY25	0.984	25	1.437	36.5	1.417	36	2.756	70	M 10	0.772	19.600	1.343	34.100
RSHEY30	1.181	30	1.689	42.9	1.575	40	3.228	82	M 10	0.874	22.200	1.500	38.100
RSHEY35	1.378	35	1.874	47.6	1.772	45	3.661	93	M 10	1.000	25.400	1.689	42.900
RSHEY40	1.575	40	1.937	49.2	1.890	48	3.898	99	M12	1.189	30.200	1.937	49.200
RSHEY45	1.772	45	2.126	54	1.890	48	4.213	107	M12	1.189	30.200	1.937	49.200
RSHEY50	1.969	50	2.252	57.2	2.126	54	4.528	115	M 16	1.284	32.600	2.032	51.600

CONTINUED FROM ABOVE

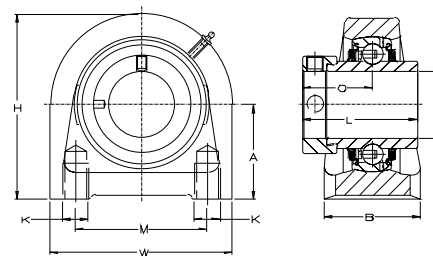
PART NUMBER	M inch	M mm	W inch	W mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	HOUSING	INSERT
RSHEY20	2.000	50.8	2.559	65	1.279	0.580	2,900	12800	1,480	6600	SHE04	GYE20KRRB
RSHEY25	2.000	50.8	2.756	70	1.566	0.710	3,150	14000	1,750	7800	SHE05	GYE25KRRB
RSHEY30	3.000	76.2	3.858	98	2.580	1.170	4,400	19500	2,550	11300	SHE06	GYE30KRRB
RSHEY35	3.252	82.6	4.055	103	3.462	1.570	5,750	25500	3,450	15300	SHE07	GYE35KRRB
RSHEY40	3.500	88.9	4.567	116	4.123	1.870	7,300	32500	4,600	20400	SHE08	GYE40KRRB
RSHEY45	3.752	95.3	4.724	120	5.226	2.370	7,300	32500	4,600	20400	SHE09	GYE45KRRB
RSHEY50	4.000	101.6	5.315	135	6.593	2.990	7,850	35000	5,200	23200	SHE10	GYE50KRRB



Tapped Base Housing Units

TSHE SERIES

- Metric series
- Tapped base pillow
- Tri-ply P3 seals
- Eccentric locking collar
- Metric tapped balls



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	H inch	H mm	K inch	O inch	O mm	L inch	L mm
TSHE20	0.787	20	1.311	33.3	1.260	32	2.520	64	M 8	1.047	26.600	1.720	43.700
TSHE25	0.984	25	1.437	36.5	1.417	36	2.756	70	M 10	1.059	26.900	1.748	44.400
TSHE30	1.181	30	1.689	42.9	1.575	40	3.228	82	M 10	1.185	30.100	1.906	48.400
TSHE35	1.378	35	1.874	47.6	1.772	45	3.661	93	M 10	1.272	32.300	3.252	82.600
TSHE40	1.575	40	1.937	49.2	1.890	48	3.898	99	M12	1.374	34.900	2.217	56.300
TSHE45	1.772	45	2.126	54	1.890	48	4.016	102	M12	1.374	34.900	2.217	56.300
TSHE50	1.969	50	2.252	57.2	2.126	54	4.528	115	M 16	1.500	38.100	2.469	62.700
TSHE55	2.165	55	2.520	64	2.362	60	4.921	125	M 16	1.717	43.600	2.811	71.400
TSHE60	2.362	60	2.752	69.9	2.362	60	5.512	140	M 16	1.843	46.800	3.063	77.800

CONTINUED FROM ABOVE

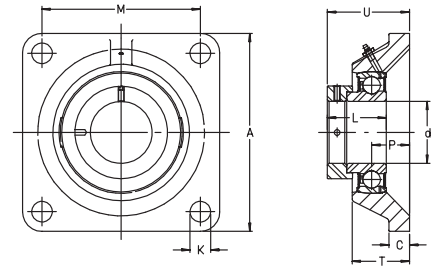
PART NUMBER	M inch	M mm	W inch	W mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	HOUSING	INSERT
TSHE20	2.000	50.8	2.559	65	1.21	0.55	2900	12800	1480	6600	SHE04	GE20KPPB3
TSHE25	2.000	50.8	2.756	70	1.46	0.66	3150	14000	1750	7800	SHE05	GE25KPPB3
TSHE30	3.000	76.2	3.858	98	2.49	1.13	4400	19500	2550	11300	SHE06	GE30KPPB3
TSHE35	3.252	82.6	4.055	103	3.35	1.52	5750	25500	3450	15300	SHE07	GE35KPPB3
TSHE40	3.500	88.9	4.567	116	4.39	1.99	7300	32500	4450	19800	SHE08	GE40KPPB3
TSHE45	3.752	95.3	4.724	120	5.09	2.31	7300	32500	4450	19800	SHE09	GE45KPPB3
TSHE50	4.000	101.6	5.315	135	6.79	3.08	7850	35000	5200	23200	SHE10	GE50KPPB3
TSHE55	4.646	118	5.906	150	7.92	3.59	9800	43500	6500	29000	SHE11	GE55KPPB3
TSHE60	4.646	118	5.906	150	10.01	4.54	11800	52000	8100	36000	SHE12	GE60KPPB3



Square Flange Housings

PCJ SERIES

- 4 bolt mounting
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

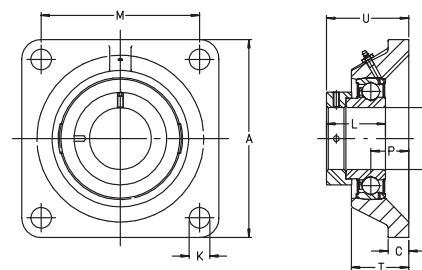
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
PCJ 12	-	0.472	12	2.992	76	0.394	10	0.453	11.5	1.126	28.6	2.126	54	1.103	0.5
PCJ 1/2	1/2	0.500	12.7	2.992	76	0.394	10	0.453	11.5	1.126	28.6	2.126	54	1.103	0.5
PCJ 15	-	0.591	15	2.992	76	0.394	10	0.453	11.5	1.126	28.6	2.126	54	1.103	0.5
PCJ 5/8	5/8	0.625	15.875	2.992	76	0.394	10	0.453	11.5	1.126	28.6	2.126	54	1.103	0.5
PCJ 17	-	0.669	17	2.992	76	0.394	10	0.453	11.5	1.126	28.6	2.126	54	1.103	0.5
PCJ 3/4	3/4	0.750	19.1	3.386	86	0.453	11.5	0.453	11.5	1.221	31	2.500	63.5	1.544	0.7
PCJ 20	-	0.787	20	3.386	86	0.394	10	0.453	11.5	1.221	31	2.500	63.5	1.544	0.7
PCJ 7/8	7/8	0.875	22.2	3.760	95.5	0.512	13	0.453	11.5	1.221	31	2.756	70	1.985	0.9
PCJ 25	-	0.984	25	3.740	95	0.433	11	0.453	11.5	1.221	31	2.756	70	1.985	0.9
PCJ 1	1	1.000	25.4	3.760	95.5	0.512	13	0.453	11.5	1.221	31	2.756	70	1.985	0.9
PCJ 1-1/16	1-1/16	1.063	26.9	4.272	108.5	0.512	13	0.453	11.5	1.406	35.7	3.248	82.5	2.867	1.3
PCJ 1-1/8	1-1/8	1.125	28.6	4.272	108.5	0.512	13	0.453	11.5	1.406	35.7	3.248	82.5	2.867	1.3
PCJ 30	-	1.181	30	4.252	108	0.472	12	0.453	11.5	1.406	35.7	3.248	82.5	2.867	1.3
PCJ 1-3/16	1-3/16	1.188	30.2	4.272	108.5	0.512	13	0.453	11.5	1.406	35.7	3.248	82.5	2.867	1.3
PCJ 1-1/4-206	1-1/4	1.250	31.8	4.272	108.5	0.512	13	0.453	11.5	1.406	35.7	3.248	82.5	2.867	1.3
PCJ 1-1/4	1-1/4	1.250	31.8	4.665	118.5	0.531	13.5	0.551	14	1.532	38.9	3.622	92	3.528	1.6
PCJ 1-3/8	1-3/8	1.375	34.9	4.665	118.5	0.531	13.5	0.551	14	1.532	38.9	3.622	92	3.528	1.6
PCJ 35	-	1.378	35	4.646	118	0.492	12.5	0.551	14	1.532	38.9	3.622	92	3.528	1.6
PCJ 1-7/16	1-7/16	1.438	36.5	4.665	118.5	0.531	13.5	0.551	14	1.532	38.9	3.622	92	3.528	1.6
PCJ 1-1/2	1-1/2	1.500	38.1	5.118	130	0.571	14.5	0.551	14	1.721	43.7	3.996	101.5	4.851	2.2
PCJ 40	-	1.575	40	5.118	130	0.512	13	0.551	14	1.721	43.7	3.996	101.5	4.851	2.2
PCJ 1-3/4	1-3/4	1.750	44.5	5.413	137.5	0.571	14.5	0.551	14	1.721	43.7	4.134	105	5.292	2.4
PCJ 45	-	1.772	45	5.413	137.5	0.512	13	0.551	14	1.721	43.7	4.134	105	5.292	2.4
PCJ 1-15/16	1-15/16	1.938	49.2	5.630	143	0.591	15	0.669	17	1.721	43.7	4.370	111	6.395	2.9
PCJ 50	-	1.969	50	5.630	143	0.512	13	0.551	14	1.721	43.7	4.370	111	6.395	2.9
PCJ 2	2	2.000	50.8	6.398	162.5	0.669	17	0.669	17	1.906	48.4	5.118	130	9.041	4.1
PCJ 55	-	2.165	55	6.398	162.5	0.669	17	0.669	17	1.906	48.4	5.118	130	9.041	4.1
PCJ 2-3/16	2-3/16	2.188	55.6	6.398	162.5	0.669	17	0.669	17	1.906	48.4	5.118	130	9.041	4.1
PCJ 60	-	2.362	60	6.890	175	0.630	16	0.709	18	2.091	53.1	5.630	143	11.025	5
PCJ 2-7/16	2-7/16	2.438	61.9	6.909	175.5	0.689	17.5	0.709	18	2.091	53.1	5.630	143	11.025	5

Square Flange Housings

PCJ SERIES

- 4 bolt mounting
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

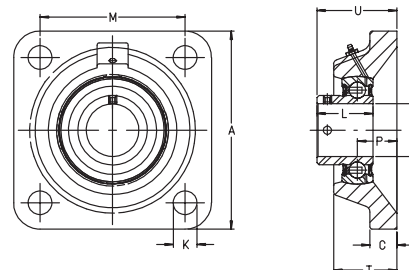
For engineering or technical information contact your local sales representative or call Distributor Sales

P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm							
0.669	17	0.945	24	1.539	39.1	GRAE 12 NPPB	CJ 03	2150	9600	1070	4750	PCJ 12
0.669	17	0.945	24	1.539	39.1	GRA 008 NPPB	CJ 03	2150	9600	1070	4750	PCJ 1/2
0.669	17	0.945	24	1.539	39.1	GRAE 15 NPPB	CJ 03	2150	9600	1070	4750	PCJ 15
0.669	17	0.945	24	1.539	39.1	GRA 010 NPPB	CJ 03	2150	9600	1070	4750	PCJ 5/8
0.669	17	0.945	24	1.539	39.1	GRAE 17 NPPB	CJ 03	2150	9600	1070	4750	PCJ 17
0.748	19	1.142	29	1.673	42.5	GRA 012 NPPB	CJ 04	2900	12800	1480	6600	PCJ 3/4
0.748	19	1.142	29	1.673	42.5	GRAE 20 NPPB	CJ 04	2900	12800	1480	6600	PCJ 20
0.748	19	1.201	30.5	1.673	42.5	GRA 014 NPPB	CJ 05	3150	14000	1760	7800	PCJ 7/8
0.748	19	1.142	29	1.673	42.5	GRAE 25 NPPB	CJ 05	3150	14000	1760	7800	PCJ 25
0.748	19	1.201	30.5	1.673	42.5	GRA 100 NPPB	CJ 05	3150	14000	1760	7800	PCJ 1
0.787	20	1.260	32	1.839	46.7	GRA 101 NPPB	CJ 06	4350	19500	2550	11300	PCJ 1-1/16
0.787	20	1.260	32	1.839	46.7	GRA 102 NPPB	CJ 06	4350	19500	2550	11300	PCJ 1-1/8
0.787	20	1.142	29	1.839	46.7	GRAE 30 NPPB	CJ 06	4350	19500	2550	11300	PCJ 30
0.787	20	1.260	32	1.839	46.7	GRA 103 NPPB	CJ 06	4350	19500	2550	11300	PCJ 1-3/16
0.787	20	1.260	32	1.839	46.7	GRA 104 NPPB-206	CJ 06	4350	19500	2550	11300	PCJ 1-1/4-206
0.827	21	1.358	34.5	1.984	50.4	GRA 104 NPPB	CJ 07	5800	25500	3450	15300	PCJ 1-1/4
0.827	21	1.358	34.5	1.984	50.4	GRA 106 NPPB	CJ 07	5800	25500	3450	15300	PCJ 1-3/8
0.827	21	1.201	30.5	1.984	50.4	GRAE 35 NPPB	CJ 07	5800	25500	3450	15300	PCJ 35
0.827	21	1.358	34.5	1.984	50.4	GRA 107 NPPB	CJ 07	5800	25500	3450	15300	PCJ 1-7/16
0.945	24	1.496	38	2.232	56.7	GRA 108 NPPB	CJ 08	7300	32500	4450	19800	PCJ 1-1/2
0.945	24	1.358	34.5	2.232	56.7	GRAE 40 NPPB	CJ 08	7300	32500	4450	19800	PCJ 40
0.945	24	1.496	38	2.232	56.7	GRA 112 NPPB	CJ 09	7400	32500	4600	20400	PCJ 1-3/4
0.945	24	1.496	38	2.232	56.7	GRAE 45 NPPB	CJ 09	7400	32500	4600	20400	PCJ 45
1.102	28	1.654	42	2.390	60.7	GRA 115 NPPB	CJ 10	7900	35000	5200	23200	PCJ 1-15/16
1.102	28	1.535	39	2.390	60.7	GRAE 50 NPPB	CJ 10	7900	35000	5200	23200	PCJ 50
1.221	31	1.850	47	2.654	67.4	GRA 200 NPPB	CJ 11	9800	43500	6600	29000	PCJ 2
1.221	31	1.850	47	2.654	67.4	GRAE 55 NPPB	CJ 11	9800	43500	6600	29000	PCJ 55
1.221	31	1.850	47	2.654	67.4	GRA 203 NPPB	CJ 11	9800	43500	6600	29000	PCJ 2-3/16
1.339	34	1.811	46	2.898	73.6	GRAE 60 NPPB	CJ 12	11800	52000	8100	36000	PCJ 60
1.339	34	1.929	49	2.898	73.6	GRA 207 NPPB	CJ 12	11800	52000	8100	36000	PCJ 2-7/16

Square Flanged Housings

PCJY SERIES

- 4 bolt mounting
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

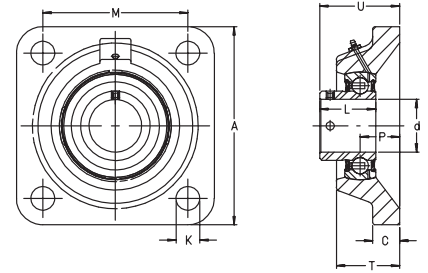
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	WGT. lbs	WGT. kg
PCJY 12		0.472	12	2.992	76	0.394	10	0.453	11.5	0.866	22	2.126	54	1.103	0.5
PCJY 1/2	1/2	0.500	12.7	2.992	76	0.394	10	0.453	11.5	0.866	22	2.126	54	1.103	0.5
PCJY 15	-	0.591	15	2.992	76	0.394	10	0.453	11.5	0.866	22	2.126	54	1.103	0.5
PCJY 5/8	5/8	0.625	15.9	2.992	76	0.394	10	0.453	11.5	0.866	22	2.126	54	1.103	0.5
PCJY 17	-	0.669	17	2.992	76	0.394	10	0.453	11.5	0.866	22	2.126	54	1.103	0.5
PCJY 3/4	3/4	0.750	19.1	3.386	86	0.394	11.5	0.453	11.5	0.984	25	2.500	63.5	1.544	0.7
PCJY 20	-	0.787	20	3.386	86	0.453	10	0.453	11.5	0.984	25	2.500	63.5	1.544	0.7
PCJY 7/8	7/8	0.875	22.2	3.760	95.5	0.394	13	0.453	11.5	1.063	27	2.756	70	1.985	0.9
PCJY 25	-	0.984	25	3.740	95	0.512	11	0.453	11.5	1.063	27	2.756	70	1.985	0.9
PCJY 1	1	1.000	25.4	3.760	95.5	0.433	13	0.453	11.5	1.063	27	2.756	70	1.985	0.9
PCJY 30	-	1.181	30	4.252	108	0.512	12	0.453	11.5	1.181	30	3.248	82.5	2.867	1.3
PCJY 1-3/16	1-3/16	1.188	30.2	4.272	108.5	0.472	13	0.453	11.5	1.181	30	3.248	82.5	2.867	1.3
PCJY 1-1/4	1-1/4	1.250	31.8	4.665	118.5	0.512	13.5	0.551	14	1.378	35	3.622	92	3.528	1.6
PCJY 35	-	1.378	35	4.646	118	0.531	12.5	0.551	14	1.378	35	3.622	92	3.528	1.6
PCJY 1-7/16	1-7/16	1.438	36.5	4.665	118.5	0.492	13.5	0.551	14	1.378	35	3.622	92	3.528	1.6
PCJY 1-1/2	1-1/2	1.500	38.1	5.118	130	0.531	14.5	0.551	14	1.555	39.5	3.996	101.5	4.851	2.2
PCJY 40	-	1.575	40	5.118	130	0.571	13	0.551	14	1.555	39.5	3.996	101.5	4.851	2.2
PCJY 1-3/4	1-3/4	1.750	44.5	5.413	137.5	0.512	14.5	0.551	14	1.634	41.5	4.134	105	5.292	2.4
PCJY 45	-	1.772	45	5.413	137.5	0.571	13	0.551	14	1.634	41.5	4.134	105	5.292	2.4
PCJY 1-15/16	1-15/16	1.938	49.2	5.630	143	0.512	15	0.669	17	1.693	43	4.370	111	6.395	2.9
PCJY 50	50	1.969	50	5.630	143	0.591	13	0.551	14	1.693	43	4.370	111	6.395	2.9

Square Flanged Housings

PCJY SERIES

- 4 bolt mounting
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

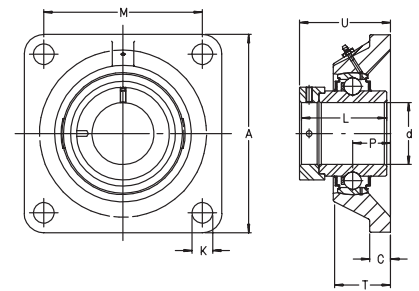
For engineering or technical information contact your local sales representative or call Distributor Sales

P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm							
0.669	17	0.945	24	1.299	33	GAY12 NPPB	CJ 03	2150	9600	1070	4750	PCJY 12
0.669	17	0.945	24	1.299	33	GAY008 NPPB	CJ 03	2150	9600	1070	4750	PCJY 1/2
0.669	17	0.945	24	1.299	33	GAY15 NPPB	CJ 03	2150	9600	1070	4750	PCJY 15
0.669	17	0.945	24	1.299	33	GAY010 NPPB	CJ 03	2150	9600	1070	4750	PCJY 5/8
0.669	17	0.945	24	1.299	33	GAY17 NPPB	CJ 03	2150	9600	1070	4750	PCJY 17
0.748	19	1.161	29.5	1.457	37	GAY012 NPPB	CJ 04	2900	12800	1480	6600	PCJY 3/4
0.748	19	1.142	29	1.457	37	GAY20 NPPB	CJ 04	2900	12800	1480	6600	PCJY 20
0.748	19	1.201	30.5	1.516	38.5	GAY014 NPPB	CJ 05	3150	14000	1760	7800	PCJY 7/8
0.748	19	1.142	29	1.516	38.5	GAY25 NPPB	CJ 05	3150	14000	1760	7800	PCJY 25
0.748	19	1.201	30.5	1.516	38.5	GAY100 NPPB	CJ 05	3150	14000	1760	7800	PCJY 1
0.787	20	1.142	29	1.614	41	GAY30 NPPB	CJ 06	4350	19500	2550	11300	PCJY 30
0.787	20	1.260	32	1.614	41	GAY103 NPPB	CJ 06	4350	19500	2550	11300	PCJY 1-3/16
0.827	21	1.358	34.5	1.831	46.5	GAY104 NPPB	CJ 07	5800	25500	3450	15300	PCJY 1-1/4
0.827	21	1.201	30.5	1.831	46.5	GAY35 NPPB	CJ 07	5800	25500	3450	15300	PCJY 35
0.827	21	1.358	34.5	1.831	46.5	GAY107 NPPB	CJ 07	5800	25500	3450	15300	PCJY 1-7/16
0.945	24	1.496	38	2.087	53	GAY108 NPPB	CJ 08	7300	32500	4450	19800	PCJY 1-1/2
0.945	24	1.358	34.5	2.087	53	GAY40 NPPB	CJ 08	7300	32500	4450	19800	PCJY 40
0.945	24	1.496	38	2.146	54.5	GAY112 NPPB	CJ 09	7400	32500	4600	20400	PCJY 1-3/4
0.945	24	1.496	38	2.146	54.5	GAY45 NPPB	CJ 09	7400	32500	4600	20400	PCJY 45
1.102	28	1.654	42	2.362	60	GAY115 NPPB	CJ 10	7900	35000	5200	23200	PCJY 1-15/16
1.102	28	1.535	39	2.362	60	GAY50 NPPB	CJ 10	7900	35000	5200	23200	PCJY 50

Square Flange Housings

RCJ SERIES

- 4 bolt mounting
- Eccentric locking collar
- Standard R seals
- Inch and metric
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

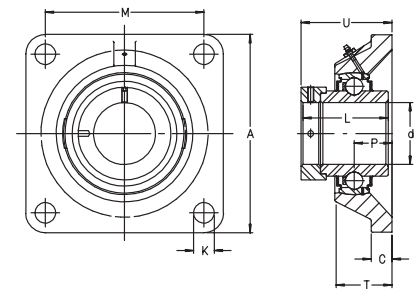
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	WGT. lbs	WGT. kg
RCJ 1/2	1/2	0.500	12.7	2.992	76	0.394	10	0.453	11.5	1.469	37.3	2.126	54	1.103	0.5
RCJ 15	-	0.591	15	2.992	76	0.394	10	0.453	11.5	1.469	37.3	2.126	54	1.103	0.5
RCJ 5/8	5/8	0.625	15.9	2.992	76	0.394	10	0.453	11.5	1.469	37.3	2.126	54	1.103	0.5
RCJ 3/4	3/4	0.750	19.1	3.386	86	0.394	10	0.453	11.5	1.721	43.7	2.500	63.5	1.544	0.7
RCJ 20	-	0.787	20	3.386	86	0.453	11.5	0.453	11.5	1.721	43.7	2.500	63.5	1.544	0.7
RCJ 7/8	7/8	0.875	22.2	3.760	95.5	0.394	10	0.453	11.5	1.748	44.4	2.756	70	1.985	0.9
RCJ 15/16	15/16	0.938	23.8	3.760	95.5	0.512	13	0.453	11.5	1.748	44.4	2.756	70	1.985	0.9
RCJ 25	-	0.984	25	3.740	95	0.512	13	0.453	11.5	1.748	44.4	2.756	70	1.985	0.9
RCJ 1	1	1.000	25.4	3.760	95.5	0.433	11	0.453	11.5	1.748	44.4	2.756	70	1.985	0.9
RCJ 1-1/8	1-1/8	1.125	28.6	4.272	108.5	0.512	13	0.453	11.5	1.906	48.4	3.248	82.5	2.867	1.3
RCJ 30	-	1.181	30	4.252	108	0.512	13	0.453	11.5	1.906	48.4	3.248	82.5	2.867	1.3
RCJ 1-3/16	1-3/16	1.188	30.2	4.272	108.5	0.472	12	0.453	11.5	1.906	48.4	3.248	82.5	2.867	1.3
RCJ 1-1/4	1-1/4	1.250	31.8	4.665	118.5	0.512	13	0.551	14	2.012	51.1	3.622	92	3.528	1.6
RCJ 1-3/8	1-3/8	1.375	34.9	4.665	118.5	0.512	13	0.551	14	2.012	51.1	3.622	92	3.528	1.6
RCJ 35	-	1.378	35	4.646	118	0.531	13.5	0.551	14	2.012	51.1	3.622	92	3.528	1.6
RCJ 1-7/16	1-7/16	1.438	36.5	4.665	118.5	0.531	13.5	0.551	14	2.012	51.1	3.622	92	3.528	1.6
RCJ 1-1/2	1-1/2	1.500	38.1	5.118	130	0.492	12.5	0.551	14	2.217	56.3	3.996	101.5	4.851	2.2
RCJ 40	-	1.575	40	5.118	130	0.531	13.5	0.551	14	2.217	56.3	3.996	101.5	4.851	2.2
RCJ 1-5/8	1-5/8	1.625	41.3	5.413	137.5	0.571	14.5	0.551	14	2.217	56.3	4.134	105	5.292	2.4
RCJ 1-11/16	1-11/16	1.688	42.9	5.413	137.5	0.512	13	0.551	14	2.217	56.3	4.134	105	5.292	2.4
RCJ 1-3/4	1-3/4	1.750	44.5	5.413	137.5	0.571	14.5	0.551	14	2.217	56.3	4.134	105	5.292	2.4
RCJ 45	-	1.772	45	5.413	137.5	0.571	14.5	0.551	14	2.217	56.3	4.134	105	5.292	2.4
RCJ 1-15/16	1-15/16	1.938	49.2	5.630	143	0.571	14.5	0.669	17	2.469	62.7	4.370	111	6.395	2.9
RCJ 50	-	1.969	50	5.630	143	0.512	13	0.551	14	2.469	62.7	4.370	111	6.395	2.9
RCJ 2	2	2.000	50.8	6.398	162.5	0.591	15	0.669	17	2.811	71.4	5.118	130	9.041	4.1
RCJ 55	-	2.165	55	6.398	162.5	0.512	13	0.669	17	2.811	71.4	5.118	130	9.041	4.1
RCJ 2-3/16	2-3/16	2.188	55.6	6.398	162.5	0.669	17	0.669	17	2.811	71.4	5.118	130	9.041	4.1
RCJ 60	-	2.362	60	6.890	175	0.669	17	0.709	18	3.063	77.8	5.630	143	11.025	5
RCJ 2-7/16	2-7/16	2.438	61.9	6.890	175	0.669	17	0.709	18	3.063	77.8	5.630	143	11.025	5
RCJ 65	-	2.559	65	7.402	188	0.630	16	0.709	18	2.602	66.1	5.906	150	13.473	6.11
RCJ 70	-	2.756	70	7.402	188	0.689	17.5	0.709	18	2.602	66.1	5.906	150	13.010	5.9
RCJ 75	-	2.953	75	7.756	197	0.709	18	0.906	23	2.642	67.1	6.024	153	14.333	6.5
RCJ 80	-	3.150	80	7.756	197	0.709	18	0.906	23	2.795	71	6.024	153	13.010	6.9

Square Flange Housings

RCJ SERIES

- 4 bolt mounting
- Eccentric locking collar
- Standard R seals
- Inch and metric
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

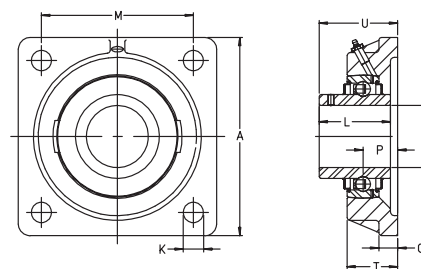
For engineering or technical information contact your local sales representative or call Distributor Sales

P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm							
0.669	17	0.945	24	1.591	40.4	G1008 KRRB	CJ 03	2150	9600	1070	4750	RCJ 1/2
0.669	17	0.945	24	1.591	40.4	GE15 KRRB	CJ 03	2150	9600	1070	4750	RCJ 15
0.669	17	0.945	24	1.591	40.4	G1010 KRRB	CJ 03	2150	9600	1070	4750	RCJ 5/8
0.748	19	1.142	29	1.795	45.6	G1012 KRRB	CJ 04	2900	12800	1480	6600	RCJ 3/4
0.748	19	1.142	29	1.795	45.6	GE20 KRRB	CJ 04	2900	12800	1480	6600	RCJ 20
0.748	19	1.201	30.5	1.807	45.9	G1014 KRRB	CJ 05	3150	14000	1760	7800	RCJ 7/8
0.748	19	1.201	30.5	1.807	45.9	G1015KRRB	CJ 05	3150	14000	1760	7800	RCJ 15/16
0.748	19	1.142	29	1.807	45.9	GE25 KRRB	CJ 05	3150	14000	1760	7800	RCJ 25
0.748	19	1.201	30.5	1.807	45.9	G1100 KRRB	CJ 05	3150	14000	1760	7800	RCJ 1
0.787	20	1.260	32	1.972	50.1	G1102 KRRB	CJ 06	4350	19500	2550	11300	RCJ 1-1/8
0.787	20	1.142	29	1.972	50.1	GE30 KRRB	CJ 06	4350	19500	2550	11300	RCJ 30
0.787	20	1.260	32	1.972	50.1	G1103 KRRB	CJ 06	4350	19500	2550	11300	RCJ 1-3/16
0.827	21	1.358	34.5	2.098	53.3	G1104 KRRB	CJ 07	5800	25500	3450	15300	RCJ 1-1/4
0.827	21	1.358	34.5	2.098	53.3	G1106 KRRB	CJ 07	5800	25500	3450	15300	RCJ 1-3/8
0.827	21	1.201	30.5	2.098	53.3	GE35 KRRB	CJ 07	5800	25500	3450	15300	RCJ 35
0.827	21	1.358	34.5	2.098	53.3	G1107 KRRB	CJ 07	5800	25500	3450	15300	RCJ 1-7/16
0.945	24	1.496	38	2.319	58.9	G1108 KRRB	CJ 08	7300	32500	4450	19800	RCJ 1-1/2
0.945	24	1.358	34.5	2.319	58.9	GE40 KRRB	CJ 08	7300	32500	4450	19800	RCJ 40
0.945	24	1.496	38	2.319	58.9	G1110KRRB	CJ 09	7400	32500	4600	20400	RCJ 1-5/8
0.945	24	1.496	38	2.319	58.9	G1111KRRB	CJ 09	7400	32500	4600	20400	RCJ 1-11/16
0.945	24	1.496	38	2.319	58.9	G1112 KRRB	CJ 09	7400	32500	4600	20400	RCJ 1-3/4
0.945	24	1.496	38	2.319	58.9	GE45 KRRB	CJ 09	7400	32500	4600	20400	RCJ 45
1.102	28	1.654	42	2.602	66.1	G1115 KRRB	CJ 10	7900	35000	5200	23200	RCJ 1-15/16
1.102	28	1.535	39	2.602	66.1	GE50 KRRB	CJ 10	7900	35000	5200	23200	RCJ 50
1.221	31	1.850	47	2.937	74.6	G1200 KRRB	CJ 11	9800	43500	6600	29000	RCJ 2
1.220	31	1.850	47	2.937	74.6	GE55 KRRB	CJ 11	9800	43500	6600	29000	RCJ 55
1.221	31	1.850	47	2.937	74.6	G1203 KRRB	CJ 11	9800	43500	6600	29000	RCJ 2-3/16
1.339	34	1.811	46	3.181	80.8	GE60 KRRB	CJ 12	11800	52000	8100	36000	RCJ 60
1.339	34	1.929	49	3.181	80.8	G1207 KRRB	CJ 12	11800	52000	8100	36000	RCJ 2-7/16
1.496	38	2.047	52	3.252	82.6	GE65 KRRB	CJ14	14000	62000	9900	44000	RCJ 65
1.496	38	2.047	52	3.252	82.6	GE70 KRRB	CJ14	14000	62000	9900	44000	RCJ 70
1.626	41.3	2.244	57	3.421	86.9	GE75 KRRB	CJ15	14000	62000	10100	44500	RCJ 75
1.626	41.3	2.197	56	3.500	88.9	GE80 KRRB	CJ16	16100	72000	12200	54000	RCJ 80

Square Flanged Housings

RCJY SERIES

- Four bolt mounting
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

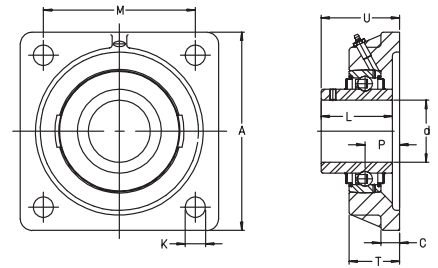
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RCJY 1/2	1/2	0.500	12.7	2.992	76	0.394	10	0.453	11.5	1.079	27.4	2.126	54	1.103	0.5
RCJY 15	-	0.591	15	2.992	76	0.394	10	0.453	11.5	1.079	27.4	2.126	54	1.103	0.5
RCJY 5/8	5/8	0.625	15.9	2.992	76	0.394	10	0.453	11.5	1.079	27.4	2.126	54	1.103	0.5
RCJY 17	-	0.669	17	2.992	76	0.394	10	0.453	11.5	1.079	27.4	2.126	54	1.103	0.5
RCJY 3/4	3/4	0.750	19.05	3.386	86	0.453	11.5	0.453	11.5	1.221	31	2.500	63.5	1.544	0.7
RCJY 20	-	0.787	20	3.386	86	0.394	10	0.453	11.5	1.221	31	2.500	63.5	1.544	0.7
RCJY 7/8	7/8	0.875	22.2	3.760	95.5	0.512	13	0.453	11.5	1.343	34.1	2.756	70	1.985	0.9
RCJY 15/16	15/16	0.938	23.8	3.760	95.5	0.512	13	0.453	11.5	1.343	34.1	2.756	70	1.985	0.9
RCJY 25	-	0.984	25	3.740	95	0.433	11	0.453	11.5	1.343	34.1	2.756	70	1.985	0.9
RCJY 1	1	1.000	25.4	3.760	95.5	0.512	13	0.453	11.5	1.343	34.1	2.756	70	1.985	0.9
RCJY 1-1/8	1-1/8	1.125	28.6	4.272	108.5	0.512	13	0.453	11.5	1.500	38.1	3.248	82.5	2.867	1.3
RCJY 30	-	1.181	30	4.252	108	0.472	12	0.453	11.5	1.500	38.1	3.248	82.5	2.867	1.3
RCJY 1-3/16	1-3/16	1.188	30.2	4.272	108.5	0.512	13	0.453	11.5	1.500	38.1	3.248	82.5	2.867	1.3
RCJY 1-1/4-206	1-1/4	1.250	31.8	4.272	108.5	0.512	13	0.453	11.5	1.500	38.1	3.248	82.5	2.867	1.3
RCJY 1-1/4	1-1/4	1.250	31.8	4.665	118.5	0.531	13.5	0.551	14	1.689	42.9	3.622	92	3.528	1.6
RCJY 1-3/8	1-3/8	1.375	34.9	4.665	118.5	0.531	13.5	0.551	14	1.689	42.9	3.622	92	3.528	1.6
RCJY 35	-	1.378	35	4.646	118	0.492	12.5	0.551	14	1.689	42.9	3.622	92	3.528	1.6
RCJY 1-7/16	1-7/16	1.438	36.5	4.665	118.5	0.531	13.5	0.551	14	1.689	42.9	3.622	92	3.528	1.6
RCJY 1-1/2	1-1/2	1.500	38.1	5.118	130	0.571	14.5	0.551	14	1.937	49.2	3.996	101.5	4.851	2.2
RCJY 40	-	1.575	40	5.118	130	0.512	13	0.551	14	1.937	49.2	3.996	101.5	4.851	2.2
RCJY 1-5/8	1-5/8	1.625	41.3	5.413	137.5	0.571	14.5	0.551	14	1.937	49.2	4.134	105	5.292	2.4
RCJY 1-11/16	1-11/16	1.688	42.9	5.413	137.5	0.571	14.5	0.551	14	1.937	49.2	4.134	105	5.292	2.4
RCJY 1-3/4	1-3/4	1.750	44.5	5.413	137.5	0.571	14.5	0.551	14	1.937	49.2	4.134	105	5.292	2.4
RCJY 45	-	1.772	45	5.413	137.5	0.512	13	0.551	14	1.937	49.2	4.134	105	5.292	2.4
RCJY 1-15/16	1-15/16	1.938	49.2	5.630	143	0.591	15	0.669	17	2.032	51.6	4.370	111	6.395	2.9
RCJY 50	-	1.969	50	5.630	143	0.512	13	0.551	14	2.032	51.6	4.370	111	6.395	2.9
RCJY 2	2	2.000	50.8	6.398	162.5	0.669	17	0.669	17	2.189	55.6	5.118	130	9.041	4.1
RCJY 55	-	2.165	55	6.398	162.5	0.669	17	0.669	17	2.189	55.6	5.118	130	9.041	4.1
RCJY 2-3/16	2-3/16	2.188	55.6	6.398	162.5	0.669	17	0.669	17	2.189	55.6	5.118	130	9.041	4.1
RCJY 60	-	2.362	60	6.890	175	0.630	16	0.709	18	2.563	65.1	5.630	143	11.025	5
RCJY 2-7/16	2-7/16	2.438	61.9	6.909	175.5	0.689	17.5	0.709	18	2.563	65.1	5.630	143	11.025	5
RCJY 65	-	2.559	65	7.402	188	0.709	18	0.709	18	2.937	74.6	5.906	150	12.458	5.7
RCJY 70	-	2.756	70	7.402	188	0.709	18	0.709	18	2.937	74.6	5.906	150	11.797	5.4
RCJY 75	-	2.953	75	7.874	200	0.866	22	0.906	23	3.063	77.8	6.024	153	13.318	6
RCJY 80	-	3.150	80	7.756	197	0.787	20	0.906	23	3.252	82.6	6.024	153	15.038	6.8



Square Flanged Housings

RCJY SERIES

- Four bolt mounting
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

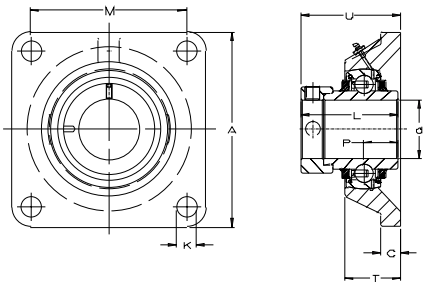
For engineering or technical information contact your local sales representative or call Distributor Sales

P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm							
0.669	17	0.945	24	1.295	32.9	GY1008 KRRB	CJ 03	2150	9600	1070	4750	RCJY 1/2
0.669	17	0.945	24	1.295	32.9	GYE15 KRRB	CJ 03	2150	9600	1070	4750	RCJY 15
0.669	17	0.945	24	1.295	32.9	GY1010 KRRB	CJ 03	2150	9600	1070	4750	RCJY 5/8
0.669	17	0.945	24	1.295	32.9	GYE17 KRRB	CJ 03	2150	9600	1070	4750	RCJY 17
0.748	19	1.142	29	1.469	37.3	GY1012 KRRB	CJ 04	2900	12800	1480	6600	RCJY 3/4
0.748	19	1.142	29	1.469	37.3	GYE20 KRRB	CJ 04	2900	12800	1480	6600	RCJY 20
0.748	19	1.201	30.5	1.528	38.8	GY1014 KRRB	CJ 05	3150	14000	1760	7800	RCJY 7/8
0.748	19	1.201	30.5	1.528	38.8	GY1015 KRRB	CJ 05	3150	14000	1760	7800	RCJY 15/16
0.748	19	1.142	29	1.528	38.8	GYE25 KRRB	CJ 05	3150	14000	1760	7800	RCJY 25
0.748	19	1.201	30.5	1.528	38.8	GY1100 KRRB	CJ 05	3150	14000	1760	7800	RCJY 1
0.787	20	1.260	32	1.661	42.2	GY1102 KRRB	CJ 06	4350	19500	2550	11300	RCJY 1-1/8
0.787	20	1.142	29	1.661	42.2	GYE30 KRRB	CJ 06	4350	19500	2550	11300	RCJY 30
0.787	20	1.260	32	1.661	42.2	GY1103 KRRB	CJ 06	4350	19500	2550	11300	RCJY 1-3/16
0.787	20	1.260	32	1.661	42.2	GY1104 KRRB-206	CJ 06	4350	19500	2550	11300	RCJY 1-1/4-206
0.827	21	1.358	34.5	1.827	46.4	GY1104 KRRB	CJ 07	5800	25500	3450	15300	RCJY 1-1/4
0.827	21	1.358	34.5	1.827	46.4	GY1106 KRRB	CJ 07	5800	25500	3450	15300	RCJY 1-3/8
0.827	21	1.201	30.5	1.827	46.4	GYE35 KRRB	CJ 07	5800	25500	3450	15300	RCJY 35
0.827	21	1.358	34.5	1.827	46.4	GY1107 KRRB	CJ 07	5800	25500	3450	15300	RCJY 1-7/16
0.945	24	1.496	38	2.134	54.2	GY1108 KRRB	CJ 08	7300	32500	4450	19800	RCJY 1-1/2
0.945	24	1.358	34.5	2.134	54.2	GYE40 KRRB	CJ 08	7300	32500	4450	19800	RCJY 40
0.945	24	1.496	38	2.134	54.2	GY1110 KRRB	CJ 09	7400	32500	4600	20400	RCJY 1-5/8
0.945	24	1.496	38	2.134	54.2	GY1111 KRRB	CJ 09	7400	32500	4600	20400	RCJY 1-11/16
0.945	24	1.496	38	2.134	54.2	GY1112 KRRB	CJ 09	7400	32500	4600	20400	RCJY 1-3/4
0.945	24	1.496	38	2.134	54.2	GYE45 KRRB	CJ 09	7400	32500	4600	20400	RCJY 45
1.102	28	1.654	42	2.386	60.6	GY1115 KRRB	CJ 10	7900	35000	5200	23200	RCJY 1-15/16
1.102	28	1.535	39	2.386	60.6	GYE50 KRRB	CJ 10	7900	35000	5200	23200	RCJY 50
1.221	31	1.850	47	2.535	64.4	GY1200 KRRB	CJ 11	9800	43500	6600	29000	RCJY 2
1.221	31	1.850	47	2.535	64.4	GYE55 KRRB	CJ 11	9800	43500	6600	29000	RCJY 55
1.221	31	1.850	47	2.535	64.4	GY1203 KRRB	CJ 11	9800	43500	6600	29000	RCJY 2-3/16
1.339	34	1.811	46	2.902	73.7	GYE60 KRRB	CJ 12	11800	52000	8100	36000	RCJY 60
1.339	34	1.929	49	2.902	73.7	GY1207 KRRB	CJ 12	11800	52000	8100	36000	RCJY 2-7/16
1.496	38	2.047	52	3.244	82.4	GYE65 KRRB	CJ 14	14000	62000	9900	44000	RCJY 65
1.496	38	2.047	52	3.244	82.4	GYE70 KRRB	CJ 14	14000	62000	9900	44000	RCJY 70
1.626	41.3	2.244	57	3.378	85.8	GYE75KRRB	CJ 15	14000	62000	10100	44500	RCJY 75
1.626	41.3	2.197	56	3.567	90.6	GYE80 KRRB	CJ 16	16100	72000	12200	54000	RCJY 80

Square Flanged Housings

TCJ SERIES

- Four bolt mounting
- Tri-ply P3 seals
- Inner ring extended on both sides
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales .

PART NUMBER	SHAFT d	SHAFT d	A	A	C	C	K	K	L	L	M	M	m	m
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
TCJ 20	0.787	20	3.386	86	0.394	10	0.453	11.5	1.72	43.7	2.500	63.5	0.295	0.65
TCJ 25	0.984	25	3.740	95	0.433	11	0.453	11.5	1.748	44.4	2.756	70	0.372	0.82
TCJ 30	1.181	30	4.252	108	0.472	12	0.453	11.5	1.906	48.4	3.248	82.5	0.526	1.16
TCJ 35	1.378	35	4.646	118	0.492	12.5	0.551	14	2.012	51.1	3.622	92	0.667	1.47
TCJ 40	1.575	40	5.118	130	0.512	13	0.551	14	2.217	56.3	3.996	101.5	0.916	2.02
TCJ 45	1.772	45	5.394	137	0.512	13	0.551	14	2.217	56.3	4.134	105	1.048	2.31
TCJ 50	1.969	50	5.630	143	0.512	13	0.709	18	2.469	62.7	4.370	111	1.147	2.53
TCJ 55	2.165	55	6.378	162	0.591	15	0.709	18	2.811	71.4	5.118	130	1.619	3.57
TCJ 60	2.362	60	6.890	175	0.630	16	0.709	18	3.063	77.8	5.630	143	2.059	4.54
TCJ 65	2.559	65	7.402	188	0.709	18	0.709	18	2.602	66.1	5.906	150	2.771	6.11
TCJ 70	2.756	70	7.402	188	0.709	18	0.709	18	2.602	66.1	5.906	150	2.653	5.85
TCJ 75	2.953	75	7.756	197	0.787	20	0.906	23	2.642	67.1	6.024	153	2.948	6.50
TCJ 80	3.15	80	7.756	197	0.787	20	0.906	23	2.795	71	6.024	153	3.107	6.85

CONTINUED FROM ABOVE

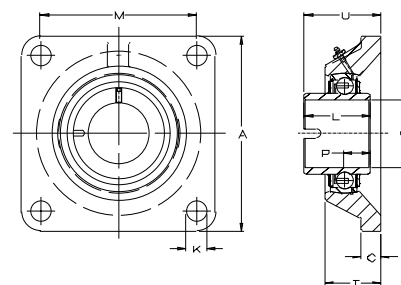
PART NUMBER	P	P	Q	T	T	U	U	HOUSING	INSERT	DYN. C _r lbf	LOAD C _r N	STAT. C ₀ lbf	LOAD C ₀ N
	inch	mm		inch	mm	inch	mm						
TCJ 20	0.748	19	R 1/8	1.142	29.00	1.795	45.60	CJ 04	GE 20 KPPB 3	2880	12800	1490	6600
TCJ 25	0.748	19	R 1/8	1.142	29.00	1.807	45.90	CJ 05	GE 25 KPPB 3	3150	14000	1750	7800
TCJ 30	0.787	20	R 1/8	1.142	29.00	1.972	50.10	CJ 06	GE 30 KPPB 3	4400	19500	2550	11300
TCJ 35	0.827	21	R 1/8	1.201	30.50	2.098	53.30	CJ 07	GE 35 KPPB 3	5700	25500	3450	15300
TCJ 40	0.945	24	R 1/8	1.358	34.50	2.319	58.90	CJ 08	GE 40 KPPB 3	7300	32500	4450	19800
TCJ 45	0.945	24	R 1/8	1.378	35.00	2.319	58.90	CJ 09	GE 45 KPPB 3	7300	32500	4600	20400
TCJ 50	1.102	28	R 1/8	1.535	39.00	2.602	66.10	CJ 10	GE 50 KPPB 3	7900	35000	5200	23200
TCJ 55	1.220	31	R 1/8	1.713	43.50	2.937	74.60	CJ 11	GE 55 KPPB 3	9800	43500	6500	29000
TCJ 60	1.339	34	R 1/8	1.811	46.00	3.181	80.80	CJ 12	GE 60 KPPB 3	11500	52000	8100	36000
TCJ 65	1.496	38	R 1/8	2.047	52.00	3.252	82.60	CJ 14	GE 65 KPPB 3	14000	62000	9900	44000
TCJ 70	1.496	38	R 1/8	2.047	52.00	3.252	82.60	CJ 14	GE 70 KPPB 3	14000	62000	9900	44000
TCJ 75	1.626	41.3	R 1/8	2.197	55.80	3.421	86.90	CJ 15	GE 75 KPPB 3	14000	62000	10000	44500
TCJ 80	1.626	41.3	R 1/8	2.197	55.80	3.500	88.90	CJ 16	GE 80 KPPB 3	16000	72000	12000	54000



Square Flanged Housings

RCJL SERIES

- Four bolt mounting
- Metric series
- Non-locating/Expansion type
- Drive slot on inner ring
- Radial internal clearance C4.



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RCJL 30	-	1.181	30	4.252	108	0.472	12	0.453	11.5	1.437	36.5	3.248	82.5	2.38	1.08
RCJL 35	-	1.378	35	4.646	118	0.492	12.5	0.551	14	1.484	37.7	3.622	92	2.97	1.35
RCJL 40	-	1.575	40	5.118	130	0.472	12	0.551	14	1.689	42.9	3.996	101.5	4.09	1.86
RCJL 45	-	1.772	45	5.394	137	0.512	13	0.551	14	1.689	42.9	4.134	105	4.64	2.11
RCJL 50	-	1.969	50	5.630	143	0.512	13	0.709	18	1.937	49.2	4.370	111	5.04	2.29
RCJL 60	-	2.362	60	6.890	175	0.630	16	0.709	18	2.437	61.9	5.630	143	9.28	4.22
RCJL 70	-	2.756	70	7.402	188	0.709	18	0.709	18	2.685	68.2	5.906	150	12.43	5.65

CONTINUED FROM ABOVE

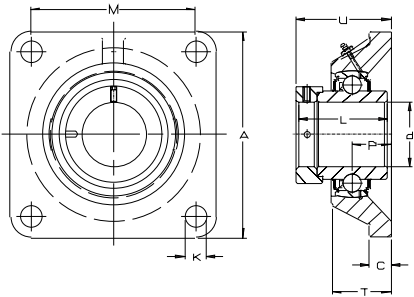
PART NUMBER	P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀
	inch	mm	inch	mm	inch	mm			lbf	N	lbf	N
RCJL 30	0.787	20	1.142	29	1.654	42	GLE30 KRRB	CJ 06	4350	19500	2550	11300
RCJL 35	0.827	21	1.201	30.5	1.693	43	GLE35 KRRB	CJ 07	5800	25500	3450	15300
RCJL 40	0.945	24	1.358	34.5	2.008	51	GLE40 KRRB	CJ 08	7300	32500	4450	19800
RCJL 45	0.945	24	1.378	35	1.949	49.5	GLE45 KRRB	CJ 09	7400	32500	4600	20400
RCJL 50	1.102	28	1.535	39	2.291	58.2	GLE50 KRRB	CJ 10	7900	35000	5200	23200
RCJL 60	1.339	34	1.811	46	2.807	71.3	GLE60 KRRB	CJ 12	11800	52000	8100	36000
RCJL 70	1.496	38	2.047	52	3.118	79.2	GLE70 KRRB	CJ14	14000	62000	9900	44000



Square Flanged Housings

RCJO SERIES

- Four bolt mounting
- Standard R seals
- Inner ring extended both sides
- Eccentric locking collar
- Heavy series insert - based on 6300 Series



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RCJO 30	-	1.181	30	4.921	125	0.591	15	0.571	14.5	1.969	50	3.740	95	3.86	1.8
RCJO 35	-	1.378	35	5.315	135	0.630	16	0.748	19	2.031	51.6	3.937	100	5.62	2.6
RCJO 40	-	1.575	40	5.906	150	0.669	17	0.748	19	2.150	54.6	4.409	112	6.84	3.1
RCJO 50	-	1.969	50	6.890	175	0.748	19	0.906	23	2.626	66.7	5.197	132	10.80	4.9
RCJO 60	-	2.362	60	7.677	195	0.866	22	0.906	23	2.693	68.4	5.906	150	14.99	6.8
RCJO 70	-	2.756	70	8.898	226	0.984	25	0.984	25	2.969	75.4	7.008	178	22.05	10

CONTINUED FROM ABOVE

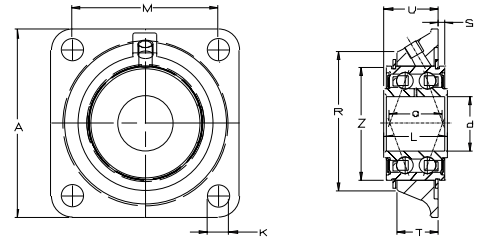
PART NUMBER	P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
	inch	mm	inch	mm	inch	mm						
RCJO 30	0.811	20.6	1.205	30.6	2.091	53.1	GNE30 KRRB	CJO 06	6700	29500	3750	16700
RCJO 35	0.787	20	1.220	31	2.102	53.4	GNE35 KRRB	CJO 07	8200	36500	4700	20900
RCJO 40	0.906	23	1.358	34.5	2.346	59.6	GNE40 KRRB	CJO 08	10000	44500	5800	26000
RCJO 50	1.102	28	1.673	42.5	2.760	70.1	GNE50 KRRB	CJO 10	13900	62000	8500	38000
RCJO 60	1.299	33	1.949	49.5	3.087	78.4	GNE60 KRRB	CJO 12	18400	82000	11700	52000
RCJO 70	1.417	36	2.146	54.5	3.362	85.4	GNE70 KRRB	CJO 14	23400	104000	15300	68000



Square Flanged Housed Units

PCCJ SERIES

- Four bolt flanged housed bearings
- Cast iron housing with centering spigot
- Double row angular contact ball bearing
- Standard P seals



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	A ₁	A ₁	K	K	L	L	M	M	A ₂	A ₂	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
PCCJ25	-	0.984	25	3.740	95	0.472	12	0.453	11.5	1.181	30	2.756	70	0.461	11.7	1.742	0.79
PCCJ30	-	1.181	30	4.252	108	0.472	12	0.453	11.5	1.339	34	3.248	82.5	0.512	13	2.470	1.12
PCCJ35	-	1.378	35	4.646	118	0.551	14	0.551	14	1.417	36	3.622	92	0.551	14	3.263	1.48
PCCJ40	-	1.575	40	5.118	130	0.551	14	0.551	14	1.496	38	3.996	101.5	0.591	15	3.969	1.8

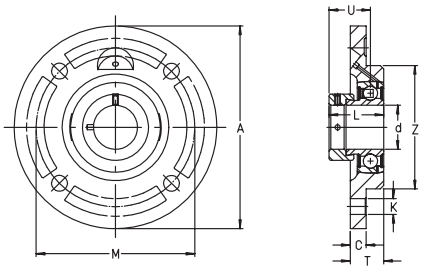
CONTINUED FROM ABOVE

PART NUMBER	Q	R	S	S	T	T	U	U	INSERT	HSG.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀
		mm max.	inch	mm	inch	mm	inch	mm			lbf	N	lbf	N
PCCJ25	M6	64	0.094	2.4	0.870	22.1	1.051	26.7	G5205 2RSN	CCJ05	4850	21600	3350	14900
PCCJ30	M6	76	0.126	3.2	0.945	24	1.169	29.7	G5206 2RSN	CCJ06	6700	30000	4800	21400
PCCJ35	M6	88	0.118	3	1.024	26	1.248	31.7	G5207 2RSN	CCJ07	8750	39000	6500	29000
PCCJ40	M6	98	0.126	3.2	1.102	28	1.327	33.7	G5208 2RSN	CCJ08	11200	50000	8400	37500



Round 4 Bolt Flange Units With Pilot PME SERIES

- Metric series
- Pilot or centering spigot
- Cast iron housing
- Economy seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
PME20	0.787	20	3.937	100	0.315	8	0.354	9	1.221	31	3.071	78	0.669	17
PME25	0.984	25	4.528	115	0.354	9	0.354	9	1.221	31	3.543	90	0.748	19
PME30	1.181	30	4.921	125	0.374	9.5	0.453	11.5	1.406	35.7	3.937	100	0.807	20.5
PME35	1.378	35	5.315	135	0.394	10	0.453	11.5	1.532	38.9	4.331	110	0.807	20.5
PME40	1.575	40	5.709	145	0.453	11.5	0.453	11.5	1.721	43.7	4.724	120	0.906	23
PME45	1.772	45	6.102	155	0.472	12	0.551	14	1.721	43.7	5.118	130	0.984	25
PME50	1.969	50	6.496	165	0.512	13	0.551	14	1.721	43.7	5.315	135	0.984	25

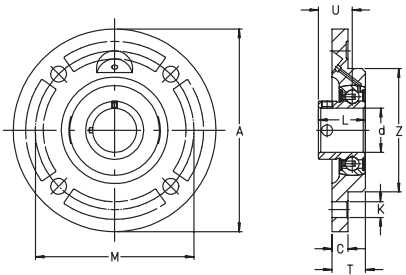
CONTINUED FROM ABOVE

PART NUMBER	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
PME20	0.847	21.5	2.441	62	2,900	12800	1,480	6600	1.169	0.53	ME04	GRAE20NPPB
PME25	0.827	21	2.756	70	3,150	14000	1,750	7800	1.632	0.74	ME05	GRAE25NPPB
PME30	0.972	24.7	3.150	80	4,400	19500	2,550	11300	2.139	0.97	ME06	GRAE30NPPB
PME35	1.118	28.4	3.543	90	5,700	25500	3,450	15300	2.800	1.27	ME07	GRAE35NPPB
PME40	0.854	21.7	3.937	100	7,300	32500	4,450	19800	3.572	1.62	ME08	GRAE40NPPB
PME45	1.209	30.7	4.134	105	7,300	32500	4,600	20400	4.256	1.93	ME09	GRAE45NPPB
PME50	1.248	31.7	4.331	110	7,900	35000	5,200	23200	5.072	2.30	ME10	GRAE50NPPB



Round 4 Bolt Flange Units With Pilot PMEY SERIES

- Metric series
- Pilot or centering spigot
- Cast iron housing
- Economy seals
- Set screw locking



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
PMEY20	0.787	20	3.937	100	0.315	8	0.354	9	0.984	25	3.071	78	0.669	17
PMEY25	0.984	25	4.528	115	0.354	9	0.354	9	1.063	27	3.543	90	0.748	19
PMEY30	1.181	30	4.921	125	0.374	9.5	0.453	11.5	1.181	30	3.937	100	0.807	20.5
PMEY35	1.378	35	5.315	135	0.394	10	0.453	11.5	1.378	35	4.331	110	0.807	20.5
PMEY40	1.575	40	5.709	145	0.453	11.5	0.453	11.5	1.555	39.5	4.724	120	0.906	23
PMEY45	1.772	45	6.102	155	0.472	12	0.551	14	1.634	41.5	5.118	130	0.984	25
PMEY50	1.969	50	6.496	165	0.512	13	0.551	14	1.693	43	5.315	135	0.984	25

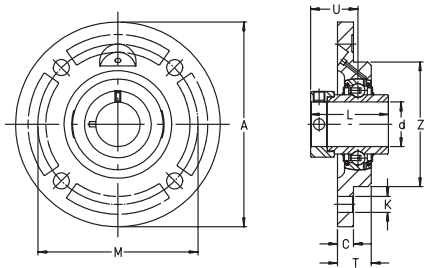
CONTINUED FROM ABOVE

PART NUMBER	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
PMEY20	0.610	15.5	2.441	62	2,900	12800	1,480	6600	1.455	0.66	ME04	GAY20NPPB
PMEY25	0.669	17	2.756	70	3,150	14000	1,750	7800	1.985	0.90	ME05	GAY25NPPB
PMEY30	0.748	19	3.150	80	4,400	19500	2,550	11300	2.007	0.91	ME06	GAY30NPPB
PMEY35	0.965	24.5	3.543	90	5,700	25500	3,450	15300	3.660	1.66	ME07	GAY35NPPB
PMEY40	0.689	17.5	3.937	100	7,300	32500	4,450	19800	4.697	2.13	ME08	GAY40NPPB
PMEY45	1.122	28.5	4.134	105	7,300	32500	4,600	20400	5.468	2.48	ME09	GAY45NPPB
PMEY50	1.221	31	4.331	110	7,900	35000	5,200	23200	6.439	2.92	ME10	GAY50NPPB



Round Flange Housings With Pilot RME SERIES

- Four bolt mounting
- Metric series
- Metric pilot or centering spigot
- Cast iron housing
- Standard seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
RME20	0.787	20	3.937	100	0.315	8	0.354	9	1.721	43.7	3.071	78	0.669	17
RME25	0.984	25	4.528	115	0.354	9	0.354	9	1.748	44.4	3.543	90	0.748	19
RME30	1.181	30	4.921	125	0.374	9.5	0.453	11.5	1.906	48.4	3.937	100	0.807	20.5
RME35	1.378	35	5.315	135	0.394	10	0.453	11.5	2.012	51.1	4.331	110	0.807	20.5
RME40	1.575	40	5.709	145	0.453	11.5	0.453	11.5	2.217	56.3	4.724	120	0.906	23
RME45	1.772	45	6.102	155	0.472	12	0.551	14	2.217	56.3	5.118	130	0.984	25
RME50	1.969	50	6.496	165	0.512	13	0.551	14	2.469	62.7	5.315	135	0.984	25
RME55	2.165	55	7.283	185	0.591	15	0.709	18	2.811	71.4	5.906	150	1.083	27.5
RME65	2.559	65	8.465	215	0.709	18	0.709	18	2.602	66.1	6.969	177	1.260	32
RME70	2.756	70	8.465	215	0.709	18	0.709	18	2.602	66.1	6.969	177	1.260	32
RME75	2.953	75	8.661	220	0.709	18	0.709	18	2.642	67.1	7.244	184	1.260	32
RME80	3.150	80	8.661	220	0.709	18	0.709	18	2.795	71	7.244	184	1.220	31

CONTINUED FROM ABOVE

PART NUMBER	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
RME20	0.969	24.6	2.441	62	2900	12800	1480	6600	1.257	0.57	ME04	GE20KRRB
RME25	0.961	24.4	2.756	70	3150	14000	1750	7800	1.764	0.80	ME05	GE25KRRB
RME30	1.106	28.1	3.150	80	4400	19500	2550	11300	2.293	1.04	ME06	GE30KRRB
RME35	1.232	31.3	3.543	90	5700	25500	3450	15300	2.955	1.34	ME07	GE35KRRB
RME40	1.335	33.9	3.937	100	7300	32500	4450	19800	3.837	1.74	ME08	GE40KRRB
RME45	1.295	32.9	4.134	105	7300	32500	4600	20400	4.520	2.05	ME09	GE45KRRB
RME50	1.461	37.1	4.331	110	7900	35000	5200	23200	5.579	2.53	ME10	GE50KRRB
RME55	1.717	43.6	4.921	125	9800	43500	6500	29000	7.585	3.44	ME11	GE55KRRB
RME65	1.756	44.6	5.906	150	13950	62000	9900	44000	12.811	5.81	ME14	GE65KRRB
RME70	1.756	44.6	5.906	150	13950	62000	9900	44000	12.458	5.65	ME14	GE70KRRB
RME75	1.795	45.6	6.299	160	13950	62000	10000	44500	12.194	5.53	ME15	GE75KRRB
RME80	1.953	49.6	6.299	160	16200	72000	12000	54000	12.679	5.75	ME16	GE80KRRB

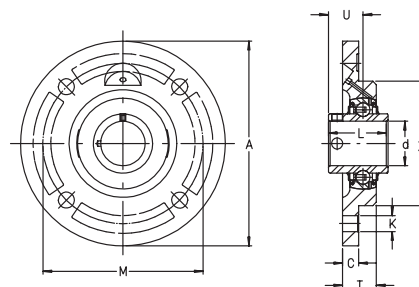


Round Flange Housings With Pilot RMEY SERIES

- Four bolt mounting
- Metric series
- Metric pilot or centering spigot
- Cast iron housing
- Standard seals
- Eccentric locking collar

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales



PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
RMEY20	0.787	20	3.937	100	0.315	8	0.354	9	1.221	31	3.071	78	0.669	17
RMEY25	0.984	25	4.528	115	0.354	9	0.354	9	1.343	34.1	3.543	90	0.748	19
RMEY30	1.181	30	4.921	125	0.374	9.5	0.453	11.5	1.500	38.1	3.937	100	0.807	20.5
RMEY35	1.378	35	5.315	135	0.394	10	0.453	11.5	1.689	42.9	4.331	110	0.807	20.5
RMEY40	1.575	40	5.709	145	0.453	11.5	0.453	11.5	1.937	49.2	4.724	120	0.906	23
RMEY45	1.772	45	6.102	155	0.472	12	0.551	14	1.937	49.2	5.118	130	0.984	25
RMEY50	1.969	50	6.496	165	0.512	13	0.551	14	2.032	51.6	5.315	135	0.984	25
RMEY55	2.165	55	7.283	185	0.591	15	0.709	18	2.189	55.6	5.906	150	1.083	27.5
RMEY60	2.362	60	7.677	195	0.630	16	0.709	18	2.563	65.1	6.299	160	1.142	29
RMEY65	2.559	65	8.465	215	0.709	18	0.709	18	2.937	74.6	6.969	177	1.260	32
RMEY70	2.756	70	8.465	215	0.709	18	0.709	18	2.937	74.6	6.969	177	1.260	32
RMEY75	2.953	75	8.661	220	0.709	18	0.709	18	3.063	77.8	7.244	184	1.260	32
RMEY80	3.150	80	8.661	220	0.709	18	0.709	18	3.252	82.6	7.244	184	1.220	31

CONTINUED FROM ABOVE

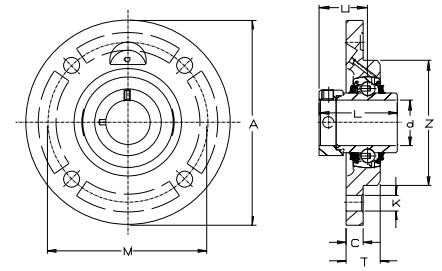
PART NUMBER	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
RMEY20	0.642	16.3	2.441	62	2900	12800	1480	6600	1.191	0.54	ME04	GYE20KRRB
RMEY25	0.681	17.3	2.756	70	3150	14000	1750	7800	1.654	0.75	ME05	GYE25KRRB
RMEY30	0.795	20.2	3.150	80	4400	19500	2550	11300	2.183	0.99	ME06	GYE30KRRB
RMEY35	0.961	24.4	3.543	90	5700	25500	3450	15300	2.822	1.28	ME07	GYE35KRRB
RMEY40	1.150	29.2	3.937	100	7300	32500	4450	19800	3.638	1.65	ME08	GYE40KRRB
RMEY45	1.110	28.2	4.134	105	7300	32500	4600	20400	4.278	1.94	ME09	GYE45KRRB
RMEY50	1.244	31.6	4.331	110	7900	35000	5200	23200	5.138	2.33	ME10	GYE50KRRB
RMEY55	1.315	33.4	4.921	125	9800	43500	6500	29000	6.725	3.05	ME11	GYE55KRRB
RMEY60	1.524	38.7	5.315	135	11700	52000	8100	36000	7.651	3.47	ME12	GYE60KRRB
RMEY65	1.748	44.4	5.906	150	14000	62000	9900	44000	11.797	5.35	ME14	GYE65KRRB
RMEY70	1.748	44.4	5.906	150	14000	62000	9900	44000	11.246	5.10	ME14	GYE70KRRB
RMEY75	1.752	44.5	6.299	160	14000	62000	9900	44000	11.444	5.19	ME15	GYE75KRRB
RMEY80	2.020	51.3	6.299	160	16200	72000	12000	54000	12.635	5.73	ME16	GYE80KRRB



Round Flange Units with Pilot

TME SERIES

- Four bolt mounting
- Metric series
- Metric pilot or centering spigot
- Tri-ply P3 seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
TME20	0.787	20	3.937	100	0.315	8	0.354	9	1.721	43.7	3.071	78	0.669	17
TME25	0.984	25	4.528	115	0.354	9	0.354	9	1.748	44.4	3.543	90	0.748	19
TME30	1.181	30	4.921	125	0.374	9.5	0.453	11.5	1.906	48.4	3.937	100	0.807	20.5
TME35	1.378	35	5.315	135	0.394	10	0.453	11.5	2.012	51.1	4.331	110	0.807	20.5
TME40	1.575	40	5.709	145	0.453	11.5	0.453	11.5	2.217	56.3	4.724	120	0.906	23
TME45	1.772	45	6.102	155	0.472	12	0.551	14	2.217	56.3	5.118	130	0.984	25
TME50	1.969	50	6.496	165	0.512	13	0.551	14	2.469	62.7	5.315	135	0.984	25
TME55	2.165	55	7.283	185	0.591	15	0.709	18	2.811	71.4	5.906	150	1.083	27.5
TME65	2.559	65	8.465	215	0.709	18	0.709	18	2.602	66.1	6.969	177	1.260	32
TME70	2.756	70	8.465	215	0.709	18	0.709	18	2.602	66.1	6.969	177	1.260	32
TME75	2.953	75	8.661	220	0.709	18	0.709	18	2.642	67.1	7.244	184	1.260	32
TME80	3.150	80	8.661	220	0.709	18	0.709	18	2.795	71	7.244	184	1.220	31

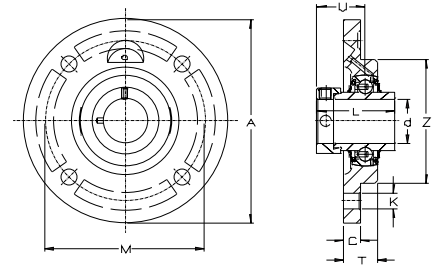
CONTINUED FROM ABOVE

PART NUMBER	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
TME20	0.969	24.6	2.441	62	2900	12800	1480	6600	1.257	0.57	ME04	GE20KPPB-3
TME25	0.961	24.4	2.756	70	3150	14000	1750	7800	1.764	0.80	ME05	GE25KPPB-3
TME30	1.106	28.1	3.150	80	4400	19500	2550	11300	2.293	1.04	ME06	GE30KPPB-3
TME35	1.232	31.3	3.543	90	5700	25500	3450	15300	2.955	1.34	ME07	GE35KPPB-3
TME40	1.335	33.9	3.937	100	7300	32500	4450	19800	3.837	1.74	ME08	GE40KPPB-3
TME45	1.295	32.9	4.134	105	7300	32500	4600	20400	4.520	2.05	ME09	GE45KPPB-3
TME50	1.461	37.1	4.331	110	7900	35000	5200	23200	5.579	2.53	ME10	GE50KPPB-3
TME55	1.717	43.6	4.921	125	9800	43500	6500	29000	7.585	3.44	ME11	GE55KPPB-3
TME65	1.756	44.6	5.906	150	13950	62000	9900	44000	12.811	5.81	ME14	GE65KPPB-3
TME70	1.756	44.6	5.906	150	13950	62000	9900	44000	12.458	5.65	ME14	GE70KPPB-3
TME75	1.795	45.6	6.299	160	13950	62000	10000	44500	12.194	5.53	ME15	GE75KPPB-3
TME80	1.953	49.6	6.299	160	16200	72000	12000	54000	12.679	5.75	ME16	GE80KPPB-3



Round Flange Units with Pilot RMEO SERIES

- Four bolt mounting
- Metric series
- Metric pilot or centering spigot
- Standard R seals
- Eccentric locking collar
- Heavy series inserts - based on 6300 Series



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
RMEO 30	1.181	30	6.378	162	0.591	15	0.571	14.5	1.969	50	5.276	134	0.906	23
RMEO 35	1.378	35	6.850	174	0.630	16	0.748	19	2.031	51.6	5.551	141	0.984	25
RMEO 40	1.575	40	7.638	194	0.669	17	0.748	19	2.150	54.6	6.220	158	1.063	27
RMEO 50	1.969	50	9.055	230	0.748	19	0.906	23	2.626	66.7	7.362	187	1.220	31
RMEO 60	2.362	60	10.079	256	0.866	22	0.906	23	2.693	68.4	8.346	212	1.417	36
RMEO 70	2.756	70	11.811	300	0.984	25	0.984	25	2.969	75.4	9.921	252	1.693	43

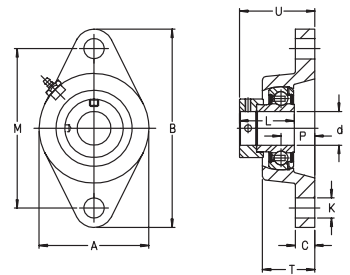
CONTINUED FROM ABOVE

PART NUMBER	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
RMEO 30	1.358	34.5	3.543	90	6700	29500	3750	16700	3.75	1.7	MEO 06	GNE30KRRB
RMEO 35	1.394	35.4	3.937	100	8200	36500	4700	20900	5.29	2.4	MEO 07	GNE35KRRB
RMEO 40	1.539	39.1	4.528	115	10000	44500	5800	26000	6.17	2.8	MEO 08	GNE40KRRB
RMEO 50	1.756	44.6	5.512	140	13900	62000	8500	38000	10.14	4.6	MEO 10	GNE50KRRB
RMEO 60	1.886	47.9	6.299	160	18400	82000	11700	52000	13.23	6.0	MEO 11	GNE60KRRB
RMEO 70	1.965	49.9	7.283	185	23400	104000	15300	68000	19.85	9.0	MEO 14	GNE70KRRB

Oval Flanged Housings

PCJT SERIES

- Two bolt mounting
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

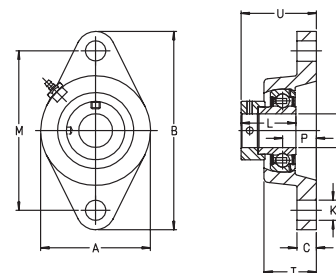
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
PCJT 12	-	0.472	12	2.244	57	3.898	99	0.394	10	0.453	11.5	1.126	28.6	3.012	76.5	0.882	0.4
PCJT 1/2	1/2	0.500	12.7	2.244	57	3.898	99	0.394	10	0.453	11.5	1.126	28.6	3.012	76.5	0.882	0.4
PCJT 15	-	0.591	15	2.244	57	3.898	99	0.394	10	0.453	11.5	1.126	28.6	3.012	76.5	0.882	0.4
PCJT 5/8	5/8	0.625	15.9	2.244	57	3.898	99	0.394	10	0.453	11.5	1.126	28.6	3.012	76.5	0.882	0.4
PCJT 17	-	0.669	17	2.244	57	3.898	99	0.394	10	0.453	11.5	1.126	28.6	3.012	76.5	0.882	0.4
PCJT 3/4	3/4	0.750	19.1	2.441	62	4.409	112	0.433	11	0.453	11.5	1.221	31	3.543	90	1.103	0.5
PCJT 20	-	0.787	20	2.402	61	4.409	112	0.394	10	0.453	11.5	1.221	31	3.543	90	1.103	0.5
PCJT 7/8	7/8	0.875	22.2	2.795	71	4.921	125	0.472	12	0.453	11.5	1.221	31	3.898	99	1.544	0.7
PCJT 25	-	0.984	25	2.756	70	4.882	124	0.433	11	0.453	11.5	1.221	31	3.898	99	1.544	0.7
PCJT 1	1	1.000	25.4	2.795	71	4.921	125	0.472	12	0.453	11.5	1.221	31	3.898	99	1.544	0.7
PCJT 1-1/16	1-1/16	1.063	26.9	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.406	35.7	4.587	116.5	2.205	1.0
PCJT 1-1/8	1-1/8	1.125	28.6	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.406	35.7	4.587	116.5	2.205	1.0
PCJT 30	-	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.406	35.7	4.587	116.5	2.205	1.0
PCJT 1-3/16	1-3/16	1.188	30.2	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.406	35.7	4.587	116.5	2.205	1.0
PCJT 1-1/4-206	1-1/4	1.250	31.8	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.406	35.7	4.587	116.5	2.205	1.0
PCJT 1-1/4	1-1/4	1.250	31.8	3.642	92.5	6.142	156	0.551	14	0.551	14	1.532	38.9	5.118	130	2.867	1.3
PCJT 1-3/8	1-3/8	1.375	34.9	3.642	92.5	6.142	156	0.551	14	0.551	14	1.532	38.9	5.118	130	2.867	1.3
PCJT 35	-	1.378	35	3.622	92	6.102	155	0.492	12.5	0.551	14	1.532	38.9	5.118	130	2.867	1.3
PCJT 1-7/16	1-7/16	1.438	36.5	3.642	92.5	6.142	156	0.551	14	0.551	14	1.532	38.9	5.118	130	2.867	1.3
PCJT 1-1/2	1-1/2	1.500	38.1	4.154	105.5	6.811	173	0.591	15	0.551	14	1.721	43.7	5.650	143.5	3.969	1.8
PCJT 40	-	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14	1.721	43.7	5.650	143.5	3.969	1.8
PCJT 1-3/4	1-3/4	1.750	44.5	4.409	112	7.106	180.5	0.591	15	0.551	14	1.721	43.7	5.847	148.5	4.631	2.1
PCJT 45	-	1.772	45	4.409	112	7.106	180.5	0.512	13	0.551	14	1.721	43.7	5.847	148.5	4.631	2.1
PCJT 1-15/16	1-15/16	1.938	49.2	4.587	116.5	7.520	191	0.630	16	0.669	17	1.721	43.7	6.181	157	5.513	2.5
PCJT 50	-	1.969	50	4.567	116	7.480	190	0.512	13	0.709	18	1.721	43.7	6.181	157	5.513	2.5
PCJT 2	2	2.000	50.8	5.295	134.5	8.898	226	0.669	17	0.669	17	1.906	48.4	7.244	184	8.600	3.9
PCJT 55	-	2.165	55	5.295	134.5	8.898	226	0.669	17	0.669	17	1.906	48.4	7.244	184	8.600	3.9
PCJT 2-3/16	2-3/16	2.188	55.6	5.295	134.5	8.898	226	0.669	17	0.669	17	1.906	48.4	7.244	184	8.600	3.9
PCJT 60	-	2.362	60	5.433	138	9.370	238	0.630	16	0.709	18	2.091	53.1	7.953	202	9.482	4.3
PCJT 2-7/16	2-7/16	2.438	61.9	5.512	140	9.409	239	0.709	18	0.709	18	2.091	53.1	7.953	202	9.482	4.3



Oval Flanged Housings

PCJT SERIES

- Two bolt mounting
- Eccentric locking collar
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

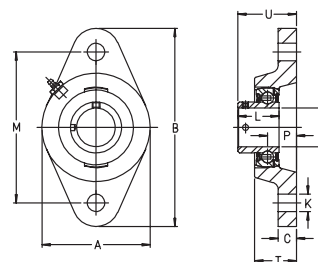
P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm							
0.669	17	0.945	24	1.539	39.1	GRAE 12 NPPB	CJT 03	2150	9600	1070	4750	PCJT 12
0.669	17	0.945	24	1.539	39.1	GRA 008 NPPB	CJT 03	2150	9600	1070	4750	PCJT 1/2
0.669	17	0.945	24	1.539	39.1	GRAE 15 NPPB	CJT 03	2150	9600	1070	4750	PCJT 15
0.669	17	0.945	24	1.539	39.1	GRA 010 NPPB	CJT 03	2150	9600	1070	4750	PCJT 5/8
0.669	17	0.945	24	1.539	39.1	GRAE 17 NPPB	CJT 03	2150	9600	1070	4750	PCJT 17
0.748	19	1.161	29.5	1.673	42.5	GRA 012 NPPB	CJT 04	2900	12800	1480	6600	PCJT 3/4
0.748	19	1.102	28	1.673	42.5	GRAE 20 NPPB	CJT 04	2900	12800	1480	6600	PCJT 20
0.748	19	1.083	27.5	1.673	42.5	GRA 014 NPPB	CJT 05	3150	14000	1760	7800	PCJT 7/8
0.748	19	1.043	26.5	1.673	42.5	GRAE 25 NPPB	CJT 05	3150	14000	1760	7800	PCJT 25
0.748	19	1.083	27.5	1.673	42.5	GRA 100 NPPB	CJT 05	3150	14000	1760	7800	PCJT 1
0.787	20	1.280	32.5	1.839	46.7	GRA 101 NPPB	CJT 06	4350	19500	2550	11300	PCJT 1-1/16
0.787	20	1.280	32.5	1.839	46.7	GRA 102 NPPB	CJT 06	4350	19500	2550	11300	PCJT 1-1/8
0.787	20	1.142	29	1.839	46.7	GRAE 30 NPPB	CJT 06	4350	19500	2550	11300	PCJT 30
0.787	20	1.280	32.5	1.839	46.7	GRA 103 NPPB	CJT 06	4350	19500	2550	11300	PCJT 1-3/16
0.787	20	1.280	32.5	1.839	46.7	GRA 104 NPPB-206	CJT 06	4350	19500	2550	11300	PCJT 1-1/4-206
0.827	21	1.358	34.5	1.984	50.4	GRA 104 NPPB	CJT 07	5800	25500	3450	15300	PCJT 1-1/4
0.827	21	1.358	34.5	1.984	50.4	GRA 106 NPPB	CJT 07	5800	25500	3450	15300	PCJT 1-3/8
0.827	21	1.201	30.5	1.984	50.4	GRAE 35 NPPB	CJT 07	5800	25500	3450	15300	PCJT 35
0.827	21	1.358	34.5	1.984	50.4	GRA 107 NPPB	CJT 07	5800	25500	3450	15300	PCJT 1-7/16
0.945	24	1.496	38	2.232	56.7	GRA 108 NPPB	CJT 08	7300	32500	4450	19800	PCJT 1-1/2
0.945	24	1.358	34.5	2.232	56.7	GRAE 40 NPPB	CJT 08	7300	32500	4450	19800	PCJT 40
0.945	24	1.516	38.5	2.232	56.7	GRA 112 NPPB	CJT 09	7400	32500	4600	20400	PCJT 1-3/4
0.945	24	1.516	38.5	2.232	56.7	GRAE 45 NPPB	CJT 09	7400	32500	4600	20400	PCJT 45
1.102	28	1.693	43	2.390	60.7	GRA 115 NPPB	CJT 10	7900	35000	5200	23200	PCJT 1-15/16
1.102	28	1.535	39	2.390	60.7	GRAE 50 NPPB	CJT 10	7900	35000	5200	23200	PCJT 50
1.221	31	1.811	46	2.654	67.4	GRA 200 NPPB	CJT 11	9800	43500	6600	29000	PCJT 2
1.221	31	1.811	46	2.654	67.4	GRAE 55 NPPB	CJT 11	9800	43500	6600	29000	PCJT 55
1.221	31	1.811	46	2.654	67.4	GRA 203 NPPB	CJT 11	9800	43500	6600	29000	PCJT 2-3/16
1.339	34	1.949	50	2.898	73.6	GRAE 60 NPPB	CJT 12	11800	52000	8100	36000	PCJT 60
1.339	34	1.949	50	2.898	73.6	GRA 207 NPPB	CJT 12	11800	52000	8100	36000	PCJT 2-7/16



Oval Flanged Housings

PCJTY SERIES

- Two bolt mounting
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

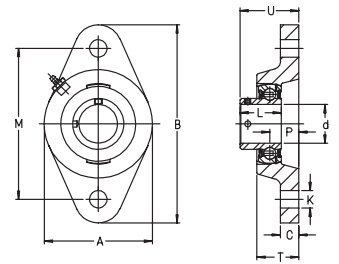
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
PCJTY 12	-	0.472	12	2.244	57	3.898	99	0.394	10	0.453	11.5	0.866	22	3.012	76.5	0.882	0.4
PCJTY 1/2	1/2	0.500	12.7	2.244	57	3.898	99	0.394	10	0.453	11.5	0.866	22	3.012	76.5	0.882	0.4
PCJTY 15	-	0.591	15	2.244	57	3.898	99	0.394	10	0.453	11.5	0.866	22	3.012	76.5	0.882	0.4
PCJTY 5/8	5/8	0.625	15.9	2.244	57	3.898	99	0.394	10	0.453	11.5	0.866	22	3.012	76.5	0.882	0.4
PCJTY 17	-	0.669	17	2.244	57	3.898	99	0.394	10	0.453	11.5	0.866	22	3.012	76.5	0.882	0.4
PCJTY 3/4	3/4	0.750	19.1	2.441	62	4.409	112	0.433	11	0.453	11.5	0.984	25	3.543	90	1.103	0.5
PCJTY 20	-	0.787	20	2.402	61	4.409	112	0.394	10	0.453	11.5	0.984	25	3.543	90	1.103	0.5
PCJTY 7/8	7/8	0.875	22.2	2.795	71	4.921	125	0.472	12	0.453	11.5	1.063	27	3.898	99	1.544	0.7
PCJTY 25	-	0.984	25	2.756	70	4.882	124	0.433	11	0.453	11.5	1.063	27	3.898	99	1.544	0.7
PCJTY 1	1	1.000	25.4	2.795	71	4.921	125	0.472	12	0.453	11.5	1.063	27	3.898	99	1.544	0.7
PCJTY 30	-	1.181	30	3.150	80	5.591	142	0.512	13	0.453	11.5	1.181	30	4.587	116.5	2.205	1.0
PCJTY 1-3/16	1-3/16	1.188	30.2	3.169	80.5	5.591	142	0.551	14	0.453	11.5	1.181	30	4.587	116.5	2.205	1.0
PCJTY 1-1/4	1-1/4	1.250	31.8	3.642	92.5	6.142	156	0.492	12.5	0.551	14	1.378	35	5.118	130	2.867	1.3
PCJTY 35	-	1.378	35	3.622	92	6.102	155	0.551	14	0.551	14	1.378	35	5.118	130	2.867	1.3
PCJTY 1-7/16	1-7/16	1.438	36.5	3.642	92.5	6.142	156	0.591	15	0.551	14	1.378	35	5.118	130	2.867	1.3
PCJTY 1-1/2	1-1/2	1.500	38.1	4.154	105.5	6.811	173	0.512	13	0.551	14	1.555	39.5	5.650	143.5	3.969	1.8
PCJTY 40	-	1.575	40	4.134	105	6.772	172	0.591	15	0.551	14	1.555	39.5	5.650	143.5	3.969	1.8
PCJTY 1-3/4	1-3/4	1.750	44.5	4.409	112	7.106	180.5	0.512	13	0.551	14	1.634	41.5	5.847	148.5	4.631	2.1
PCJTY 45	-	1.772	45	4.409	112	7.106	180.5	0.630	16	0.551	14	1.634	41.5	5.847	148.5	4.631	2.1
PCJTY 1-15/16	1-15/16	1.938	49.2	4.587	116.5	7.520	191	0.512	13	0.669	17	1.693	43	6.181	157	5.513	2.5
PCJTY 50	-	1.969	50	4.567	116	7.480	190	0.512	13	0.709	18	1.693	43	6.181	157	5.513	2.5



Oval Flanged Housings

PCJTY SERIES

- Two bolt mounting
- Set screw shaft locking
- Economy P seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

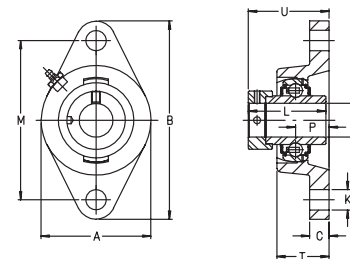
For engineering or technical information contact your local sales representative or call Distributor Sales

P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm							
0.669	17	0.945	24	1.299	33	GAY12 NPPB	CJT 03	2150	9600	1070	4750	PCJTY 12
0.669	17	0.945	24	1.299	33	GAY008 NPPB	CJT 03	2150	9600	1070	4750	PCJTY 1/2
0.669	17	0.945	24	1.299	33	GAY15 NPPB	CJT 03	2150	9600	1070	4750	PCJTY 15
0.669	17	0.945	24	1.299	33	GAY010 NPPB	CJT 03	2150	9600	1070	4750	PCJTY 5/8
0.669	17	0.945	24	1.299	33	GAY17 NPPB	CJT 03	2150	9600	1070	4750	PCJTY 17
0.748	19	1.161	29.5	1.457	37	GAY012 NPPB	CJT 04	2900	12800	1480	6600	PCJTY 3/4
0.748	19	1.102	28	1.457	37	GAY20 NPPB	CJT 04	2900	12800	1480	6600	PCJTY 20
0.748	19	1.083	27.5	1.516	38.5	GAY014 NPPB	CJT 05	3150	14000	1760	7800	PCJTY 7/8
0.748	19	1.043	26.5	1.516	38.5	GAY25 NPPB	CJT 05	3150	14000	1760	7800	PCJTY 25
0.748	19	1.083	27.5	1.516	38.5	GAY100 NPPB	CJT 05	3150	14000	1760	7800	PCJTY 1
0.787	20	1.142	29	1.614	41	GAY30 NPPB	CJT 06	4350	19500	2550	11300	PCJTY 30
0.787	20	1.280	32.5	1.614	41	GAY103 NPPB	CJT 06	4350	19500	2550	11300	PCJTY 1-3/16
0.827	21	1.358	34.5	1.831	46.5	GAY104 NPPB	CJT 07	5800	25500	3450	15300	PCJTY 1-1/4
0.827	21	1.201	30.5	1.831	46.5	GAY35 NPPB	CJT 07	5800	25500	3450	15300	PCJTY 35
0.827	21	1.358	34.5	1.831	46.5	GAY107 NPPB	CJT 07	5800	25500	3450	15300	PCJTY 1-7/16
0.945	24	1.496	38	2.087	53	GAY108 NPPB	CJT 08	7300	32500	4450	19800	PCJTY 1-1/2
0.945	24	1.358	34.5	2.087	53	GAY40 NPPB	CJT 08	7300	32500	4450	19800	PCJTY 40
0.945	24	1.516	38.5	2.146	54.5	GAY112 NPPB	CJT 09	7400	32500	4600	20400	PCJTY 1-3/4
0.945	24	1.516	38.5	2.146	54.5	GAY45 NPPB	CJT 09	7400	32500	4600	20400	PCJTY 45
1.102	28	1.693	43	2.362	60	GAY115 NPPB	CJT 10	7900	35000	5200	23200	PCJTY 1-15/16
1.102	28	1.535	39	2.362	60	GAY50 NPPB	CJT 10	7900	35000	5200	23200	PCJTY 50

Oval Flanged Housings

RCJT SERIES

- Two bolt mounting
- Eccentric locking collar
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

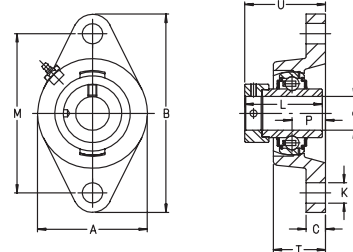
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RCJT 1/2	1/2	0.500	12.7	2.244	57	3.898	99	0.394	10	0.453	11.5	1.469	37.3	3.012	76.5	0.882	0.4
RCJT 15	-	0.591	15	2.244	57	3.898	99	0.394	10	0.453	11.5	1.469	37.3	3.012	76.5	0.882	0.4
RCJT 5/8	5/8	0.625	15.9	2.244	57	3.898	99	0.394	10	0.453	11.5	1.469	37.3	3.012	76.5	0.882	0.4
RCJT 3/4	3/4	0.750	19.1	2.441	62	4.409	112	0.433	11	0.453	11.5	1.721	43.7	3.543	90	1.103	0.5
RCJT 20	-	0.787	20	2.402	61	4.409	112	0.394	10	0.453	11.5	1.721	43.7	3.543	90	1.103	0.5
RCJT 7/8	7/8	0.875	22.2	2.795	71	4.921	125	0.472	12	0.453	11.5	1.748	44.4	3.898	99	1.544	0.7
RCJT 15/16	15/16	0.938	23.8	2.795	71	4.921	125	0.472	12	0.453	11.5	1.748	44.4	3.898	99	1.544	0.7
RCJT 25	-	0.984	25	2.756	70	4.882	124	0.433	11	0.453	11.5	1.748	44.4	3.898	99	1.544	0.7
RCJT 1	1	1.000	25.4	2.795	71	4.921	125	0.472	12	0.453	11.5	1.748	44.4	3.898	99	1.544	0.7
RCJT 1-1/8	1-1/8	1.125	28.6	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.906	48.4	4.587	116.5	2.205	1
RCJT 30	-	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.906	48.4	4.587	116.5	2.205	1
RCJT 1-3/16	1-3/16	1.188	30.2	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.906	48.4	4.587	116.5	2.205	1
RCJT 1-1/4	1-1/4	1.250	31.8	3.642	92.5	6.142	156	0.551	14	0.551	14	2.012	51.1	5.118	130	2.867	1.3
RCJT 1-3/8	1-3/8	1.375	34.9	3.642	92.5	6.142	156	0.551	14	0.551	14	2.012	51.1	5.118	130	2.867	1.3
RCJT 35	-	1.378	35	3.622	92	6.102	155	0.492	12.5	0.551	14	2.012	51.1	5.118	130	2.867	1.3
RCJT 1-7/16	1-7/16	1.438	36.5	3.642	92.5	6.142	156	0.551	14	0.551	14	2.012	51.1	5.118	130	2.867	1.3
RCJT 1-1/2	1-1/2	1.500	38.1	4.154	105.5	6.811	173	0.591	15	0.551	14	2.217	56.3	5.650	143.5	3.969	1.8
RCJT 40	-	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14	2.217	56.3	5.650	143.5	3.969	1.8
RCJT 1-5/8	1-5/8	1.625	41.3	4.409	112	7.106	180.5	0.591	15	0.551	14	2.217	56.3	5.847	148.5	4.631	2.1
RCJT 1-11/16	1-11/16	1.688	42.9	4.409	112	7.106	180.5	0.591	15	0.551	14	2.217	56.3	5.847	148.5	4.631	2.1
RCJT 1-3/4	1-3/4	1.750	44.5	4.409	112	7.106	180.5	0.591	15	0.551	14	2.217	56.3	5.847	148.5	4.631	2.1
RCJT 45	-	1.772	45	4.409	112	7.106	180.5	0.512	13	0.551	14	2.217	56.3	5.847	148.5	4.631	2.1
RCJT 1-15/16	1-15/16	1.938	49.2	4.587	116.5	7.520	191	0.630	16	0.669	17	2.469	62.7	6.181	157	5.513	2.5
RCJT 50	-	1.969	50	4.567	116	7.480	190	0.512	13	0.709	18	2.469	62.7	6.181	157	5.513	2.5
RCJT 2	2	2.000	50.8	5.295	134.5	8.898	226	0.669	17	0.669	17	2.811	71.4	7.244	184	8.600	3.9
RCJT 55	-	2.165	55	5.295	134.5	8.898	226	0.669	17	0.669	17	2.811	71.4	7.244	184	8.600	3.9
RCJT 2-3/16	2-3/16	2.188	55.6	5.295	134.5	8.898	226	0.669	17	0.669	17	2.811	71.4	7.244	184	8.600	3.9
RCJT 60	-	2.362	60	5.433	138	9.370	238	0.630	16	0.709	18	3.063	77.8	7.953	202	9.482	4.3
RCJT 2-7/16	2-7/16	2.438	61.9	5.512	140	9.409	239	0.709	18	0.709	18	3.063	77.8	7.953	202	9.482	4.3
RCJT 65	-	2.559	65	6.299	160	10.157	258	0.709	18	0.827	21	2.602	66.1	8.504	216	14.134	6.4
RCJT 70	-	2.756	70	6.299	160	10.157	258	0.709	18	0.827	21	2.602	66.1	8.504	216	13.561	6.2
RCJT 75	-	2.953	75	6.299	160	10.157	258	0.709	18	0.827	21	2.642	67.1	8.504	216	13.230	6



Oval Flanged Housings

RCJT SERIES

- Two bolt mounting
- Eccentric locking collar
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

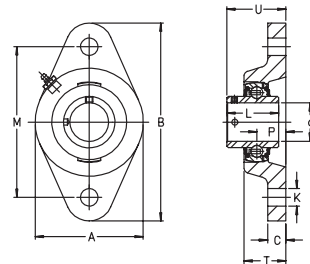
For engineering or technical information contact your local sales representative or call Distributor Sales

P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀	PART NUMBER
inch	mm	inch	mm	inch	mm			lbf	N	lbf	N	
0.669	17	0.945	24	1.591	40.4	G1008 KRRB	CJT 03	2150	9600	1070	4750	RCJT 1/2
0.669	17	0.945	24	1.591	40.4	GE15 KRRB	CJT 03	2150	9600	1070	4750	RCJT 15
0.669	17	0.945	24	1.591	40.4	G1010 KRRB	CJT 03	2150	9600	1070	4750	RCJT 5/8
0.748	19	1.161	29.5	1.795	45.6	G1012 KRRB	CJT 04	2900	12800	1480	6600	RCJT 3/4
0.748	19	1.161	29.5	1.795	45.6	GE20 KRRB	CJT 04	2900	12800	1480	6600	RCJT 20
0.748	19	1.083	27.5	1.807	45.9	G1014 KRRB	CJT 05	3150	14000	1760	7800	RCJT 7/8
0.748	19	1.083	27.5	1.807	45.9	G1015KRRB	CJT 05	3150	14000	1760	7800	RCJT 15/16
0.748	19	1.043	26.5	1.807	45.9	GE25 KRRB	CJT 05	3150	14000	1760	7800	RCJT 25
0.748	19	1.083	27.5	1.807	45.9	G1100 KRRB	CJT 05	3150	14000	1760	7800	RCJT 1
0.787	20	1.280	32.5	1.972	50.1	G1102 KRRB	CJT 06	4350	19500	2550	11300	RCJT 1-1/8
0.787	20	1.142	29	1.972	50.1	GE30 KRRB	CJT 06	4350	19500	2550	11300	RCJT 30
0.787	20	1.280	32.5	1.972	50.1	G1103 KRRB	CJT 06	4350	19500	2550	11300	RCJT 1-3/16
0.827	21	1.358	34.5	2.098	53.3	G1104 KRRB	CJT 07	5800	25500	3450	15300	RCJT 1-1/4
0.827	21	1.358	34.5	2.098	53.3	G1106 KRRB	CJT 07	5800	25500	3450	15300	RCJT 1-3/8
0.827	21	1.201	30.5	2.098	53.3	GE35 KRRB	CJT 07	5800	25500	3450	15300	RCJT 35
0.827	21	1.358	34.5	2.098	53.3	G1107 KRRB	CJT 07	5800	25500	3450	15300	RCJT 1-7/16
0.945	24	1.496	38	2.319	58.9	G1108 KRRB	CJT 08	7300	32500	4450	19800	RCJT 1-1/2
0.945	24	1.358	34.5	2.319	58.9	GE40 KRRB	CJT 08	7300	32500	4450	19800	RCJT 40
0.945	24	1.516	38.5	2.319	58.9	G1110KRRB	CJT 09	7400	32500	4600	20400	RCJT 1-5/8
0.945	24	1.516	38.5	2.319	58.9	G1111KRRB	CJT 09	7400	32500	4600	20400	RCJT 1-11/16
0.945	24	1.516	38.5	2.319	58.9	G1112 KRRB	CJT 09	7400	32500	4600	20400	RCJT 1-3/4
0.945	24	1.516	38.5	2.319	58.9	GE45 KRRB	CJT 09	7400	32500	4600	20400	RCJT 45
1.102	28	1.693	43	2.602	66.1	G1115 KRRB	CJT 10	7900	35000	5200	23200	RCJT 1-15/16
1.102	28	1.693	43	2.602	66.1	GE50 KRRB	CJT 10	7900	35000	5200	23200	RCJT 50
1.221	31	1.535	39	2.937	74.6	G1200 KRRB	CJT 11	9800	43500	6600	29000	RCJT 2
1.221	31	1.811	46	2.937	74.6	GE55 KRRB	CJT 11	9800	43500	6600	29000	RCJT 55
1.221	31	1.811	46	2.937	74.6	G1203 KRRB	CJT 11	9800	43500	6600	29000	RCJT 2-3/16
1.339	34	1.949	49.5	3.181	80.8	GE60 KRRB	CJT 12	11800	52000	8100	36000	RCJT 60
1.339	34	1.949	49.5	3.181	80.8	G1207 KRRB	CJT 12	11800	52000	8100	36000	RCJT 2-7/16
1.496	38	1.811	46	3.252	82.6	GE65 KRRB	CJT 13/14	14000	62000	9900	44000	RCJT 65
1.496	38	2.244	57	3.252	82.6	GE70 KRRB	CJT 13/14	14000	62000	9900	44000	RCJT 70
1.496	38	2.244	57	3.291	83.6	GE75 KRRB	CJT 15	14000	62000	10100	44500	RCJT 75

Oval Flanged Housings

RCJTY SERIES

- Two bolt mounting
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

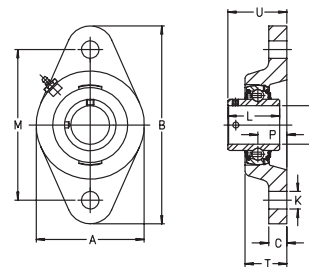
PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RCJTY 1/2	1/2	0.500	12.7	2.244	57	3.898	99	0.394	10	0.453	11.5	1.079	27.4	3.012	76.5	0.882	0.4
RCJTY 15	-	0.591	15	2.244	57	3.898	99	0.394	10	0.453	11.5	1.079	27.4	3.012	76.5	0.882	0.4
RCJTY 5/8	5/8	0.625	15.9	2.244	57	3.898	99	0.394	10	0.453	11.5	1.079	27.4	3.012	76.5	0.882	0.4
RCJTY 17	-	0.669	17	2.244	57	3.898	99	0.394	10	0.453	11.5	1.079	27.4	3.012	76.5	0.882	0.4
RCJTY 3/4	3/4	0.750	19.1	2.244	57	4.409	112	0.433	11	0.453	11.5	1.221	31	3.543	90	1.103	0.5
RCJTY 20	-	0.787	20	2.441	62	4.409	112	0.394	10	0.453	11.5	1.221	31	3.543	90	1.103	0.5
RCJTY 7/8	7/8	0.875	22.2	2.402	61	4.921	125	0.472	12	0.453	11.5	1.343	34.1	3.898	99	1.544	0.7
RCJTY 15/16	15/16	0.938	23.8	2.795	71	4.921	125	0.472	12	0.453	11.5	1.343	34.1	3.898	99	1.544	0.7
RCJTY 25	-	0.984	25	2.795	71	4.882	124	0.433	11	0.453	11.5	1.343	34.1	3.898	99	1.544	0.7
RCJTY 1	1	1.000	25.4	2.795	71	4.921	125	0.472	12	0.453	11.5	1.343	34.1	3.898	99	1.544	0.7
RCJTY 1-1/8	1-1/8	1.125	28.6	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.500	38.1	4.587	116.5	2.205	1.0
RCJTY 30	-	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.500	38.1	4.587	116.5	2.205	1.0
RCJTY 1-3/16	1-3/16	1.188	30.2	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.500	38.1	4.587	116.5	2.205	1.0
RCJTY 1-1/4-206	1-1/4	1.250	31.8	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.500	38.1	4.587	116.5	2.205	1.0
RCJTY 1-1/4	1-1/4	1.250	31.8	3.642	92.5	6.142	156	0.551	14	0.551	14	1.689	42.9	5.118	130	2.867	1.3
RCJTY 1-3/8	1-3/8	1.375	34.9	3.642	92.5	6.142	156	0.551	14	0.551	14	1.689	42.9	5.118	130	2.867	1.3
RCJTY 35	-	1.378	35	3.622	92	6.102	155	0.492	12.5	0.551	14	1.689	42.9	5.118	130	2.867	1.3
RCJTY 1-7/16	1-7/16	1.438	36.5	3.622	92	6.142	156	0.551	14	0.551	14	1.689	42.9	5.118	130	2.867	1.3
RCJTY 1-1/2	1-1/2	1.500	38.1	3.642	92.5	6.811	173	0.591	15	0.551	14	1.937	49.2	5.650	143.5	3.969	1.8
RCJTY 40	-	1.575	40	4.154	105.5	6.772	172	0.512	13	0.551	14	1.937	49.2	5.650	143.5	3.969	1.8
RCJTY 1-5/8	1-5/8	1.625	41.3	4.134	105	7.106	180.5	0.591	15	0.551	14	1.937	49.2	5.847	148.5	4.631	2.1
RCJTY 1-11/16	1-11/16	1.688	42.9	4.409	112	7.106	180.5	0.591	15	0.551	14	1.937	49.2	5.847	148.5	4.631	2.1
RCJTY 1-3/4	1-3/4	1.750	44.5	4.409	112	7.106	180.5	0.591	15	0.551	14	1.937	49.2	5.847	148.5	4.631	2.1
RCJTY 45	-	1.772	45	4.409	112	7.106	180.5	0.512	13	0.551	14	1.937	49.2	5.847	148.5	4.631	2.1
RCJTY 1-15/16	1-15/16	1.938	49.2	4.409	112	7.520	191	0.630	16	0.669	17	2.032	51.6	6.181	157	5.513	2.5
RCJTY 50	-	1.969	50	4.587	116.5	7.480	190	0.512	13	0.709	18	2.032	51.6	6.181	157	5.513	2.5
RCJTY 2	2	2.000	50.8	4.567	116	8.898	226	0.669	17	0.669	17	2.189	55.6	7.244	184	8.600	3.9
RCJTY 55	-	2.165	55	5.295	134.5	8.898	226	0.669	17	0.669	17	2.189	55.6	7.244	184	8.600	3.9
RCJTY 2-3/16	2-3/16	2.188	55.6	5.295	134.5	8.898	226	0.669	17	0.669	17	2.189	55.6	7.244	184	8.600	3.9
RCJTY 60	-	2.362	60	5.433	138	9.370	238	0.630	16	0.709	18	2.563	65.1	7.953	202	9.482	4.3
RCJTY 2-7/16	2-7/16	2.438	61.9	5.512	140	9.409	239	0.709	18	0.709	18	2.563	65.1	7.953	202	9.482	4.3
RCJTY 65	-	2.559	65	6.299	160	10.157	258	0.709	18	0.827	21	2.937	74.6	8.504	216	13.120	6.0
RCJTY 70	-	2.756	70	6.299	160	10.157	258	0.709	18	0.827	21	2.937	74.6	8.504	216	12.460	5.7
RCJTY 75	-	2.953	75	6.299	160	10.157	258	0.709	18	0.827	21	3.063	77.8	8.504	216	12.210	5.5



Oval Flanged Housings

RCJTY SERIES

- Two bolt mounting
- Set screw shaft locking
- Standard R seals
- Inch and metric sizes
- Set screws are metric for metric sizes
- Housing dimensions per ABMA standards



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

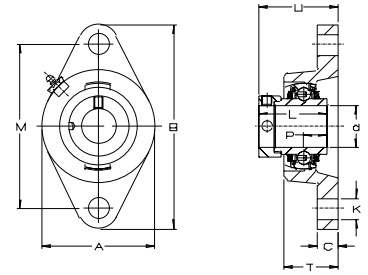
P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	PART NUMBER
inch	mm	inch	mm	inch	mm							
0.669	17	0.945	24	1.295	32.9	GY1008 KRRB	CJT 03	2150	9600	1070	4750	RCJTY 1/2
0.669	17	0.945	24	1.295	32.9	GYE15 KRRB	CJT 03	2150	9600	1070	4750	RCJTY 15
0.669	17	0.945	24	1.295	32.9	GY1010 KRRB	CJT 03	2150	9600	1070	4750	RCJTY 5/8
0.669	17	0.945	24	1.295	32.9	GYE17 KRRB	CJT 03	2150	9600	1070	4750	RCJTY 17
0.748	19	1.161	29.5	1.469	37.3	GY1012 KRRB	CJT 04	2900	12800	1480	6600	RCJTY 3/4
0.748	19	1.102	28	1.469	37.3	GYE20 KRRB	CJT 04	2900	12800	1480	6600	RCJTY 20
0.748	19	1.083	27.5	1.528	38.8	GY1014 KRRB	CJT 05	3150	14000	1760	7800	RCJTY 7/8
0.748	19	1.083	27.5	1.528	38.8	GY1015 KRRB	CJT 05	3150	14000	1760	7800	RCJTY 15/16
0.748	19	1.043	26.5	1.528	38.8	GYE25 KRRB	CJT 05	3150	14000	1760	7800	RCJTY 25
0.748	19	1.083	27.5	1.528	38.8	GY1100 KRRB	CJT 05	3150	14000	1760	7800	RCJTY 1
0.787	20	1.280	32.5	1.661	42.2	GY1102 KRRB	CJT 06	4350	19500	2550	11300	RCJTY 1-1/8
0.787	20	1.142	29	1.661	42.2	GYE30 KRRB	CJT 06	4350	19500	2550	11300	RCJTY 30
0.787	20	1.280	32.5	1.661	42.2	GY1103 KRRB	CJT 06	4350	19500	2550	11300	RCJTY 1-3/16
0.787	20	1.280	32.5	1.661	42.2	GY1104 KRRB-206	CJT 06	4350	19500	2550	11300	RCJTY 1-1/4-206
0.827	21	1.358	34.5	1.827	46.4	GY1104 KRRB	CJT 07	5800	25500	3450	15300	RCJTY 1-1/4
0.827	21	1.358	34.5	1.827	46.4	GY1106 KRRB	CJT 07	5800	25500	3450	15300	RCJTY 1-3/8
0.827	21	1.201	31	1.827	46.4	GYE35 KRRB	CJT 07	5800	25500	3450	15300	RCJTY 35
0.827	21	1.358	34.5	1.827	46.4	GY1107 KRRB	CJT 07	5800	25500	3450	15300	RCJTY 1-7/16
0.945	24	1.496	38	2.134	54.2	GY1108 KRRB	CJT 08	7300	32500	4450	19800	RCJTY 1-1/2
0.945	24	1.358	34.5	2.134	54.2	GYE40 KRRB	CJT 08	7300	32500	4450	19800	RCJTY 40
0.945	24	1.516	38.5	2.134	54.2	GY1110 KRRB	CJT 09	7400	32500	4600	20400	RCJTY 1-5/8
0.945	24	1.516	38.5	2.134	54.2	GY1111 KRRB	CJT 09	7400	32500	4600	20400	RCJTY 1-11/16
0.945	24	1.516	38.5	2.134	54.2	GY1112 KRRB	CJT 09	7400	32500	4600	20400	RCJTY 1-3/4
0.945	24	1.516	38.5	2.134	54.2	GYE45 KRRB	CJT 09	7400	32500	4600	20400	RCJTY 45
1.102	28	1.693	43	2.386	60.6	GY1115 KRRB	CJT 10	7900	35000	5200	23200	RCJTY 1-15/16
1.102	28	1.535	39	2.386	60.6	GYE50 KRRB	CJT 10	7900	35000	5200	23200	RCJTY 50
1.221	31	1.811	46	2.535	64.4	GY1200 KRRB	CJT 11	9800	43500	6600	29000	RCJTY 2
1.221	31	1.811	46	2.535	64.4	GYE55 KRRB	CJT 11	9800	43500	6600	29000	RCJTY 60
1.221	31	1.811	46	2.535	64.4	GY1203 KRRB	CJT 11	9800	43500	6600	29000	RCJTY 2-3/16
1.339	34	1.949	49.5	2.902	73.7	GYE60 KRRB	CJT 12	11800	52000	8100	36000	RCJTY 60
1.339	34	1.949	49.5	2.902	73.7	GY1207 KRRB	CJT 12	11800	52000	8100	36000	RCJTY 2-7/16
1.496	38	2.244	57	3.244	82.4	GYE65 KRRB	CJT 13/14	14000	62000	9900	44000	RCJTY 65
1.496	38	2.244	57	3.244	82.4	GYE70 KRRB	CJT 13/14	14000	62000	9900	44000	RCJTY 70
1.496	38	2.244	57	3.244	82.4	GYE75 KRRB	CJT 15	14000	62000	10100	44500	RCJTY 75



Oval Flanged Housings

TCJT SERIES

- Two bolt mounting
- Metric series
- Eccentric locking collar
- Tri-ply P3 seals
- Inner ring extended on both sides



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
TCJT 20	-	0.787	20	2.402	61	4.409	112	0.394	10	0.453	11.5	1.721	43.7	3.543	90	1.103	0.5
TCJT 25	-	0.984	25	2.756	70	4.882	124	0.433	11	0.453	11.5	1.748	44.4	3.898	99	1.544	0.7
TCJT 30	-	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.906	48.4	4.587	116.5	2.205	1
TCJT 35	-	1.378	35	3.622	92	6.102	155	0.492	12.5	0.551	14	2.012	51.1	5.118	130	2.867	1.3
TCJT 40	-	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14	2.217	56.3	5.650	143.5	3.969	1.8
TCJT 45	-	1.772	45	4.409	112	7.106	180.5	0.512	13	0.551	14	2.217	56.3	5.847	148.5	4.631	2.1
TCJT 50	-	1.969	50	4.567	116	7.480	190	0.512	13	0.709	18	2.469	62.7	6.181	157	5.513	2.5
TCJT 55	-	2.165	55	5.295	134.5	8.898	226	0.669	17	0.669	17	2.811	71.4	7.244	184	8.600	3.9
TCJT 60	-	2.362	60	5.433	138	9.370	238	0.630	16	0.709	18	3.063	77.8	7.953	202	9.482	4.3
TCJT 65	-	2.559	65	6.299	160	10.157	258	0.709	18	0.827	21	2.602	66.1	8.504	216	14.134	6.4
TCJT 70	-	2.756	70	6.299	160	10.157	258	0.709	18	0.827	21	2.602	66.1	8.504	216	13.561	6.2
TCJT 75	-	2.953	75	6.299	160	10.157	258	0.709	18	0.827	21	2.642	67.1	8.504	216	13.230	6

CONTINUED FROM ABOVE

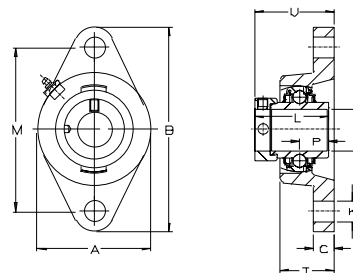
PART NUMBER	P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
	inch	mm	inch	mm	inch	mm						
TCJT 20	0.748	19	1.102	28	1.795	45.6	GE20 KPPB-3	CJT 04	2900	12800	1480	6600
TCJT 25	0.748	19	1.043	26.5	1.807	45.9	GE25 KPPB-3	CJT 05	3150	14000	1760	7800
TCJT 30	0.787	20	1.142	29	1.972	50.1	GE30 KPPB-3	CJT 06	4350	19500	2550	11300
TCJT 35	0.827	21	1.201	30.5	2.098	53.3	GE35 KPPB-3	CJT 07	5800	25500	3450	15300
TCJT 40	0.945	24	1.358	34.5	2.319	58.9	GE40 KPPB-3	CJT 08	7300	32500	4450	19800
TCJT 45	0.945	24	1.516	38.5	2.319	58.9	GE45 KPPB-3	CJT 09	7400	32500	4600	20400
TCJT 50	1.102	28	1.535	39	2.602	66.1	GE50 KPPB-3	CJT 10	7900	35000	5200	23200
TCJT 55	1.221	31	1.811	46	2.937	74.6	GE55 KPPB-3	CJT 11	9800	43500	6600	29000
TCJT 60	1.339	34	1.949	49.5	3.181	80.8	GE60 KPPB-3	CJT 12	11800	52000	8100	36000
TCJT 65	1.496	38	2.244	57	3.252	82.6	GE65 KPPB-3	CJT 13/14	14000	62000	9900	44000
TCJT 70	1.496	38	2.244	57	3.252	82.6	GE70 KPPB-3	CJT 13/14	14000	62000	9900	44000
TCJT 75	1.496	38	2.244	57	3.291	83.6	GE75 KPPB-3	CJT 15	14000	62000	10100	44500



Oval Flanged Housed Bearing Units

LCJT SERIES

- Two bolt flanged mounting
- Cast iron housing
- Eccentric locking collar
- Labyrinth type L seal



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
LCJT 20	-	0.787	20	2.441	62	4.409	112	0.394	10	0.453	11.5	1.721	43.7	3.543	90	1.103	0.5
LCJT 25	-	0.984	25	2.795	71	4.882	124	0.433	11	0.453	11.5	1.748	44.4	3.898	99	1.544	0.7
LCJT 30	-	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.906	48.4	4.587	116.5	2.205	1
LCJT 35	-	1.378	35	3.622	92	6.142	156	0.492	12.5	0.551	14	2.012	51.1	5.118	130	2.867	1.3
LCJT 40	-	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14	2.217	56.3	5.65	143.5	3.969	1.8
LCJT 45	-	1.772	45	4.409	112	7.106	180.5	0.512	13	0.551	14	2.217	56.3	5.847	148.5	4.631	2.1
LCJT 50	-	1.969	50	4.567	116	7.520	191	0.512	13	0.709	18	2.469	62.7	6.181	157	5.513	2.5

CONTINUED FROM ABOVE

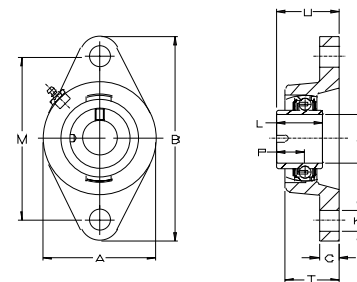
PART NUMBER	P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N
	inch	mm	inch	mm	inch	mm						
LCJT 20	0.748	19	1.102	28	1.795	45.6	GE20 KLLHB	CJT 04	2900	12800	1480	6600
LCJT 25	0.748	19	1.043	26.5	1.807	45.9	GE25 KLLHB	CJT 05	3150	14000	1760	7800
LCJT 30	0.787	20	1.142	29	1.972	50.1	GE30 KLLHB	CJT 06	4350	19500	2550	11300
LCJT 35	0.827	21	1.201	30.5	2.098	53.3	GE35 KLLHB	CJT 07	5800	25500	3450	15300
LCJT 40	0.945	24	1.358	34.5	2.319	58.9	GE40 KLLHB	CJT 08	7300	32500	4450	19800
LCJT 45	0.945	24	1.516	38.5	2.319	58.9	GE45 KLLHB	CJT 09	7400	32500	4600	20400
LCJT 50	1.102	28	1.535	39	2.602	66.1	GE50 KLLHB	CJT 10	7900	35000	5200	23200



Oval Flanged Housings

RCJTL SERIES

- Two bolt mounting
- Metric series
- Non-locating bearing
- R seals
- Radial internal clearance C4



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	L	L	M	M	WGT.	WGT.
	inch	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RCJTL 30	-	1.181	30	3.169	80.5	5.591	142	0.512	13	0.453	11.5	1.437	36.5	4.587	116.5	2.205	1.0
RCJTL 35	-	1.378	35	3.642	92.5	6.142	156	0.551	14	0.551	14	1.484	37.7	5.118	130	2.867	1.3
RCJTL 40	-	1.575	40	4.154	105.5	6.811	173	0.591	15	0.551	14	1.689	42.9	5.650	143.5	3.969	1.8
RCJTL 45	-	1.772	45	4.409	112	7.106	180.5	0.591	15	0.551	14	1.689	42.9	5.847	148.5	4.631	2.1
RCJTL 50	-	1.969	50	4.587	116.5	7.520	191	0.630	16	0.669	17	1.937	49.2	6.181	157	5.513	2.5
RCJTL 60	-	2.362	60	5.512	140	9.409	239	0.709	18	0.709	18	2.437	61.9	7.953	202	9.482	4.3
RCJTL 70	-	2.756	70	6.299	160	10.157	258	0.709	18	0.827	21	2.685	68.2	8.504	216	13.561	6.2

CONTINUED FROM ABOVE

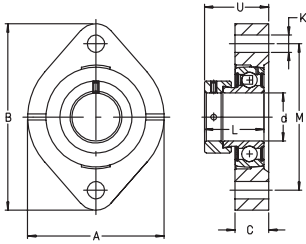
PART NUMBER	P	P	T	T	U	U	INSERT	HSG.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀
	inch	mm	inch	mm	inch	mm			lbf	N	lbf	N
RCJTL 30	0.787	20	1.280	32.5	1.732	44	GLE30 KRRB	CJT 06	4350	19500	2550	11300
RCJTL 35	0.827	21	1.358	34.5	1.693	43	GLE35 KRRB	CJT 07	5800	25500	3450	15300
RCJTL 40	0.945	24	1.496	38	2.008	51	GLE40 KRRB	CJT 08	7300	32500	4450	19800
RCJTL 45	0.945	24	1.516	38.5	1.949	49.5	GLE45 KRRB	CJT 09	7400	32500	4600	20400
RCJTL 50	1.102	28	1.693	43	2.291	58.2	GLE50 KRRB	CJT 10	7900	35000	5200	23200
RCJTL 60	1.339	34	1.949	49.5	2.807	71.3	GLE60 KRRB	CJT 12	11800	52000	8100	36000
RCJTL 70	1.496	38	2.244	57	3.118	79.2	GLE70 KRRB	CJT 13/14	14000	62000	9900	44000



Housing Units

FLCTE, GLCTE SERIES

- Metric
- Two bolt flange
- FL, Greased for life
- GL, Relubricable



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT inch	SHAFT mm	A inch	A mm	B inch	B mm	C inch	C mm	K inch	K mm
FLCTE30	1.181	30	3.307	84	4.429	112.5	0.807	20.5	0.453	11.5
FLCTE35	1.378	35	3.701	94	4.961	126	0.866	22	0.453	11.5
FLCTE40	1.575	40	3.937	100	5.906	150	0.945	24	0.551	14
GLCTE30	1.181	30	3.307	84	4.429	112.5	0.807	20.5	0.453	11.5
GLCTE35	1.378	35	3.701	94	4.961	126	0.866	22	0.453	11.5
GLCTE40	1.575	40	3.937	100	5.906	150	0.945	24	0.551	14

CONTINUED FROM ABOVE

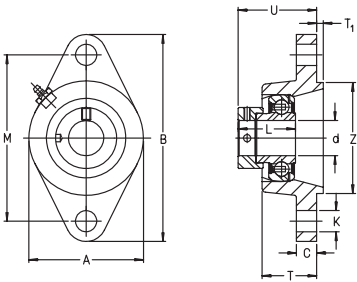
PART NUMBER	L inch	L mm	M inch	M mm	U inch	U mm	WGT. lbs	WGT. kg	HOUSING.	INSERT
FLCTE30	1.406	35.7	3.563	90.5	1.500	38.1	1.676	0.76	LCTE06	RAE30NPPB
FLCTE35	1.532	38.9	3.937	100	1.646	41.8	2.249	1.02	LCTE07	RAE35NPPB
FLCTE40	1.721	43.7	4.685	119	1.819	46.2	2.800	1.27	LCTE08	RAE40NPPB
GLCTE30	1.406	35.7	3.563	90.5	1.500	38.1	1.676	0.76	GLCTE06	GRAE30NPPB
GLCTE35	1.532	38.9	3.937	100	1.646	41.8	2.249	1.02	GLCTE07	GRAE35NPPB
GLCTE40	1.721	43.7	4.685	119	1.819	46.2	2.800	1.27	GLCTE08	GRAE40NPPB



Housing Units

PCJTZ SERIES

- Metric series
- 2 bolt flange
- Housing pilot
- Economy seal
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
PCJTZ20	0.787	20	2.402	61	4.409	112	0.394	10	0.453	11.5	1.221	31	3.543	90	1.102	28
PCJTZ25	0.984	25	2.756	70	4.882	124	0.433	11	0.453	11.5	1.221	31	3.898	99	1.043	26.5
PCJTZ30	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.406	35.7	4.587	116.5	1.024	26
PCJTZ35	1.378	35	3.622	92	6.102	155	0.492	12.5	0.551	14.0	1.532	38.9	5.118	130	1.043	26.5
PCJTZ40	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14.0	1.721	43.7	5.650	143.5	1.201	30.5
PCJTZ45	1.772	45	4.370	111	7.087	180	0.512	13	0.551	14.0	1.721	43.7	5.847	148.5	1.221	31
PCJTZ50	1.969	50	4.567	116	7.480	190	0.512	13	0.709	18.0	1.721	43.7	6.181	157	1.378	35

CONTINUED FROM ABOVE

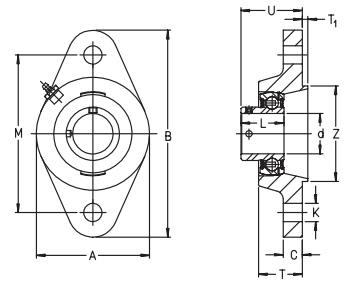
PART NUMBER	T ₁ inch	T ₁ mm	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
PCJTZ20	0.138	3.5	1.673	42.5	2.165	55	2,900	12800	1,480	6600	1.080	0.490	CJTZ04	GRAE20NPPB
PCJTZ25	0.138	3.5	1.673	42.5	2.362	60	3,150	14000	1,750	7800	1.279	0.580	CJTZ05	GRAE25NPPB
PCJTZ30	0.118	3	1.937	49.2	3.150	80	4,400	19500	2,550	11300	1.830	0.830	CJTZ06	GRAE30NPPB
PCJTZ35	0.158	4	1.984	50.4	3.543	90	5,750	25500	3,450	15300	2.536	1.150	CJTZ07	GRAE35NPPB
PCJTZ40	0.158	4	2.232	56.7	3.937	100	7,300	32500	4,450	19800	3.462	1.570	CJTZ08	GRAE40NPPB
PCJTZ45	0.158	4	2.232	56.7	4.134	105	7,300	32500	4,600	20400	3.837	1.740	CJTZ09	GRAE45NPPB
PCJTZ50	0.158	4	2.390	60.7	4.134	105	7,850	35000	5,200	23200	4.366	1.980	CJTZ10	GRAE50NPPB



Housing Units

PCJTZY SERIES

- Metric series
- 2 bolt flange
- Housing pilot
- Economy seals
- Set screw locking



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
PCJTZY20	0.787	20	2.402	61	4.409	112	0.394	10	0.453	11.5	0.984	25	3.543	90	1.248	31.7
PCJTZY25	0.984	25	2.756	70	4.882	124	0.433	11	0.453	11.5	1.063	27	3.898	99	1.043	26.5
PCJTZY30	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.181	30	4.587	116.5	1.024	26
PCJTZY35	1.378	35	3.622	92	6.102	155	0.492	12.5	0.551	14.0	1.378	35	5.118	130	1.043	26.5
PCJTZY40	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14.0	1.555	39.5	5.650	143.5	1.201	30.5
PCJTZY45	1.772	45	4.370	111	7.087	180	0.512	13	0.551	14.0	1.634	41.5	5.847	148.5	1.221	31
PCJTZY50	1.969	50	4.567	116	7.480	190	0.512	13	0.709	18.0	1.693	43	6.181	157	1.378	35

CONTINUED FROM ABOVE

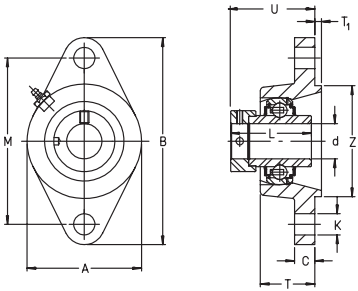
PART NUMBER	T ₁ inch	T ₁ mm	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
PCJTZY20	0.138	3.5	1.457	37	2.165	55	2,900	12800	1,480	6600	1.014	0.460	CJTZ04	GAY20NPPB
PCJTZY25	0.138	3.5	1.516	38.5	2.362	60	3,150	14000	1,750	7800	1.103	0.500	CJTZ05	GAY25NPPB
PCJTZY30	0.118	3	1.614	41	3.150	80	4,400	19500	2,550	11300	1.698	0.770	CJTZ06	GAY30NPPB
PCJTZY35	0.158	4	1.831	46.5	3.543	90	5,750	25500	3,450	15300	2.337	1.060	CJTZ07	GAY35NPPB
PCJTZY40	0.158	4	2.087	53	3.937	100	7,300	32500	4,450	19800	3.219	1.460	CJTZ08	GAY40NPPB
PCJTZY45	0.158	4	2.146	54.5	4.134	105	7,300	32500	4,600	20400	3.528	1.600	CJTZ09	GAY45NPPB
PCJTZY50	0.158	4	2.362	60	4.134	105	7,850	35000	5,200	23200	4.035	1.830	CJTZ10	GAY50NPPB



Housing Units

RCJTZ SERIES

- Metric series
- 2 bolt flange
- Housing pilot
- Standard seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
RCJTZ20	0.787	20	2.382	60.5	4.429	112.5	0.394	10	0.453	11.5	1.721	43.7	3.543	90	1.102	28
RCJTZ25	0.984	25	2.756	70	4.882	124	0.472	12	0.453	11.5	1.748	44.4	3.898	99	1.043	26.5
RCJTZ30	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.906	48.4	4.587	116.5	1.024	26
RCJTZ35	1.378	35	3.701	94	6.102	155	0.492	12.5	0.551	14.0	2.012	51.1	5.118	130	1.043	26.5
RCJTZ40	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14.0	2.217	56.3	5.650	143.5	1.201	30.5
RCJTZ45	1.772	45	4.370	111	7.087	180	0.512	13	0.551	14.0	2.217	56.3	5.847	148.5	1.221	31
RCJTZ50	1.969	50	4.567	116	7.480	190	0.512	13	0.551	14.0	2.469	62.7	6.181	157	1.378	35

CONTINUED FROM ABOVE

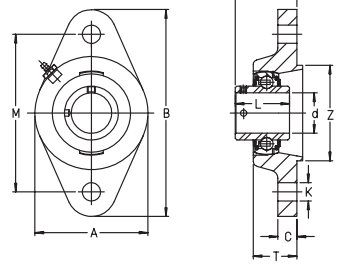
PART NUMBER	T ₁ inch	T ₁ mm	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
RCJTZ20	0.138	3.5	1.780	45.2	2.165	55	2,900	12800	1,480	6600	1.169	0.530	CJTZ04	GE20KRRB
RCJTZ25	0.138	3.5	1.807	45.9	2.362	60	3,150	14000	1,750	7800	1.411	0.640	CJTZ05	GE25KRRB
RCJTZ30	0.118	3	1.854	47.1	3.150	80	4,400	19500	2,550	11300	1.985	0.900	CJTZ06	GE30KRRB
RCJTZ35	0.158	4	1.941	49.3	3.543	90	5,750	25500	3,450	15300	2.690	1.220	CJTZ07	GE35KRRB
RCJTZ40	0.158	4	2.161	54.9	3.937	100	7,300	32500	4,450	19800	3.726	1.690	CJTZ08	GE40KRRB
RCJTZ45	0.158	4	2.161	54.9	4.134	105	7,300	32500	4,600	20400	4.101	1.860	CJTZ09	GE45KRRB
RCJTZ50	0.158	4	2.445	62.1	4.134	105	7,850	35000	5,200	23200	4.873	2.210	CJTZ10	GE50KRRB



Housing Units

RCJTZY SERIES

- Metric series
- 2 bolt flange
- Housing pilot
- Standard seals
- Set screw locking



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	C inch	C mm	K inch	K mm	L inch	L mm	M inch	M mm	T inch	T mm
RCJTZY20	0.787	20	2.402	61	4.409	112	0.394	10	0.453	11.5	1.221	31	3.543	90	1.248	31.7
RCJTZY25	0.984	25	2.756	70	4.882	124	0.433	11	0.453	11.5	1.343	34.1	3.898	99	1.043	26.5
RCJTZY30	1.181	30	3.150	80	5.591	142	0.472	12	0.453	11.5	1.500	38.1	4.587	116.5	1.024	26
RCJTZY35	1.378	35	3.622	92	6.102	155	0.492	12.5	0.551	14.0	1.689	42.9	5.118	130	1.043	26.5
RCJTZY40	1.575	40	4.134	105	6.772	172	0.512	13	0.551	14.0	1.937	49.2	5.650	143.5	1.201	30.5
RCJTZY45	1.772	45	4.370	111	7.087	180	0.512	13	0.551	14.0	1.937	49.2	5.847	148.5	1.221	31
RCJTZY50	1.969	50	4.567	116	7.480	190	0.512	13	0.709	18.0	2.032	51.6	6.181	157	1.378	35

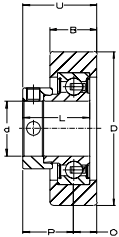
CONTINUED FROM ABOVE

PART NUMBER	T ₁ inch	T ₁ mm	U inch	U mm	Z inch	Z mm	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	WEIGHT lbs	WEIGHT kg	HOUSING	INSERT
RCJTZY20	0.138	3.5	1.469	37.3	2.165	55	2,900	12800	1,480	6600	1.103	0.500	CJTZ04	GYE20KRRB
RCJTZY25	0.138	3.5	1.528	38.8	2.362	60	3,150	14000	1,750	7800	1.301	0.590	CJTZ05	GYE25KRRB
RCJTZY30	0.118	3	1.661	42.2	3.150	80	4,400	19500	2,550	11300	1.698	0.770	CJTZ06	GYE30KRRB
RCJTZY35	0.158	4	1.906	48.4	3.543	90	5,750	25500	3,450	15300	2.558	1.160	CJTZ07	GYE35KRRB
RCJTZY40	0.158	4	2.134	54.2	3.937	100	7,300	32500	4,450	19800	3.528	1.600	CJTZ08	GYE40KRRB
RCJTZY45	0.158	4	2.134	54.2	4.134	105	7,300	32500	4,600	20400	3.859	1.750	CJTZ09	GYE45KRRB
RCJTZY50	0.158	4	2.386	60.6	4.134	105	7,850	35000	5,200	23200	4.873	2.210	CJTZ10	GYE50KRRB



Radial Insert Ball Bearings With Rubber Interliner RCSMB SERIES

- Hardness of the interliner - 55° – 70° Shore A
- Economy P seals
- Cylindrical outside surface
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d inch	SHAFT d mm	D inch	D mm	B inch	B mm	U inch	U mm
RCSMB15/65	-	0.591	15	2.559	65	1.000	25.4	1.370	34.8
RCSMB17/65	-	0.669	17	2.559	65	1.000	25.4	1.370	34.8
RCSMB20/65	-	0.787	20	2.559	65	1.000	25.4	1.425	36.2
RCSMB25/65	-	0.984	25	2.559	65	1.000	25.4	1.425	36.2
RCSMA30/65	-	1.181	30	2.559	65	1.000	25.4	1.394	35.4

CONTINUED FROM ABOVE

PART NUMBER	L inch	L mm	INSERT	RUBBER LINER	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	RUBBER LINER CAPACITY lbf	RUBBER LINER CAPACITY N	WGT. lbs	WGT. kg
RCSMB15/65	1.126	28.6	RAE 15 NPP	RCSM 40/65	2150	9600	1070	4750	200	900	0.40	0.18
RCSMB17/65	1.126	28.6	RAE 17 NPP	RCSM 40/65	2150	9600	1070	4750	200	900	0.40	0.18
RCSMB20/65	1.220	31	RAE 20 NPP	RCSM 47/65	2870	12800	1480	6600	270	1200	0.49	0.22
RCSMB25/65	1.220	31	RAE 25 NPP	RCSM 52/65	3150	14000	1750	7800	315	1400	0.53	0.24
RCSMA30/65	1.043	26.5	RALE 30 NPP	RCSM 55/65	2950	13200	1860	8300	315	1400	0.71	0.32

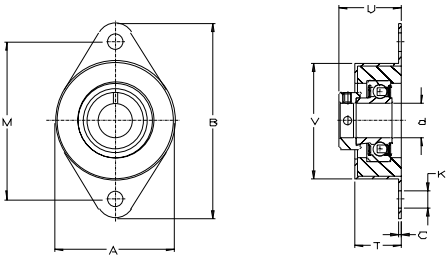


Oval Flanged Housing Units

With Rubber Interliner

RCSMF SERIES

- 2 bolt mounting
- Metric series
- Sheet steel housing
- Standard R seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	A	A	B	B	C	C	K	K	M	M	WGT.	WGT.
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
RCSMF 12	0.472	12	2.756	70	4.488	114	0.059	1.5	0.413	10.5	3.622	92	0.60	0.27
RCSMF 15	0.591	15	2.756	70	4.488	114	0.059	1.5	0.413	10.5	3.622	92	0.60	0.27
RCSMF 17	0.669	17	2.756	70	4.488	114	0.059	1.5	0.413	10.5	3.622	92	0.60	0.27
RCSMF 20	0.787	20	2.756	70	4.488	114	0.059	1.5	0.413	10.5	3.622	92	0.71	0.32
RCSMF 25	0.984	25	2.756	70	4.488	114	0.059	1.5	0.413	10.5	3.622	92	0.73	0.33

CONTINUED FROM ABOVE

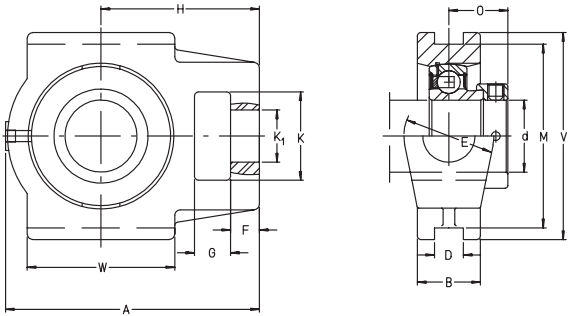
PART NUMBER	T	T	U	U	V	V	INSERT	RUBBER LINER	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀	RUBBER INTERLINER Cg	RUBBER INTERLINER Cg
	inch	mm	inch	mm	inch	mm			lbf	N	lbf	N	lbf	N
RCSMF 12	1.063	27	1.370	34.8	2.677	68	RAE 12 NPP	65 RCSMF	2150	9600	1070	4750	200	900
RCSMF 15	1.063	27	1.370	34.8	2.677	68	RAE 15 NPP	65 RCSMF	2150	9600	1070	4750	200	900
RCSMF 17	1.063	27	1.370	34.8	2.677	68	RAE 17 NPP	65 RCSMF	2150	9600	1070	4750	200	900
RCSMF 20	1.063	27	1.425	36.2	2.677	68	RAE 20 NPP	65 RCSMF	2900	12800	1480	6600	250	1100
RCSMF 25	1.063	27	1.425	36.2	2.677	68	RAE 25 NPP	65 RCSMF	3150	14000	1760	7800	320	1400



Take Up Units

PTUE SERIES

- Metric series
- ISO slot width
- Economy seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	A	A	B	B	D	D	E	E	F	F	G	G	H	H	K	K
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
PTUE20	0.7874	20	3.7205	94.5	0.9843	25	0.4724	12	1.4567	37	0.3543	9	0.7087	18	2.3622	60	0.7480	19
PTUE25	0.9843	25	3.8780	98.5	0.9843	25	0.4724	12	1.4567	37	0.3937	10	0.7087	18	2.4409	62	0.7480	19
PTUE30	1.1811	30	4.5079	114.5	0.9843	25	0.4724	12	1.4567	37	0.3937	10	0.7087	18	2.7559	70	0.8661	22
PTUE35	1.3780	35	5.1772	131.5	1.1811	30	0.4724	12	1.5748	40	0.5118	13	0.7087	18	3.1496	80	0.8661	22
PTUE40	1.5748	40	5.5512	141	1.3780	35	0.6299	16	1.9685	50	0.6299	16	0.7874	20	3.4646	88	1.1417	29
PTUE45	1.7717	45	5.5512	141	1.3780	35	0.6299	16	1.9685	50	0.6299	16	0.7874	20	3.4646	88	1.1417	29
PTUE50	1.9685	50	5.8268	148	1.3780	35	0.6299	16	1.9685	50	0.6299	16	0.7874	20	3.5433	90	1.1417	29

CONTINUED FROM ABOVE

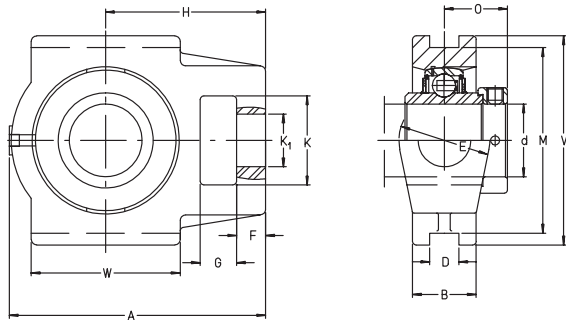
PART NUMBER	K ₁	K ₁	M	M	O	O	V	V	W	W	WGT.	WGT.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀	HSG.	INSERT
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N		
PTUE20	1.2598	32	2.9921	76	0.9252	23.5	3.5433	90	1.9685	50	1.83	0.83	2,900	12800	1,480	6600	TUE04	GRAE20NPPB
PTUE25	1.2598	32	2.9921	76	0.9252	23.5	3.5433	90	1.9685	50	1.874	0.85	3,150	14000	1,750	7800	TUE05	GRAE25NPPB
PTUE30	1.4370	36.5	3.5039	89	1.0512	26.7	4.0157	102	2.2441	57	2.58	1.17	4,400	19500	2,550	11300	TUE06	GRAE30NPPB
PTUE35	1.4370	36.5	3.5039	89	1.1575	29.4	4.0157	102	2.4803	63	3.815	1.73	5,750	25500	3,450	15300	TUE07	GRAE35NPPB
PTUE40	1.9291	49	4.0157	102	1.2874	32.7	4.5276	115	3.2283	82	5.292	2.4	7,300	32500	4,450	19800	TUE08	GRAE40NPPB
PTUE45	1.9291	49	4.0157	102	1.2874	32.7	4.5276	115	3.2283	82	5.49	2.49	7,300	32500	4,600	20400	TUE09	GRAE45NPPB
PTUE50	1.9291	49	4.0157	102	1.2874	32.7	4.5276	115	3.3465	85	5.336	2.42	7,850	35000	5,200	23200	TUE10	GRAE50NPPB



Take Up Housing Units

RTUE SERIES

- Metric series
- ISO slot width
- Standard R seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d		A		B		D		E		F		G		H		K	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
RTUE20	0.787	20	3.721	94.5	0.984	25	0.472	12	1.457	37	0.354	9	0.709	18	2.362	60	0.748	19
RTUE25	0.984	25	3.878	98.5	0.984	25	0.472	12	1.457	37	0.394	10	0.709	18	2.441	62	0.748	19
RTUE30	1.181	30	4.508	114.5	0.984	25	0.472	12	1.457	37	0.394	10	0.709	18	2.756	70	0.866	22
RTUE35	1.378	35	5.177	131.5	1.181	30	0.472	12	1.575	40	0.512	13	0.709	18	3.150	80	0.866	22
RTUE40	1.575	40	5.551	141	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.465	88	1.142	29
RTUE45	1.772	45	5.551	141	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.465	88	1.142	29
RTUE50	1.969	50	5.827	148	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.543	90	1.142	29
RTUE55	2.165	55	6.654	169	1.654	42	0.866	22	2.362	60	0.669	17	1.024	26	4.094	104	1.378	35
RTUE65	2.559	65	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	1.614	41
RTUE70	2.756	70	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	1.614	41
RTUE75	2.953	75	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	1.614	41
RTUE80	3.150	80	9.055	230	1.969	50	1.102	28	2.756	70	0.787	20	1.378	35	5.512	140	1.614	41

CONTINUED FROM ABOVE

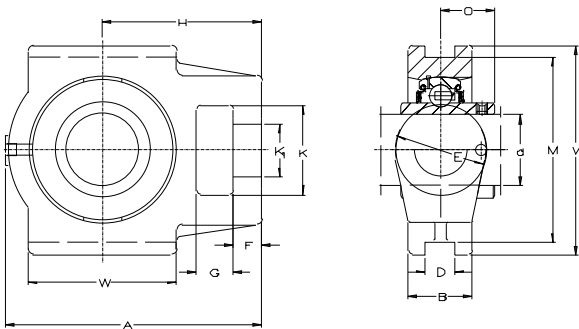
PART NUMBER	K ₁		M		O		V		W		WGT.	WGT.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀	HSG.	INSERT
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N		
RTUE20	1.260	32	2.992	76	1.047	26.6	3.543	90	1.969	50	1.918	0.870	2900	12800	1480	6600	TUE 04	GE20KRRB
RTUE25	1.260	32	2.992	76	1.059	26.9	3.543	90	1.969	50	2.007	0.910	3150	14000	1750	7800	TUE 05	GE25KRRB
RTUE30	1.437	36.5	3.504	89	1.185	30.1	4.016	102	2.244	57	2.734	1.240	4400	19500	2550	11300	TUE 06	GE30KRRB
RTUE35	1.437	36.5	3.504	89	1.272	32.3	4.016	102	2.480	63	3.969	1.800	5750	25500	3450	15300	TUE 07	GE35KRRB
RTUE40	1.929	49	4.016	102	1.374	34.9	4.528	115	3.228	82	5.557	2.520	7300	32500	4450	19800	TUE 08	GE40KRRB
RTUE45	1.929	49	4.016	102	1.374	34.9	4.528	115	3.228	82	5.750	2.610	7300	32500	4600	20400	TUE 09	GE45KRRB
RTUE50	1.929	49	4.016	102	1.500	38.1	4.528	115	3.347	85	5.843	2.650	7850	35000	5200	23200	TUE 10	GE50KRRB
RTUE55	2.500	63.5	5.118	130	1.717	43.6	5.709	145	3.740	95	10.143	4.600	9800	43500	6500	29000	TUE 11	GE55KRRB
RTUE65	2.756	70	5.945	151	1.756	44.6	6.535	166	4.724	120	16.449	7.460	13950	62000	9900	44000	TUE 13/14	GE65KRRB
RTUE70	2.756	70	5.945	151	1.756	44.6	6.535	166	4.724	120	15.876	7.200	13950	62000	9900	44000	TUE 13/14	GE70KRRB
RTUE75	2.756	70	5.945	151	1.795	45.6	6.535	166	4.724	120	15.545	7.050	13950	62000	10000	44500	TUE 15	GE75KRRB
RTUE80	2.756	70	6.496	165	1.874	47.6	7.244	184	4.724	120	18.522	8.400	16200	72000	16200	72000	TUE 16	GE80KRRB



Take-up Housing Units

RTUEY SERIES

- Metric series
- Standard R seals
- ISO slot width
- Set screw locking



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d	SHAFT d	A	A	B	B	D	D	E	E	F	F	G	G	H	H	K	K
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
RTUEY 20	0.787	20	3.720	94.5	0.984	25	0.472	12	1.457	37	0.354	9	0.709	18	2.362	60	1.260	32
RTUEY 25	0.984	25	3.878	98.5	0.984	25	0.472	12	1.457	37	0.394	10	0.709	18	2.441	62	1.260	32
RTUEY 30	1.181	30	4.508	114.5	0.984	25	0.472	12	1.457	37	0.394	10	0.709	18	2.756	70	1.437	36.50
RTUEY 35	1.378	35	5.177	131.5	1.181	30	0.472	12	1.575	40	0.512	13	0.709	18	3.150	80	1.437	36.50
RTUEY 40	1.575	40	5.551	141	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.465	88	1.929	49
RTUEY 50	1.969	50	5.827	148	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.543	90	1.929	49
RTUEY 60	2.362	60	7.323	186	1.732	44	0.866	22	2.362	60	0.748	19	1.260	32	4.646	118	2.500	63.50
RTUEY 65	2.559	65	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	2.756	70
RTUEY 70	2.756	70	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	2.756	70
RTUEY 75	2.953	75	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	2.756	70
RTUEY 80	3.150	80	9.055	230	1.969	50	1.102	28	2.756	70	0.787	20	1.378	35	5.512	140	2.756	70

CONTINUED FROM ABOVE

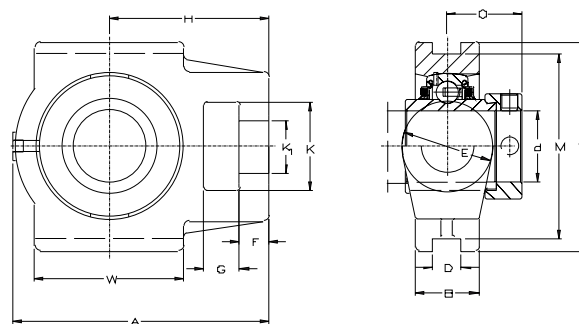
PART NUMBER	K ₁	K ₁	M	M	O	O	V	V	W	W	WGT.	WGT.	DYN. CAP. C	DYN. CAP. C	STAT. CAP. C ₀	STAT. CAP. C ₀	HSG.	INSERT
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	lbf	N	lbf	N		
RTUEY 20	0.748	19	2.992	76	0.720	18.00	3.543	90	1.969	50	1.85	0.84	2880	12800	1485	6600	TUE 04	GYE 20 KRRB
RTUEY 25	0.748	19	2.992	76	0.780	19.00	3.543	90	1.969	50	1.90	0.86	3150	14000	1755	7800	TUE 05	GYE 25 KRRB
RTUEY 30	0.866	22	3.504	89	0.874	22.00	4.016	102	2.244	57	2.62	1.19	4400	19500	2540	11300	TUE 06	GYE 30 KRRB
RTUEY 35	0.866	22	3.504	89	1.000	25.00	4.016	102	2.480	63	3.84	1.74	5700	25500	3440	15300	TUE 07	GYE 35 KRRB
RTUEY 40	1.142	29	4.016	102	1.189	30.00	4.528	115	3.228	82	5.36	2.43	7300	32500	4455	19800	TUE 08	GYE 40 KRRB
RTUEY 50	1.142	29	4.016	102	1.283	32.00	4.528	115	3.346	85	5.40	2.45	7875	35000	5220	23200	TUE 10	GYE 50 KRRB
RTUEY 60	1.378	35	5.118	130	1.563	39.00	5.748	146	3.937	100	9.31	4.22	11700	52000	8100	36000	TUE 12	GYE 60 KRRB
RTUEY 65	1.614	41	5.945	151	1.748	44.40	6.535	166	4.724	120	15.44	7.00	13950	62000	9900	44000	TUE 13/14	GYE 65 KRRB
RTUEY 70	1.614	41	5.945	151	1.748	44.40	6.535	166	4.724	120	14.77	6.70	13950	62000	9900	44000	TUE 13/14	GYE 70 KRRB
RTUEY 75	1.614	41	5.945	151	1.752	44.50	6.535	166	4.724	120	14.53	6.59	13950	62000	10000	44500	TUE 15	GYE 75 KRRB
RTUEY 80	1.614	41	6.496	165	1.941	49.30	7.244	184	4.724	120	18.48	8.38	16200	72000	12150	54000	TUE 16	GYE 80 KRRB



Take Up Units

TTUE SERIES

- Metric series
- ISO slot width
- Tri-ply P3 seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	A inch	A mm	B inch	B mm	D inch	D mm	E inch	E mm	F inch	F mm	G inch	G mm	H inch	H mm	K inch	K mm
TTUE20	0.787	20	3.721	94.5	0.984	25	0.472	12	1.457	37	0.354	9	0.709	18	2.362	60	0.748	19
TTUE25	0.984	25	3.878	98.5	0.984	25	0.472	12	1.457	37	0.394	10	0.709	18	2.441	62	0.748	19
TTUE30	1.181	30	4.508	114.5	0.984	25	0.472	12	1.457	37	0.394	10	0.709	18	2.756	70	0.866	22
TTUE35	1.378	35	5.177	131.5	1.181	30	0.472	12	1.575	40	0.512	13	0.709	18	3.150	80	0.866	22
TTUE40	1.575	40	5.551	141	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.465	88	1.142	29
TTUE45	1.772	45	5.551	141	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.465	88	1.142	29
TTUE50	1.969	50	5.827	148	1.378	35	0.630	16	1.969	50	0.630	16	0.787	20	3.543	90	1.142	29
TTUE55	2.165	55	6.654	169	1.654	42	0.866	22	2.362	60	0.669	17	1.024	26	4.094	104	1.378	35
TTUE60	2.362	60	7.323	186	1.732	44	0.866	22	2.362	60	0.748	19	1.260	32	4.646	118	1.378	35
TTUE65	2.559	65	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	1.614	41
TTUE70	2.756	70	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	1.614	41
TTUE75	2.953	75	8.425	214	1.969	50	0.984	25	2.756	70	0.787	20	1.378	35	5.315	135	1.614	41
TTUE80	3.150	80	9.055	230	1.969	50	1.102	28	2.756	70	0.787	20	1.378	35	5.512	140	1.614	41

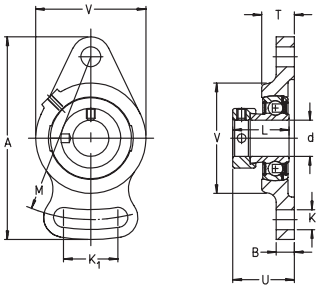
CONTINUED FROM ABOVE

PART NUMBER	K ₁ inch	K ₁ mm	M inch	M mm	O inch	O mm	V inch	V mm	W inch	W mm	WGT. lbs	WGT. kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	HSG.	INSERT
TTUE20	1.260	32	2.992	76	1.047	26.6	3.543	90	1.969	50	1.918	0.87	2900	12800	1480	6600	TUE 04	GE20KPPB-3
TTUE25	1.260	32	2.992	76	1.059	26.9	3.543	90	1.969	50	2.007	0.91	3150	14000	1750	7800	TUE 05	GE25KPPB-3
TTUE30	1.437	36.5	3.504	89	1.185	30.1	4.016	102	2.244	57	2.734	1.24	4400	19500	2550	11300	TUE 06	GE30KPPB-3
TTUE35	1.437	36.5	3.504	89	1.272	32.3	4.016	102	2.480	63	3.969	1.8	5750	25500	3450	15300	TUE 07	GE35KPPB-3
TTUE40	1.929	49	4.016	102	1.374	34.9	4.528	115	3.228	82	5.557	2.52	7300	32500	4450	19800	TUE 08	GE40KPPB-3
TTUE45	1.929	49	4.016	102	1.374	34.9	4.528	115	3.228	82	5.750	2.61	7300	32500	4600	20400	TUE 09	GE45KPPB-3
TTUE50	1.929	49	4.016	102	1.500	38.1	4.528	115	3.347	85	5.843	2.65	7850	35000	5200	23200	TUE 10	GE50KPPB-3
TTUE55	2.500	63.5	5.118	130	1.654	43.6	5.709	145	3.740	95	10.143	4.6	9800	43500	6500	29000	TUE 11	GE55KPPB-3
TTUE60	2.500	63.5	5.118	130	1.732	46.8	5.748	146	3.937	100	10.937	4.96	11700	52000	8000	36000	TUE 12	GE60KPPB-3
TTUE65	2.756	70	5.945	151	1.969	44.6	6.535	166	4.724	120	16.449	7.46	13950	62000	9900	44000	TUE 13/14	GE65KPPB-3
TTUE70	2.756	70	5.945	151	1.969	44.6	6.535	166	4.724	120	15.876	7.2	13950	62000	9900	44000	TUE 13/14	GE70KPPB-3
TTUE75	2.756	70	5.945	151	1.969	45.6	6.535	166	4.724	120	15.545	7.05	13950	62000	10000	44500	TUE 15	GE75KPPB-3
TTUE80	2.756	70	6.496	165	1.969	47.6	7.244	184	4.724	120	18.522	8.4	16200	72000	16200	72000	TUE 16	GE80KPPB-3

Housing Units

PSFT SERIES

- Metric series
- Pivoting 2 bolt flange take up unit
- Economy seals
- Eccentric locking collar



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	a inch	a mm	b inch	b mm	K inch	K mm	k1 inch	k1 mm	L inch	L mm	M inch	M mm
PSFT 20	0.787	20	4.409	112	0.394	10	0.453	11.5	1.181	30	1.221	31	3.543	90
PSFT 25	0.984	25	4.882	124	0.433	11	0.453	11.5	1.476	37.5	1.221	31	3.898	99
PSFT30	1.181	30	5.591	142	0.472	12	0.453	11.5	1.575	40	1.406	35.7	4.606	117
PSFT35	1.378	35	6.102	155	0.492	12.5	0.551	14	1.772	45	1.532	38.9	5.039	128

CONTINUED FROM ABOVE

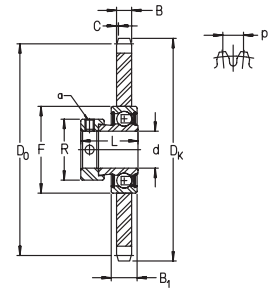
PART NUMBER	T inch	T mm	U inch	U mm	V inch	V mm	WGT. lbs	WGT. kg	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	HSG.	INSERT
PSFT 20	0.709	18	1.339	34	2.402	61	1.985	0.9	2,900	12800	1,480	6600	SFT04	GRAE20NPPB
PSFT 25	0.787	20	1.417	36	2.756	70	1.235	0.56	3,150	14000	1,750	7800	SFT05	GRAE25NPPB
PSFT30	0.866	22	1.563	39.7	3.150	80	1.698	0.77	4,400	19500	2,550	11300	SFT06	GRAE30NPPB
PSFT35	0.984	25	1.752	44.5	3.543	90	2.426	1.1	5,750	25500	3,450	15300	SFT07	GRAE35NPPB



Sprockets

KSR..BO SERIES

- Eccentric collar shaft locking
- Available sprockets are steel, powdered iron or plastic



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

For engineering or technical information contact your local sales representative or call Distributor Sales

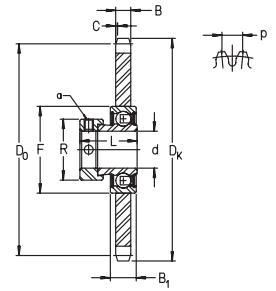
PART NUMBER	SHAFT d	SHAFT d	PITCH p	PITCH p	PITCH p	TEETH z	B	B	D ₀	D ₀	D _k	D _k	ANSI CHAIN REF
	inch	mm	inch	inch	mm	qty	inch	mm	inch	mm	inch	mm	
KSR15 BO 06 10 20 08	0.5906	15	3/8"	0.375	9.525	20	0.2047	5.2	2.3976	60.9	2.5591	65	40
KSR15 BO 08 10 16 08	0.5906	15	1/2"	0.5	12.7	16	0.2756	7	2.563	65.1	2.7756	70.5	
KSR15 BO 10 10 14 08	0.5906	15	5/8"	0.625	15.875	14	0.3425	8.7	2.8071	71.3	3.0709	78	
KSR15 BO 12 10 13 08	0.5906	15	3/4"	0.75	19.05	13	0.4134	10.5	3.1339	79.6	3.4252	87	
KSR20 BO 08 10 18 08	0.7874	20	1/2"	0.5	12.7	18	0.2756	7	2.878	73.1	3.0945	78.6	
KSR20 BO 08 10 18 15	0.7874	20	1/2"	0.5	12.7	18	0.2756	7	2.878	73.1	3.0945	78.6	50
KSR20 BO 10 10 17 08	0.7874	20	5/8"	0.625	15.875	17	0.3425	8.7	3.3976	86.3	3.6654	93.1	50
KSR20 BO 10 10 17 15	0.7874	20	5/8"	0.625	15.875	17	0.3425	8.7	3.3976	86.3	3.6654	93.1	50
KSR20 BO 12 10 15 16	0.7874	20	3/4"	0.75	19.05	15	0.4134	10.5	3.6063	91.6	3.9055	99.2	60
KSR20 BO 16 10 10 15	0.7874	20	1"	1	25.4	10	0.6024	15.3	3.2402	82.3	3.5197	89.4	60
KSR20 BO 20 10 10 15	0.7874	20	1 1/4"	1.25	31.75	10	0.7087	18	4.0512	102.9	4.3937	111.6	80
KSR25 BO 08 10 19 08	0.9843	25	1/2"	0.5	12.7	19	0.2756	7	3.0354	77.1	3.248	82.5	80
KSR25 BO 16 10 17 15	0.9843	25	1"	1	25.4	17	0.6024	15.3	5.4409	138.2	5.878	149.3	80
KSR30 BO 16 10 15 15	1.1811	30	1"	1	25.4	15	0.6024	15.3	4.811	122.2	5.1575	131	100
KSR30 BO 24 10 15 15	1.1811	30	1 1/2"	1.5	38.1	15	0.8976	22.8	7.2126	183.2	7.8622	199.7	120



Sprockets

KSR..BO SERIES

- Eccentric collar shaft locking
- Available sprockets are steel, powdered iron or plastic



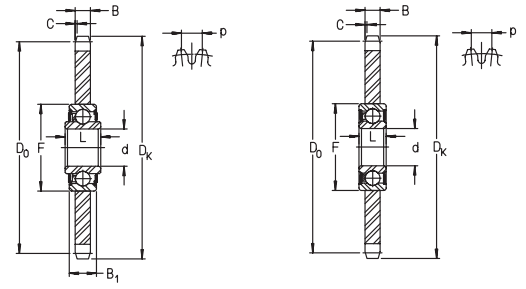
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales

C _{min}	C _{min}	F	F	L	L	B ₁	B ₁	R _{max}	R _{max}	a	a	WGT	WGT	DIN 8187 CHAIN	DIN 8188 CHAIN	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg			
0.0315	0.8	1.5748	40	1.126	28.6	0.4724	12	1.1024	28	0.1181	3	0.397	0.18	*		KSR15 BO 06 10 20 08
0.0433	1.1	1.5748	40	1.126	28.6	0.4724	12	1.1024	28	0.1181	3	0.463	0.21	*		KSR15 BO 08 10 16 08
0.0512	1.3	1.5748	40	1.1142	28.3	0.4724	12	1.1024	28	0.1181	3	0.573	0.26	*	*	KSR15 BO 10 10 14 08
0.0591	1.5	1.5748	40	1.126	28.6	0.4724	12	1.1024	28	0.1181	3	0.882	0.4	*	*	KSR15 BO 12 10 13 08
0.0433	1.1	1.8504	47	1.2205	31	0.5512	14	1.2992	33	0.1181	3	0.706	0.32	*	*	KSR20 BO 08 10 18 08
0.0433	1.1	1.8504	47	1.2205	31	0.5512	14	1.2992	33	0.1181	3	0.706	0.32	*	*	KSR20 BO 08 10 18 15
0.0512	1.3	1.8504	47	1.2205	31	0.5512	14	1.2992	33	0.1181	3	0.904	0.41	*	*	KSR20 BO 10 10 17 08
0.0512	1.3	1.8504	47	1.2205	31	0.5512	14	1.2992	33	0.1181	3	0.904	0.41	*	*	KSR20 BO 10 10 17 15
0.0591	1.5	1.8504	47	1.2205	31	0.5512	14	1.2992	33	0.1181	3	1.036	0.47	*	*	KSR20 BO 12 10 15 16
0.0787	2	1.8504	47	1.2205	31	0.5512	14	1.2992	33	0.1181	3	1.103	0.5	*		KSR20 BO 16 10 10 15
0.0984	2.5	1.8504	47	1.2205	31	0.5512	14	1.2992	33	0.1181	3	2.359	1.07	*	*	KSR20 BO 20 10 10 15
0.0433	1.1	2.0472	52	1.2205	31	0.5906	15	1.4764	37.5	0.1181	3	0.639	0.29	*	*	KSR25 BO 08 10 19 08
0.0787	2	2.0472	52	1.2205	31	0.5906	15	1.4764	37.5	0.1181	3	3.352	1.52	*		KSR25 BO 16 10 17 15
0.0787	2	2.4409	62	1.4055	35.7	0.7087	18	1.7323	44	0.1575	4	2.955	1.34	*		KSR30 BO 16 10 15 15
0.1299	3.3	2.4409	62	1.4055	35.7	0.7087	18	1.7323	44	0.1575	4	4.41	2	*	*	KSR30 BO 24 10 15 15

Sprockets

KSR..LO, KSR..KO SERIES

- Available sprockets are steel, powdered iron or plastic



KSR..LO

KSR..KO

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

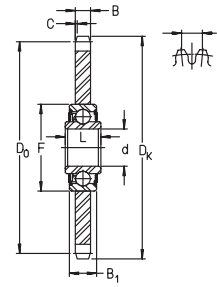
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	PITCH p inch	PITCH p inch	PIT CH p mm	TEETH z	B inch	B mm	D ₀ inch	D ₀ mm	D _k inch	D _k mm	ANSI CHAIN REF
KSR 16 LO 06 10 20 08	0.630	16	3/8"	0.375	9.525	20	0.205	5.2	2.398	60.9	2.559	65	
KSR 16 LO 06 10 20 22	0.630	16	3/8"	0.375	9.525	20	0.205	5.2	2.398	60.9	2.559	65	
KSR 16 LO 08 10 16 08	0.630	16	1/2"	0.5	12.7	16	0.276	7	2.563	65.1	2.776	70.5	40
KSR 16 LO 08 10 16 22	0.630	16	1/2"	0.5	12.7	16	0.276	7	2.563	65.1	2.776	70.5	40
KSR 16 LO 08 10 18 08	0.630	16	1/2"	0.5	12.7	18	0.276	7	2.878	73.1	3.095	78.6	40
KSR 16 LO 08 10 18 09	0.630	16	1/2"	0.5	12.7	18	0.276	7	2.878	73.1	3.095	78.6	40
KSR 16 LO 08 10 18 16	0.630	16	1/2"	0.5	12.7	18	0.276	7	2.878	73.1	3.095	78.6	40
KSR 16 LO 08 10 18 22	0.630	16	1/2"	0.5	12.7	18	0.276	7	2.878	73.1	3.095	78.6	40
KSR 16 LO 10 10 14 08	0.630	16	5/8"	0.625	15.875	14	0.343	8.7	2.807	71.3	3.071	78	50
KSR 16 LO 10 10 14 22	0.630	16	5/8"	0.625	15.875	14	0.343	8.7	2.807	71.3	3.071	78	50
KSR 16 LO 10 10 17 08	0.630	16	5/8"	0.625	15.875	17	0.343	8.7	3.402	86.4	3.665	93.1	50
KSR 16 LO 10 10 17 09	0.630	16	5/8"	0.625	15.875	17	0.343	8.7	3.402	86.4	3.665	93.1	50
KSR 16 LO 10 10 17 22	0.630	16	5/8"	0.625	15.875	17	0.343	8.7	3.402	86.4	3.665	93.1	50
KSR 16 LO 12 10 13 08	0.630	16	3/4"	0.75	19.05	13	0.413	10.5	3.134	79.6	3.425	87	60
KSR 16 LO 12 10 13 22	0.630	16	3/4"	0.75	19.05	13	0.413	10.5	3.134	79.6	3.425	87	60
KSR 16 LO 12 10 15 08	0.630	16	3/4"	0.75	19.05	15	0.413	10.5	3.606	91.6	3.906	99.2	60
KSR 16 LO 12 10 15 09	0.630	16	3/4"	0.75	19.05	15	0.413	10.5	3.606	91.6	3.906	99.2	60
KSR 16 LO 12 10 15 22	0.630	16	3/4"	0.75	19.05	15	0.413	10.5	3.606	91.6	3.906	99.2	60
KSR 16 LO 12 10 17 15	0.630	16	3/4"	0.75	19.05	17	0.413	10.5	4.083	103.7	4.386	111.4	60
KSR 16 LO 12 10 20 15	0.630	16	3/4"	0.75	19.05	20	0.413	10.5	4.795	121.8	5.118	130	60
KSR 20 LO 16 10 12 15	0.787	20	1"	1	25.4	12	0.602	15.3	3.862	98.1	4.236	107.6	80
KSR 20 LO 16 10 12 16	0.787	20	1"	1	25.4	12	0.602	15.3	3.862	98.1	4.236	107.6	80
KSR 20 LO 16 10 12 22	0.787	20	1"	1	25.4	12	0.602	15.3	3.862	98.1	4.236	107.6	80
KSR 25 LO 20 10 09 16	0.984	25	1 1/4"	1.25	31.75	9	0.693	17.6	3.654	92.8	4.055	103	100
KSR 25 LO 20 10 13 15	0.984	25	1 1/4"	1.25	31.75	13	0.693	17.6	5.224	132.7	5.669	144	100
KSR 40 KO 08 20 38 15	1.575	40	1/2"	0.5	12.7	38	0.280	7.1	6.055	153.8	6.260	159	40
KSR 40 KO 10 20 30 15	1.575	40	5/8"	0.625	15.875	30	0.343	8.7	5.984	152	6.221	158	50

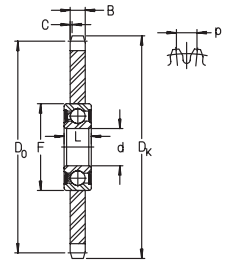
Sprockets

KSR..LO, KSR..KO SERIES

- Available sprockets are steel, powdered iron or plastic



KSR..LO



KSR..KO

For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

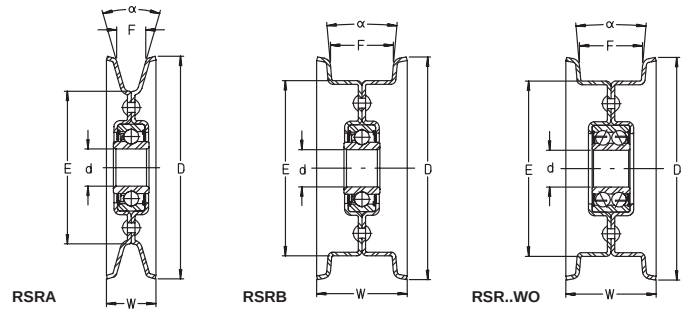
For engineering or technical information contact your local sales representative or call Distributor Sales

C _{min}	C _{min}	F	F	L	L	B ₁	B ₁	R _{max}	R _{max}	WGT.	WGT.	DIN	DIN	PART NUMBER
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg	8187	8188	
												CHAIN	CHAIN	
0.032	0.8	1.575	40	0.721	18.3	0.472	12	1.890	48	0.309	0.14	*	*	KSR 16 LO 06 10 20 08
0.032	0.8	1.575	40	0.721	18.3	0.709	18			0.221	0.1	*	*	KSR 16 LO 06 10 20 22
0.043	1.1	1.575	40	0.721	18.3	0.472	12			0.353	0.16	*	*	KSR 16 LO 08 10 16 08
0.043	1.1	1.575	40	0.721	18.3	0.713	18.1	1.890	48	0.221	0.1	*	*	KSR 16 LO 08 10 16 22
0.043	1.1	1.575	40	0.721	18.3	0.472	12			0.463	0.21	*	*	KSR 16 LO 08 10 18 08
0.043	1.1	1.575	40	0.721	18.3	0.472	12			0.463	0.21	*	*	KSR 16 LO 08 10 18 09
0.043	1.1	1.575	40	0.721	18.3	0.472	12			0.463	0.21	*	*	KSR 16 LO 08 10 18 16
0.043	1.1	1.575	40	0.721	18.3	0.709	18	1.890	48	0.331	0.15	*	*	KSR 16 LO 08 10 18 22
0.051	1.3	1.575	40	0.721	18.3	0.472	12			0.463	0.21	*	*	KSR 16 LO 10 10 14 08
0.051	1.3	1.575	40	0.721	18.3	0.713	18.1	1.890	48	0.463	0.21	*	*	KSR 16 LO 10 10 14 22
0.051	1.3	1.575	40	0.721	18.3	0.472	12			0.706	0.32	*	*	KSR 16 LO 10 10 17 08
0.051	1.3	1.575	40	0.721	18.3	0.472	12			0.706	0.32	*	*	KSR 16 LO 10 10 17 09
0.051	1.3	1.575	40	0.721	18.3	0.709	18	1.890	48	0.573	0.26	*	*	KSR 16 LO 10 10 17 22
0.059	1.5	1.575	40	0.721	18.3	0.472	12			0.728	0.33	*	*	KSR 16 LO 12 10 13 08
0.059	1.5	1.575	40	0.721	18.3	0.709	18	1.890	48	0.595	0.27	*	*	KSR 16 LO 12 10 13 22
0.059	1.5	1.575	40	0.721	18.3	0.472	12			0.926	0.42	*	*	KSR 16 LO 12 10 15 08
0.059	1.5	1.575	40	0.721	18.3	0.472	12			0.926	0.42	*	*	KSR 16 LO 12 10 15 09
0.059	1.5	1.575	40	0.721	18.3	0.709	18	1.890	48	0.794	0.36	*	*	KSR 16 LO 12 10 15 22
0.059	1.5	1.575	40	0.721	18.3	0.472	12			1.279	0.58	*	*	KSR 16 LO 12 10 17 15
0.059	1.5	1.575	40	0.721	18.3	0.472	12			1.896	0.86	*	*	KSR 16 LO 12 10 20 15
0.079	2	1.850	47	0.697	17.7	0.551	14			1.544	0.7	*	*	KSR 20 LO 16 10 12 15
0.079	2	1.850	47	0.697	17.7	0.551	14			1.544	0.7	*	*	KSR 20 LO 16 10 12 16
0.079	2	1.850	47	0.697	17.7	0.866	22	2.165	55	0.419	0.19	*	*	KSR 20 LO 16 10 12 22
0.098	2.5	2.047	52	0.827	21	0.591	15			1.764	0.8	*	*	KSR 25 LO 20 10 09 16
0.098	2.5	2.047	52	0.827	21	0.591	15			3.528	1.6	*	*	KSR 25 LO 20 10 13 15
0.039	1	3.150	80	0.709	18					2.205	1		*	KSR 40 KO 08 20 38 15
0.051	1.3	3.150	80	0.709	18					2.426	1.1		*	KSR 40 KO 10 20 30 15

Idler Pulleys

RSR SERIES

- Sheet steel construction for low weight
- Series A for V belts
- Series B for flat, round or wide V belts
- Series C and D for round belts, rope or steel cable



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.

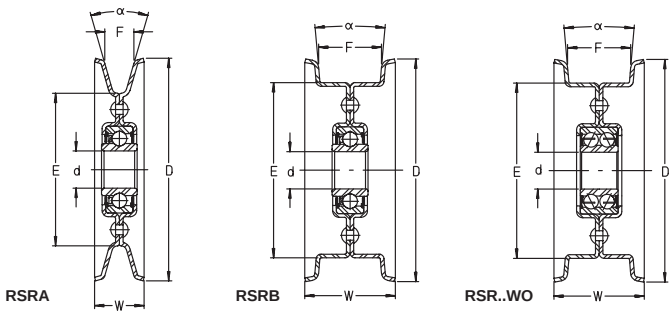
For engineering or technical information contact your local sales representative or call Distributor Sales

PART NUMBER	SHAFT d inch	SHAFT d mm	D inch	D mm	E inch	E mm	F inch	F mm	W inch	W mm	TYPE	ANGLE deg
RSR A 15 90 LO	0.591	15	3.543	90	2.425	61.6	0.488	12.4	0.787	20	A	32
RSR A 17 102 KO	0.669	17	4.015	102	2.787	70.8	0.5	12.7	0.866	22	A	34
RSR A 13 129 LO	0.512	13	5.078	129	2.901	73.7	0.87	22.1	1.252	31.8	A	32
RSR A 16 129 LO	0.630	16	5.078	129	2.901	73.7	0.87	22.1	1.252	31.8	A	32
RSR A 13 186 LO	0.512	13	7.322	186	5.149	130.8	0.87	22.1	1.252	31.8	A	32
RSR A 16 186 LO	0.630	16	7.322	186	5.149	130.8	0.87	22.1	1.252	31.8	A	32
RSR B 15 92 LO	0.591	15	3.622	92	3	76.2	0.874	22.2	1.22	31	B	10
RSR B 13 117 LO	0.512	13	4.606	117	3.976	101	1	25.4	1.417	36	B	10
RSR B 16 117 LO	0.630	16	4.606	117	3.976	101	1	25.4	1.417	36	B	10
RSR B 13 159 LO	0.512	13	6.259	159	5.5	139.7	1	25.4	1.437	36.5	B	10
RSR B 16 159 LO	0.630	16	6.259	159	5.5	139.7	1	25.4	1.437	36.5	B	10
RSR B 17 159 WO	0.669	17	6.259	159	5.5	139.7	1	25.4	1.437	36.5	B/WO	10
RSR B 13 222 LO	0.512	13	8.74	222	7.992	203	1.496	38	1.968	50	B	10
RSR B 16 222 LO	0.630	16	8.74	222	7.992	203	1.496	38	1.968	50	B	10
RSR B 17 222 WO	0.669	17	8.74	222	7.992	203	1.732	44	2.126	54	B/WO	10
RSR D 25 150 LO	0.984	25	6.063	154	5.236	133	0.669	17	0.944	24	D	—
RSR D 20 160 LO	0.787	20	6.133	155.8	5.374	136.5	0.531	13.5	0.689	17.5	D	—

Idler Pulleys

RSR SERIES

- Sheet steel construction for low weight
- Series A for V belts
- Series B for flat, round or wide V belts
- Series C and D for round belts, rope or steel cable



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales

WGT. lbs	WGT. kg	FOR V-BELT SIZE TO DIN2215 (ISO/R434, ISO/R60 (DIN7753, ISO/R460	DYN. CAP. C lbf	DYN. CAP. C N	STAT. CAP. C ₀ lbf	STAT. CAP. C ₀ N	REFERENCE BEARING	PART NUMBER
0.53	0.24	8,10, (12	1710	7600	830	3700	202 KRR	RSR A 15 90 LO
0.93	0.42	8,10, (12	2150	9600	1070	4750	6203 2 RS	RSR A 17 102 KO
1.24	0.56	13,17, 20, 22	2150	9600	1070	4750	203 KRRAH05	RSR A 13 129 LO
1.19	0.54	13,17, 20, 22	2150	9600	1070	4750	203 KRRAH02	RSR A 16 129 LO
2.49	1.13	13,17, 20, 22	2150	9600	1070	4750	203 KRRAH05	RSR A 13 186 LO
2.45	1.11	13,17, 20, 22	2150	9600	1070	4750	203 KRRAH02	RSR A 16 186 LO
0.68	0.31		1710	7600	830	3700	202 KRR	RSR B 15 92 LO
1.1	0.5		2150	9600	1070	4750	203 KRRAH05	RSR B 13 117 LO
1.06	0.48		2150	9600	1070	4750	203 KRRAH02	RSR B 16 117 LO
1.76	0.8		2150	9600	1070	4750	203 KRRAH05	RSR B 13 159 LO
1.72	0.78		2150	9600	1070	4750	203 KRRAH02	RSR B 16 159 LO
1.48	0.67		3350	14800	2040	9100	3203 2 RS	RSR B 17 159 WO
3.24	1.47		2150	9600	1070	4750	203 KRRAH05	RSR B 13 222 LO
3.2	1.45		2150	9600	1070	4750	203 KRRAH02	RSR B 16 222 LO
3.31	1.5		3350	14800	2040	9100	3203 2 RS	RSR B 17 222 WO
1.83	0.83		3150	14000	1760	7800	205 KRR	RSR D 25 150 LO
1.65	0.75		2900	12800	1480	6600	204 KRR	RSR D 20 160 LO

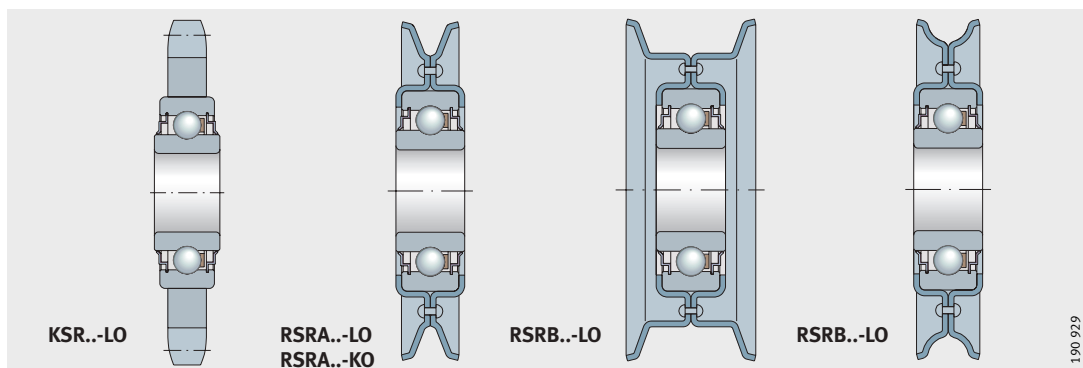
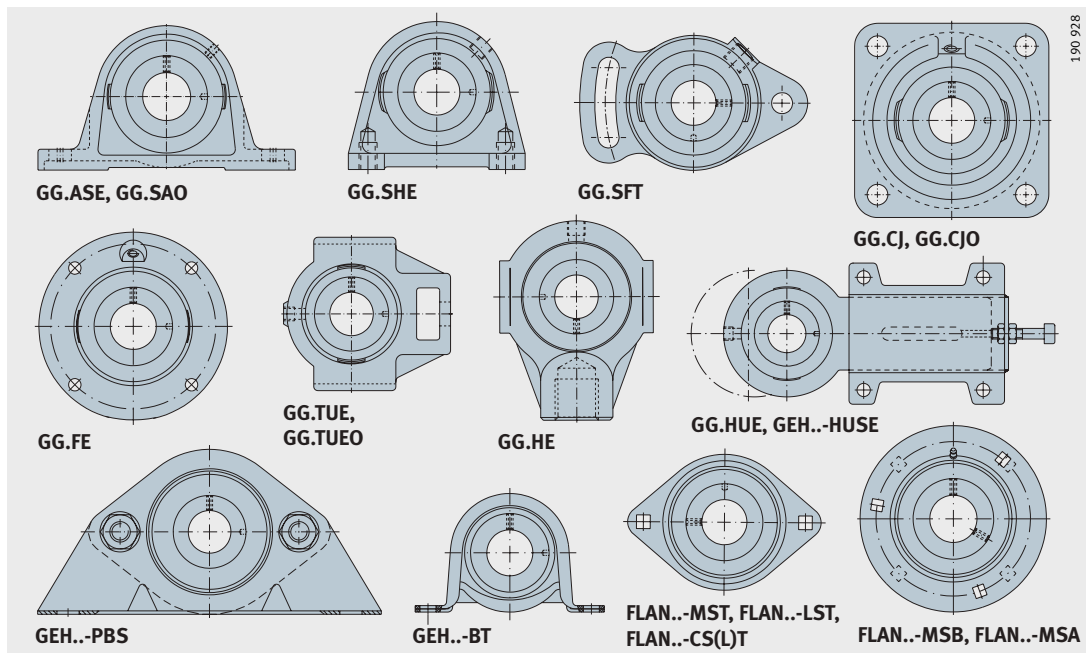
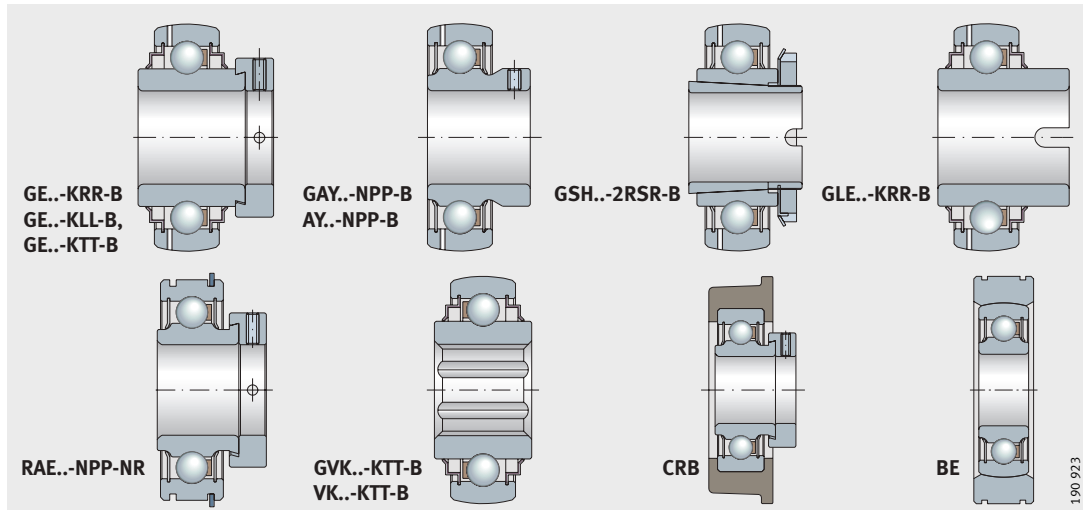


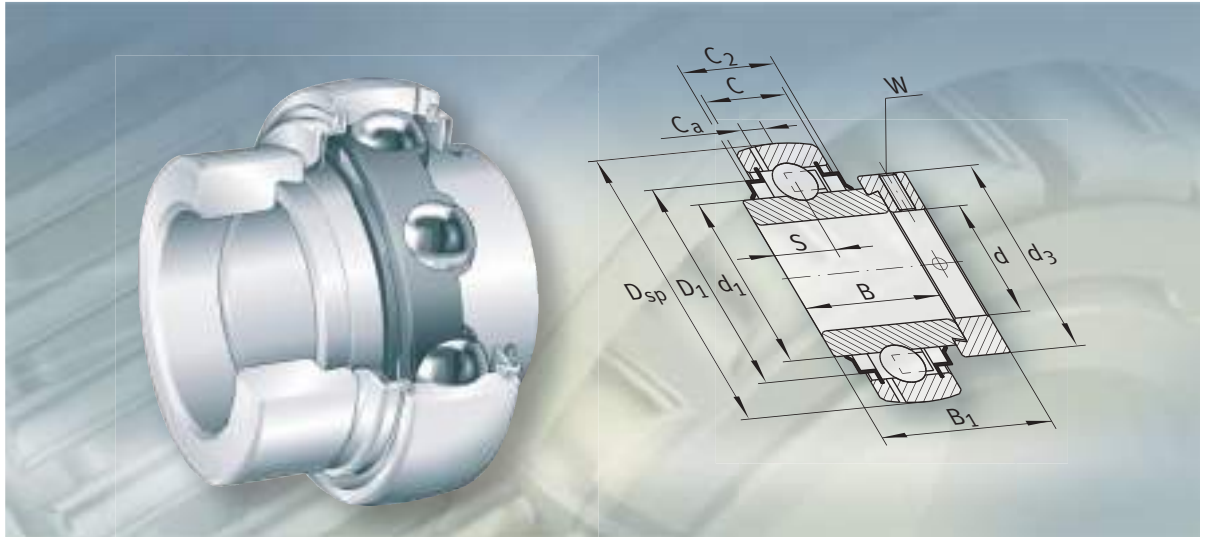


Radial insert ball bearings Housed bearing units



Product range – selection





Radial insert ball bearings

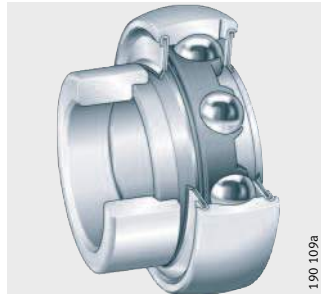
Product overview Radial insert ball bearings

With eccentric locking collar

Spherical outer ring

Features: see page 1037

**GRAE..-NPP-B, RAE..-NPP-B,
RALE..-NPP-B**



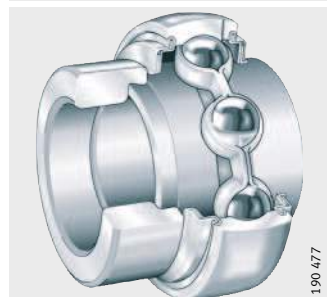
**GE..-KRR-B, GNE..-KRR-B,
E..-KRR-B, NE..-KRR-B**



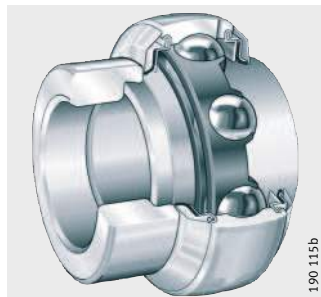
GE..-KTT-B



GE..-KLL-B



GE..-KRR-B-2C



With grub screws in inner ring

Spherical outer ring

Features: see page 1038

GAY..-NPP-B, AY..-NPP-B



GYE..-KRR-B



With integral adapter sleeve

Spherical outer ring

Features: see page 1039

GSH..-2RSR-B



With drive slot

Spherical outer ring

Features: see page 1040

GLE..-KRR-B



**Self-aligning
deep groove ball bearings**

Spherical outer ring
With fit

Features: see page 1041

2..-NPP-B



Spherical outer ring
With square or hexagonal bore

Features: see page 1041

GVK..-KTT-B, VK..-KTT-B



SK..-KRR-B



Product overview Radial insert ball bearings

Deep groove ball bearings with extended inner ring

Cylindrical outer ring

Features: see page 1042

2..-KRR, 2..-KRR-AH

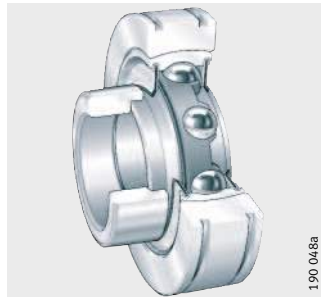


With steel aligning ring

Cylindrical outer ring

Features: see page 1043

PE



BE



With eccentric locking collar

Cylindrical outer ring

Features: see page 1037

RAE..-NPP, RALE..-NPP



With eccentric locking collar

Cylindrical outer ring

Two snap rings on outer ring

Features: see page 1043

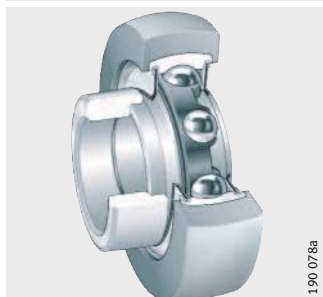
RAE..-NPP-NR



With rubber interliner

Features: see page 1044

RABRA, RABRB



190 078a

RCRA, RCRB



190 079a

CRB



190 076b

RCSMA, RCSMB



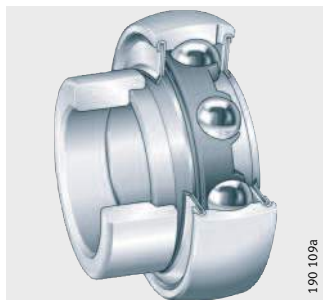
190 077a

Inch size radial insert ball bearings

Spherical or cylindrical outer ring

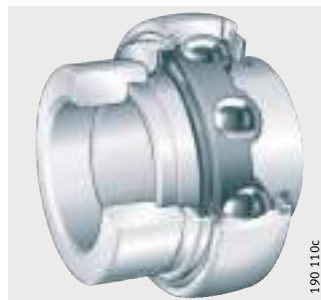
Features: see page 1037
and page 1038

**GRA...NPP-B-AS2/V,
RA...NPP-B**



190 109a

G...KRR-B-AS2/V



190 110c

GY...KRR-B-AS2/V



190 114d

RA...NPP, RAL...NPP



190 105b



Radial insert ball bearings

Features Radial insert ball bearings are single row, ready-to-fit units comprising a solid outer ring, an inner ring extended on one or both sides, cages made from plastic or sheet steel and seals of type P, R, L or T. Bearings with an inner ring extended on both sides undergo less tilting of the inner ring and therefore run more smoothly.

The outer ring has a spherical or cylindrical outside surface. In combination with an INA housing matched to the design, bearings with a spherical outer ring can compensate for misalignment of the shaft; see Compensation of misalignments, page 1048.

With only a few exceptions, radial insert ball bearings can be relubricated. For this purpose, they have two lubrication holes in the outer ring offset by 180°.

Radial insert ball bearings are particularly easy to fit and are suitable for drawn shafts of grade h6 to h9. They are located on the shaft by means of eccentric locking collars, grub screws in the inner ring, adapter sleeves, drive slots or fit.

Caution! The features of the series are presented in detail in the product overview on pages 1046 and 1047. Please take these into consideration.

Inch size designs Some series with eccentric locking collar or grub screws in the inner ring are also available with inch size bore dimensions, see dimension tables, page 1068 to page 1070.

Corrosion-resistant radial insert ball bearings For corrosion-resistant bearing arrangements and for applications in the food and drink industry, bearings are available with Corrotect® plating and the suffix FA125 as well as in the VA design using corrosion-resistant materials.

Corrotect® plating The special INA plating Corrotect® is an economical alternative to traditional forms of corrosion protection for radial insert ball bearings. The thickness of the plating is between 0,5 µm and 3 µm.

Advantages of the Corrotect® plating

- All-round rust protection including machined surfaces on chamfers and radii
- Long-term prevention of rust penetration beneath seals
- Small bright spots are protected against corrosion by the cathodic protection mechanism
- Anti-corrosion protection allows a significantly longer operating life compared to unplated parts
- Unplated bearings and housings are fully interchangeable with the plated versions of the same design
- Bearings and housings made from corrosion-resistant rolling bearing steel are often no longer required.

In radial insert ball bearings of variant VA, the bearing rings and rolling elements are made from corrosion-resistant, high alloy rolling bearing steel with an increased chromium and molybdenum content.

Corrosion-resistant radial insert ball bearings are suitable where moisture, contaminated water, salt spray mist or weakly alkaline and weakly acidic cleaning agents are present.

For information on Corrotect® see also section Anti-corrosion protection, page 104.

**Radial insert ball bearings
for high and low temperatures**

At high temperatures, rolling bearings undergo an increase in volume that can be attributed to a change in the material micro-structure. Furthermore – depending on the location of the heat source – there can be a significant temperature difference between the inner and outer ring.

The radial insert ball bearings have cages made from metal or a high temperature plastic, increased radial internal clearance, lubricants with improved thermal resistance and special seals.

These bearings have the suffix FA164 or FA101. Series GLE...KRR-B and GE...KLL-B also have an extended temperature range.

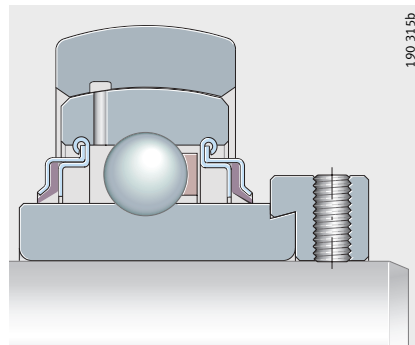
**Radial insert ball bearings
with eccentric locking collar**

These “classic” INA radial insert ball bearings are located on the shaft by means of a locking collar, *Figure 1*. They are particularly suitable for bearing arrangements with a constant direction of rotation or, under low speed and load, for an alternating direction of rotation.

The locking collar is preferably tightened in the direction of rotation and secured by means of a grub screw. This location method prevents damage to the shaft and can be easily loosened again.

GE...KRR-B

Figure 1
Location using
eccentric locking collar



Sealing/lubrication

The radial insert ball bearings are fitted with P, R, L or T type seals and, with the exception of a few series, can be relubricated. In series GE...KRR-B-2C, the R seals are fitted with Corrotect® plated flinger shields to protect against mechanical damage.



**Corrosion-resistant
radial insert ball bearings**

Several series are also available in a corrosion-resistant design. These bearings have the suffix FA125.

Inner rings up to d = 60 mm, as well as locking collars in general, are plated with Corrotect® and are thus protected against fretting corrosion; the exception is series RALE...NPP(-B).

**Radial insert ball bearings
for high and low temperatures**

Bearings for high and low temperatures have the suffix FA164 or FA101.

Cylindrical outer ring

In addition to the bearings with a spherical outer ring, there are also the following series with a cylindrical outer ring: RAE...NPP, RALE...NPP, E...KRR and E...KLL.

Inch size designs

The series GRA...NPP-B-AS2/V, RA...NPP-B, G...KRR-B-AS2/V, RA...NPP, RAL...NPP have inch size bore dimensions, see dimension tables, page 1068 to page 1070.

Radial insert ball bearings

Radial insert ball bearings with grub screws in the inner ring

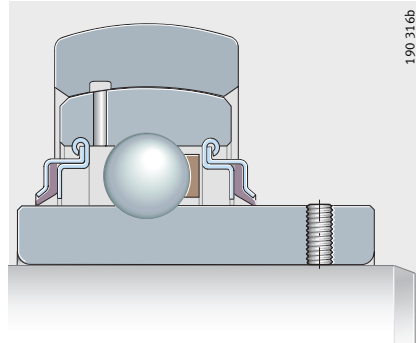
In these insert bearings, the inner ring is located on the shaft, *Figure 2* by means of two grub screws offset by 120°. This location method is suitable for bearing arrangements with a constant direction of rotation or, under low speed and load, for an alternating direction of rotation.

The grub screws are self-retaining and have a fine pitch thread with cup point for secure location of the bearings.

GYE...KRR-B

Figure 2

Location using grub screws
in the inner ring



Sealing/lubrication

The radial insert ball bearings are fitted with P or R type seals and, with the exception of one series, can be relubricated.

Corrosion-resistant radial insert ball bearings

These bearings have the suffix VA. The VA design is sealed on both sides with RSR seals and has additional flinger shields made from corrosion-resistant steel.

Radial insert ball bearings for high and low temperatures

Some radial insert ball bearings are also available for higher temperatures. These bearings have the suffix FA164.

Inch size designs

Series GY...KRR-B-AS2/V has an inch size bore, see dimension tables, page 1068 to page 1070.

Radial insert ball bearings with integral adapter sleeve

In this series, the inner ring is located on the shaft by an adapter sleeve with a locknut and a tab washer, *Figure 3*.

The adapter sleeve and locknut give concentric, force locking location of the bearing inner ring on the shaft.

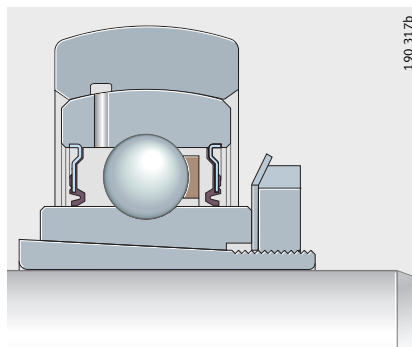
As a result, the speeds that can be achieved are the same as with deep groove ball bearings. These bearings also give quieter running than normal radial insert ball bearings. The adapter sleeve, locknut and tab washer are all zinc plated.

Due to the integral adapter sleeve, the bearings have the same radial dimensions and basic load ratings as radial insert ball bearings with an eccentric locking collar or with grub screws in the inner ring and are interchangeable with these bearings.

GSH...-2RSR-B

Figure 3

Location using adapter sleeve and locknut



Sealing/lubrication

The bearings are sealed with RSR seals and can be lubricated.



Radial insert ball bearings

Radial insert ball bearings with drive slot

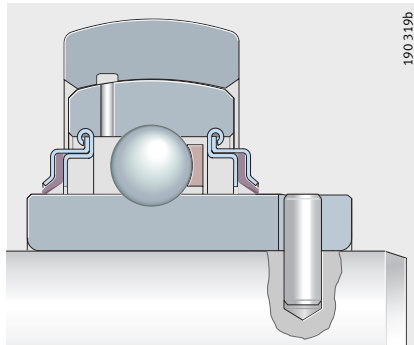
Radial insert ball bearings with a drive slot in the inner ring are non-locating bearings with good high temperature characteristics, *Figure 4*. Non-locating bearings are used at low speeds and loads to compensate for thermal elongation of the shaft.

Due to the slot, they are easy to locate in a radial direction. Rotation is prevented by a drive pin on the shaft or a set collar with a pin. The non-locating bearings are suitable for drawn shafts up to grade h7.

GLE..-KRR-B

Figure 4

Location using drive slot



Anti-corrosion protection

Up to a bore diameter of 60 mm, the inner ring is plated with Corrotect® and is thus protected against fretting corrosion.

Sealing/lubrication

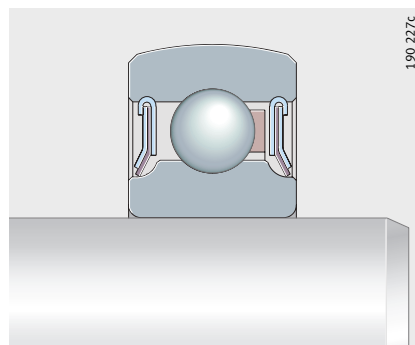
The bearings have R type seals with Teflon seal lips and can be lubricated.

Self-aligning deep groove ball bearings

Self-aligning deep groove ball bearings are available with a cylindrical bore for a fit seat, *Figure 5* or with a reamed square or hexagonal bore, *Figure 6*.

With fit

Bearings with a fit seat on the shaft allow speeds equivalent to those of standard ball bearings, are suitable for bearing arrangements with an alternating direction of rotation and offer smooth running.



2...-NPP-B

Figure 5
Self-aligning deep groove ball bearings

Seals

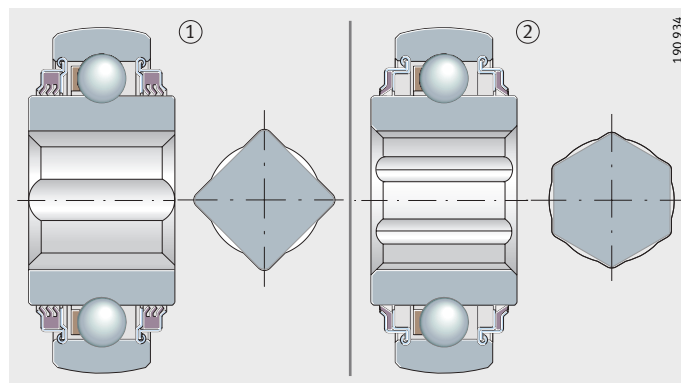
The bearings are sealed on both sides using P type seals with a vulcanised seal lip or three-piece designs.

Caution!

For self-aligning deep groove ball bearings with a fit seat, the fit data for ball bearings apply.

With square or hexagonal bore

Bearings with a profiled bore are used where shafts must transmit very high torques and this is only possible using square or hexagonal shafts, *Figure 6*. Rotation is prevented by the geometrical locking effect.



VK...-KTT-B
SK...-KRR-B

Figure 6
① Square bore
② Hexagonal bore

Anti-corrosion protection

The bearings are plated with Corrotect®.

Sealing/lubrication

Self-aligning deep groove ball bearings are sealed using R or T type seals. The bearings are greased to their maximum, some designs can be relubricated.

Radial insert ball bearings

Deep groove ball bearings with extended inner ring

These bearings have a cylindrical outer ring and are fitted in cylindrical bores, *Figure 7*. The inner ring is extended on both sides and is located on the shaft using a location fit. Due to the extended inner ring, additional axial spacer rings are not required.

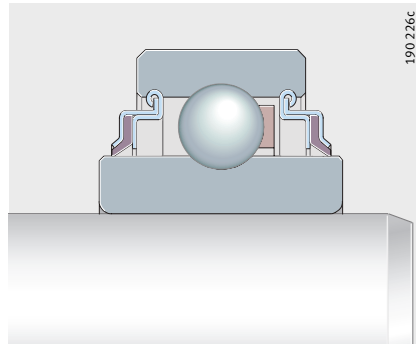
The concentric seat allows speeds equivalent to those of standard ball bearings, while the load can be either constant or alternating. Smooth running is also achieved.

The inner ring bore tolerance corresponds to tolerance class PN in accordance with DIN 620.

2...-KRR
2...-KRR-AH

Figure 7

Deep groove ball bearings with extended inner ring



Sealing/lubrication

The bearings are sealed on both sides using R type seals. The sheet steel washers extended outwards and angled downwards form a large grease reservoir.

Radial insert ball bearings with steel aligning ring

These bearings are based on radial insert ball bearings with an eccentric locking collar or on self-aligning deep groove ball bearings, but additionally have an axially split outer ring as an aligning ring, *Figure 8*. They are mounted in cylindrical bores and can compensate for static misalignment of the shaft up to $\pm 5^\circ$.

Due to the annular slots in the outer ring, they are highly suitable for sheet metal constructions. In this case, they are axially located using snap rings to DIN 5 417.

In series PE, the inner ring is located on the shaft using a locking collar, in series BE by a location fit.

PE

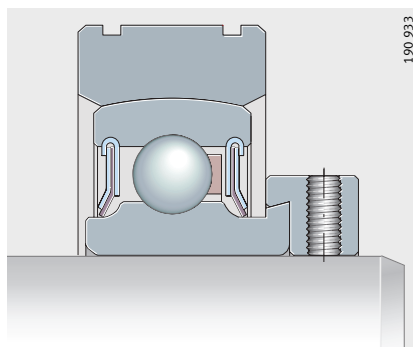


Figure 8

Radial insert ball bearings with steel aligning ring

Anti-corrosion protection

The aligning ring is plated with Corrotect® and is thus protected against fretting corrosion. In series PE, the inner ring and locking collar are also plated.

Sealing/lubrication

The bearings are sealed on both sides using P type seals. Radial insert ball bearings with an aligning ring cannot be relubricated.

Caution!

The fit tolerances of the aligning rings are those of the deep groove ball bearings. Select the fit for the shaft and housing such that the outer ring of the insert bearing can undergo self-alignment.

Radial insert ball bearings with eccentric locking collar, cylindrical outer ring and slots in outer ring

The basic design of series RAE...NPP-NR is a radial insert ball bearing with an eccentric locking collar and an inner ring extended on one side, *Figure 9*. The outer ring has a cylindrical outside surface and two slots to DIN 616. The bearings are fitted in cylindrical bores and axially located by easy-to-fit snap rings. The bearing is supplied with one snap ring to DIN 5 417 already fitted.

Sealing/lubrication

The bearings are sealed on both sides using P type seals. The insert bearings are greased and cannot be relubricated.

RAE...NPP-NR

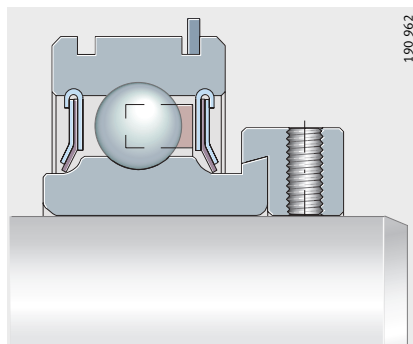


Figure 9

Radial insert ball bearings with cylindrical outer ring and two slots in outer ring



Radial insert ball bearings

Radial insert ball bearings with rubber interliner

These radial insert ball bearings are located on the shaft using an eccentric locking collar. The outer ring is encased in a thick-walled NBR interliner, *Figure 10*.

The interliner absorbs vibrations and shocks and thus gives damping of running noises.

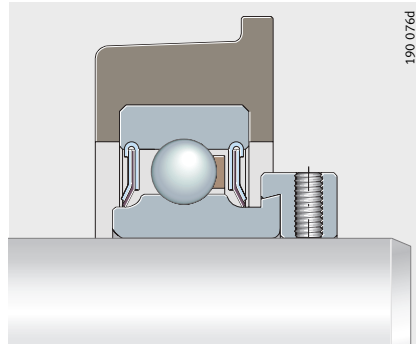
The interliners have a spherical or cylindrical outside surface.

For roll bearing arrangements, one series has a locating shoulder on the rubber ring.

CRB

Figure 10

Radial insert ball bearings with rubber interliner



Anti-corrosion protection

The inner ring and locking collar are plated with Corrotect® and are thus protected against fretting corrosion; this excludes insert bearing series RALE..-NPP(-B).

Sealing/lubrication

The radial insert ball bearings are sealed on both sides using P type seals. Bearings with rubber interliners cannot be lubricated.

Caution!

Note the tube and housing diameters for radial insert ball bearings with rubber interliner:

■ CRB, tube inside diameter D –0,6 to 1,6

■ RABR, RCR, RCSM, housing diameter D –0,25 to 0,35.

Suffixes

Suffixes for the available radial insert ball bearing designs: see table.

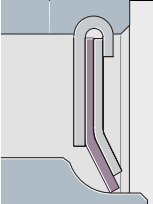
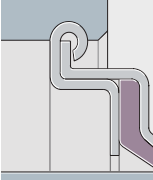
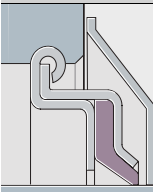
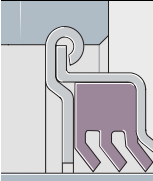
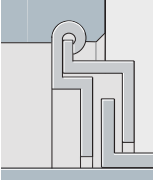
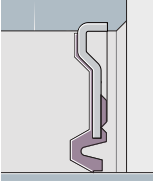
Available designs

Suffix	Description
AS2/V	Bearing outer ring with 2 lubrication holes in offset planes
B	Bearing with spherical outer ring
2C	Flinger shields on both sides
FA101	High/low temperature design –40 °C to +150 °C
FA106	Bearing subjected to special noise testing
FA107	Bearing with lubrication holes on the locating side
FA125	With Corrotect® plating, protected against corrosion
FA164	High temperature design up to +250 °C
KRR	Lip seals on both sides (R type seal)
KLL	Labyrinth seals on both sides (L type seal)
KTT	Triple lip seals on both sides (T type seal)
NR	Slot and snap ring for insert bearings with cylindrical outer ring
NPP	Lip seals on both sides (P type seal)
OSE	Bearing without locating element (e.g. eccentric locking collar)
2RSR	Lip seals on both sides (vulcanised)
VA	Corrosion-resistant design made from high alloy rolling bearing steel

Seals

Seals for radial insert ball bearings are of a three-piece design. This concept offers, due to the rigidly rolled-in sheet steel washer, optimum seating in the bearing as well as concentric alignment of the seal lip to the inner ring.

Seal types

P seal		
	190 308a	Two zinc-plated sheet steel washers with intermediate NBR part, seal lip axially preloaded. In order to protect the seal lip from mechanical damage, the outer sheet steel washer extends a considerable distance down towards the bearing inner ring. Used in narrow radial insert ball bearings with inner ring extended on one side.
R seal		
	190 309b	Two zinc-plated sheet steel washers extended outwards and angled downwards with intermediate NBR part and radially preloaded seal lip. Better protection against mechanical damage. Substantial grease reservoir due to the space between the extended and angled sheet steel washers. Used in radial insert ball bearings with inner ring extended on both sides.
R seal with C shield		
	190 318a	As R seal, but with outer flinger shield with anti-corrosion protection. Additional sealing action without restriction on speed and with additional protection against mechanical damage.
T seal		
	190 310c	Two zinc-plated sheet steel washers with intermediate NBR part and three radially preloaded seal lips for heavily contaminated conditions. For better protection of the seal lip against mechanical damage, the outer sheet steel washer is angled outwards. Lower speeds due to higher friction.
L seal (labyrinth seal)		
	190 311b	Two zinc-plated sheet steel washers extended outwards in the outer ring with an intermediate sheet steel L-section ring pressed onto the inner ring. Substantial grease reservoir due to the space between the extended and angled sheet steel washers. Used in radial insert ball bearings with inner ring extended on both sides. For increased temperatures and lower friction.
RSR seal		
	190 314d	Single-piece, zinc-plated sheet steel washer with moulded, radially preloaded NBR seal lip. Used in radial insert ball bearings with integral adapter sleeve.



Radial insert ball bearings

Features of
radial insert ball bearings –
comparison of series

Series	For shaft diameters from ... to ...	Compensation of misalignment	Internal clearance
GRAE...-NPP-B	12 mm – 60 mm	yes	C3
GRAE...-NPP-B-FA125.5	20 mm – 60 mm		
GRA...-NPP-B-AS2/V	$\frac{5}{8}$ inch – $1\frac{3}{4}$ inch		
RAE...-NPP-B	12 mm – 50 mm		
RA...-NPP-B	$\frac{3}{4}$ inch – $1\frac{1}{2}$ inch		
RALE...-NPP-B	20 mm – 30 mm		
GE...-KRR-B	17 mm – 120 mm		
GE...-KRR-B-FA125.5	20 mm – 50 mm		
GE...-KRR-B-FA164	17 mm – 90 mm		C5
GE...-KRR-B-FA101	20 mm – 120 mm		C4
G1...-KRR-B-AS2/V	$1\frac{5}{16}$ inch – $2\frac{15}{16}$ inch		C3
GE...-KRR-B-2C	25 mm – 40 mm		
E...-KRR-B	25 mm – 40 mm		
GNE...-KRR-B	30 mm – 100 mm		
GE...-KTT-B	20 mm – 80 mm		
GE...-KLL-B	20 mm – 50 mm	yes	C5
GYE...-KRR-B	12 mm – 90 mm		C3
GY1...-KRR-B-AS2/V	$\frac{3}{4}$ inch – 2 inch		
GYE...-KRR-B-VA	12 mm – 40 mm		
GAY...-NPP-B	12 mm – 60 mm		
GAY...-NPP-B-FA164	12 mm, 15 mm		C5
AY...-NPP-B	12 mm – 30 mm		C3
GSH...-2RSR-B	20 mm – 50 mm	yes	C4
GLE...-KRR-B	20 mm – 70 mm	yes	C4
2...-NPP-B	12 mm – 50 mm	yes	CN
GVK...-KTT-B	25,4 mm – 40,5 mm	yes	C3
VK...-KTT-B	25,4 mm		
SK...-KRR-B	17 mm – 31,8 mm	yes	C3
RABRA	30 mm	yes	C3
RABRB	12 mm – 50 mm		
PE	20 mm – 40 mm		
BE	20 mm – 40 mm	yes	CN
RAE...-NPP	12 mm – 60 mm	no	C3
RA...-NPP	$\frac{5}{8}$ inch – $1\frac{1}{2}$ inch		
RALE...-NPP	20 mm – 30 mm		
RAL...-NPP	$\frac{3}{4}$ inch		
RAE...-NPP-NR	20 mm – 40 mm		
E...-KRR	20 mm – 70 mm		
E...-KLL	20 mm – 50 mm		
RCRA	20 mm		
RCRB	25 mm		
CRB	20 mm – 35 mm		
RCSMA	30 mm		
RCSMB	15 mm – 25 mm		
2...-KRR(-AH)	13 mm – 60 mm	no	CN

Location	Sealing	Cage material	Greasing ¹⁾	Relubrication facility	Temperature ²⁾ °C	Comments	Dimension table			
Eccentric locking collar	P	PA66	GA13	yes	−20 to +120		1052			
			GA47			With anti-corrosion protection	1052			
			GA13	no			1068			
							1052			
							1068			
						Light series	1052			
			R	Steel		GA47	yes		1052	
								With anti-corrosion protection	1052	
								+150 to +250	Teflon® seal lip	1052
								−40 to +150	Teflon® seal lip	1052
	−20 to +120				1068					
		Flinger shields			1052					
	T	PAES	LO14	no	−20 to +120		1052			
						Heavy series	1054			
							1052			
							1052			
L	Steel	LO86		−40 to +180		1052				
Grub screws	R	PA66	GA13	yes	−20 to +120		1060			
							1068			
	RSR	VA steel		With anti-corrosion protection, flinger shields	1060					
	P	PA66			1060					
		Steel	GA11	+150 to +250	Teflon® seal lip	1060				
		PA66	GA13	no	−20 to +120		1060			
Adapter sleeve	RSR	PA66	GA13	yes	−20 to +120		1064			
Drive slot	R	PAES	LO14	yes	−40 to +150	Teflon® seal lip	1065			
Fit	P	PA66	GA13	no	−20 to +120		1078			
Square bore	T	PA66	GA13	yes	−20 to +120	With anti-corrosion protection, with maximum grease filling	1076			
				no			1076			
Hexagonal bore	R	PA66	GA13	no	−20 to +120	With anti-corrosion protection, with maximum grease filling	1076			
Eccentric locking collar	P	PA66	GA13	no	−20 to +85	Light series	1072			
							1072			
					−20 to +120	Annular slots in aligning ring	1074			
Fit	P	PA66	GA13	no	−20 to +120	Annular slots in aligning ring	1074			
Eccentric locking collar	P	PA66	GA13	no	−20 to +120		1066			
							1068			
							1066			
							1068			
						Two slots, one snap ring	1066			
							1066			
	R						1066			
	L						1066			
	P				−20 to +85	Light series, lead chamfer	1072			
						Lead chamfer	1072			
						Abutment shoulder	1072			
						Light series	1072			
						1072				
Fit	R	PA66	GA13	no	−20 to +120		1075			

¹⁾ Precise information on greasing is given in the section Lubrication.

²⁾ **Caution! Recommended temperature. Regular relubrication if > +100 °C.**



Radial insert ball bearings

Design and safety guidelines Compensation of misalignments

Bearings with a spherical outer ring, fitted in housings with a concave bore, can compensate for static misalignment of the shaft, *Figure 11*:

- if relubrication is used, up to $\pm 2,5^\circ$
- if relubrication is not used, up to $\pm 5^\circ$.

Caution! The units must not be used to support swivelling or tumbling motion.

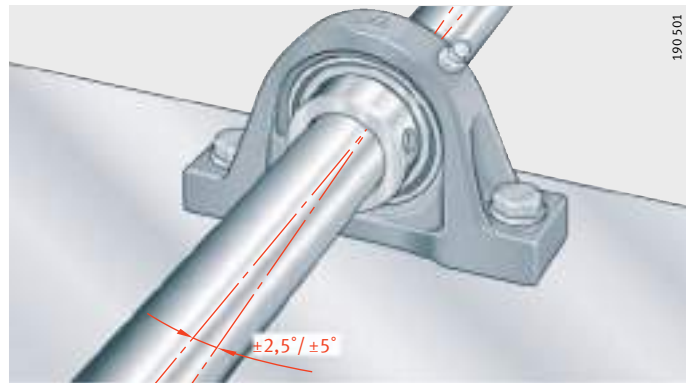


Figure 11
Compensation of static shaft misalignment

Axial load carrying capacity of radial insert ball bearings

The axial load carrying capacity F_a of radial insert ball bearings depends essentially on how they are located on the shaft. The load carrying capacity of the locating method is shown in *Figure 12*.

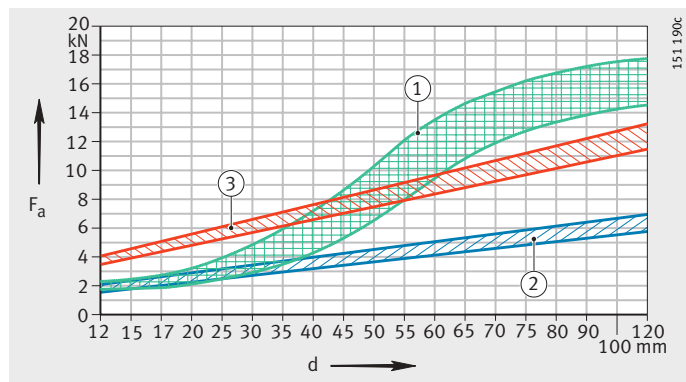
The precondition for this is that:

- the shaft design complies with the data in *Figure 12*
- the bearings are located using the specified tightening torque M_A .

Caution! For very high axial loads, the forces should be directed through a shoulder on the shaft. Maximum permissible axial load on the bearing: please contact us.

- ① Locking collar and adapter sleeve
- ② Grub screw/hard, ground shafts
- ③ Grub screw/soft shaft
- d = bearing bore diameter
- F_a = axial load carrying capacity of bearing

Figure 12
Axial load carrying capacity of locating method



Speed limits for radial insert ball bearings – guide values

The speed limits are dependent on the load, the clearance between the bearing bore and shaft and the friction of the seals in bearings with contact seals.

Figure 13 gives guide values for the permissible speeds.

For load ratios $C_r/P > 13$, the speeds can be increased.

For these applications, please contact us.

For $C_r/P < 5$, location by means of a location fit is recommended.

Example of permissible speed calculation

Given:

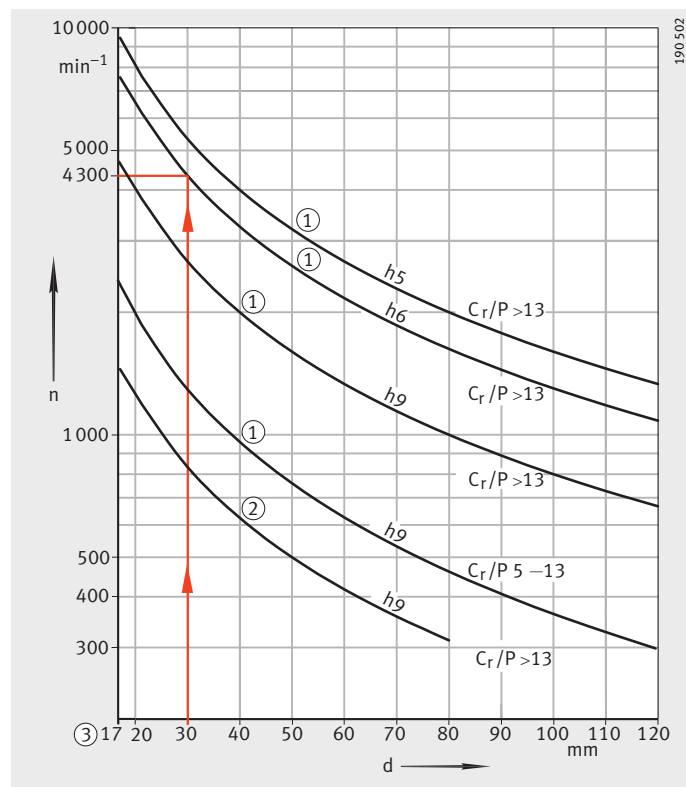
■ Shaft tolerance	h6
■ Radial insert ball bearing	GRAE30-NPP-B
■ Basic dynamic load rating C_r	19 500 N
■ Load P	1300 N
■ Seals	P seals.

Required:

■ Load ratio	$C_r/P = 19\,500\text{ N}/1300\text{ N}$	$C_r/P > 13$
■ Permissible speed		$n \approx 4\,300\text{ min}^{-1}$, Figure 13.

- ① For insert bearings with L, P, R seals
- ② For insert bearings with T seals
- ③ Ball set identical for $d = 12\text{ mm}, 15\text{ mm}, 17\text{ mm}$
 d = bearing bore diameter
 n = permissible speed

Figure 13
Permissible speeds
of radial insert ball bearings



Shaft tolerances for radial insert ball bearings – recommendations

The permissible shaft tolerance is dependent on the speed and load. Tolerances from h6 to h9 are possible.

Conventional drawn shafts will suffice for most applications.

Radial insert ball bearings

Accuracy Standard tolerances of radial insert ball bearings

The outside diameter of the bearings corresponds to tolerance class PN in accordance with DIN 620-2. The inner ring bore has a plus tolerance to facilitate mounting of the bearing.

Standard tolerances for the bearings are shown in the table.

Tolerances of radial insert ball bearings

Inner ring				Outer ring			
Nominal dimension d mm		Bore ¹⁾ μm		Nominal dimension D mm		Outside diameter ²⁾ μm	
over	incl.	min.	max.	over	incl.	max.	min.
12	18	0	+18	30	50	0	-11
18	24	0	+18	50	80	0	-13
24	30	0	+18	80	120	0	-15
30	40	0	+18	120	150	0	-18
40	50	0	+18	150	180	0	-25
50	60	0	+18	180	250	0	-30
60	90	0	+25	–	–	–	–
90	120	0	+30	–	–	–	–

¹⁾ This corresponds to the arithmetic mean value derived from the largest and smallest diameters (measured using a two-point measuring device).

²⁾ In the case of sealed bearings, the largest and smallest values of the outside diameter can deviate from the mean value by approximately 0,03 mm.

Radial internal clearance of radial insert ball bearings

The radial internal clearance is given in the table.

The radial internal clearance of most series is C3 and is thus larger than for normal deep groove ball bearings, see table.

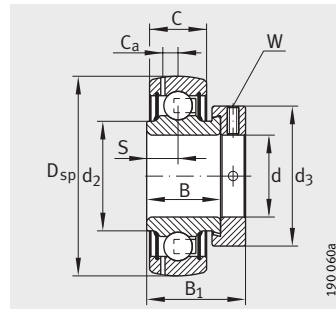
The larger internal clearance allows better support of angular misalignment and shaft deflection.

Radial internal clearance

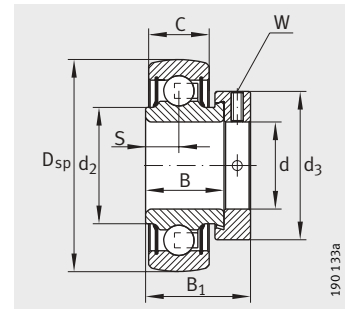
Bore		Radial internal clearance							
d mm		CN μm		C3 μm		C4 μm		C5 μm	
over	incl.	min.	max.	min.	max.	min.	max.	min.	max.
2,5	10	2	13	8	23	14	29	20	37
10	18	3	18	11	25	18	33	25	45
18	24	5	20	13	28	20	36	28	48
24	30	5	20	13	28	23	41	30	53
30	40	6	20	15	33	28	46	40	64
40	50	6	23	18	36	30	51	45	73
50	65	8	28	23	43	38	61	55	90
65	80	10	30	25	51	46	71	65	105
80	100	12	36	30	58	53	84	75	120
100	120	15	41	36	66	61	97	90	140
120	140	18	48	41	81	71	114	105	160
140	160	18	53	46	91	81	130	120	180

Radial insert ball bearings with eccentric locking collar

Spherical outer ring



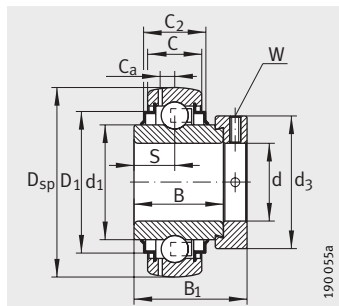
GRAE...-NPP-B



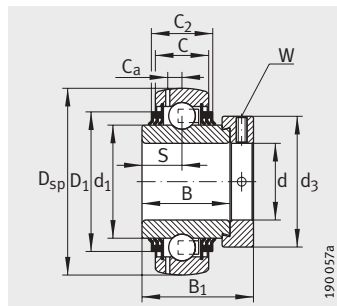
RAE...-NPP-B, RALE...-NPP-B

Dimension table · Dimensions in mm							
Designation ¹⁾	Mass m ≈ kg	Dimensions					
		d	D _{sp}	C	C ₂	B	S
GRAE12-NPP-B	0,12	12	40	12	—	19	6,5
RAE12-NPP-B	0,12	12	40	12	—	19	6,5
GRAE15-NPP-B	0,12	15	40	12	—	19	6,5
RAE15-NPP-B	0,12	15	40	12	—	19	6,5
GRAE17-NPP-B	0,12	17	40	12	—	19	6,5
RAE17-NPP-B	0,12	17	40	12	—	19	6,5
GE17-KRR-B	0,16	17	40	12	16,6	27,8	13,9
GE17-KRR-B-FA164	0,16	17	40	12	16,6	27,8	13,9
GRAE20-NPP-B	0,16	20	47	14	—	21,4	7,5
GRAE20-NPP-B-FA125.5	0,16	20	47	14	—	21,4	7,5
RAE20-NPP-B	0,16	20	47	14	—	21,4	7,5
RALE20-NPP-B	0,09	20	42	12	—	16,7	6
GE20-KRR-B	0,2	20	47	14	16,6	34,1	17,1
GE20-KRR-B-FA125.5	0,2	20	47	14	16,6	34,1	17,1
GE20-KRR-B-FA164	0,2	20	47	14	16,6	34,1	17,1
GE20-KTT-B	0,2	20	47	14	16,6	34,1	17,1
GE20-KLL-B	0,2	20	47	14	16,6	34,1	17,1
GRAE25-NPP-B	0,19	25	52	15	—	21,4	7,5
GRAE25-NPP-B-FA125.5	0,19	25	52	15	—	21,4	7,5
RAE25-NPP-B	0,19	25	52	15	—	21,4	7,5
RALE25-NPP-B	0,12	25	47	12	—	17,5	6
E25-KRR-B	0,25	25	52	15	16,7	34,9	17,5
GE25-KRR-B	0,25	25	52	15	16,7	34,9	17,5
GE25-KRR-B-FA125.5	0,25	25	52	15	16,7	34,9	17,5
GE25-KRR-B-FA164	0,25	25	52	15	16,7	34,9	17,5
GE25-KRR-B-FA101	0,25	25	52	15	16,7	34,9	17,5
GE25-KTT-B	0,25	25	52	15	20,2	34,9	17,5
GE25-KRR-B-2C	0,25	25	52	15	24,6	34,9	17,5
GE25-KLL-B	0,25	25	52	15	20,2	34,9	17,5

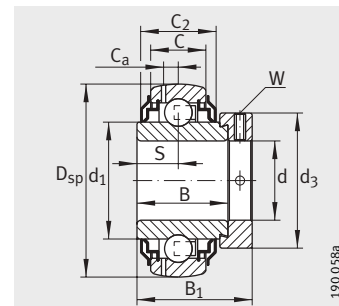
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.



GE..-KRR-B, E..-KRR-B, GE..-KLL-B



GE..-KTT-B



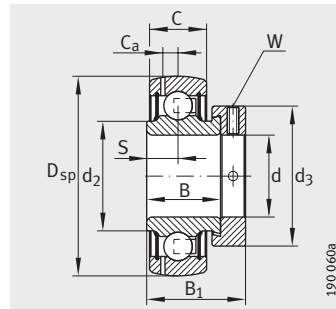
GE..-KRR-B-2C

							Basic load ratings	
d ₁	d ₂	D ₁	C _a	B ₁	d ₃ max.	W	dyn. C _r N	stat. C _{0r} N
–	23	–	3,4	28,6	28	3	9 800	4 750
–	23	–	–	28,6	28	3	9 800	4 750
–	23	–	3,4	28,6	28	3	9 800	4 750
–	23	–	–	28,6	28	3	9 800	4 750
–	23	–	3,4	28,6	28	3	9 800	4 750
–	23	–	–	28,6	28	3	9 800	4 750
23,9	–	31,6	3,4	37,4	28	3	9 800	4 750
23,9	–	31,6	3,4	37,4	28	3	9 800	4 750
–	26,9	–	4	31	33	3	12 800	6 600
–	26,9	–	4	31	33	3	12 800	6 600
–	26,9	–	–	31	33	3	12 800	6 600
–	25,4	–	–	24,5	30	2,5	9 400	5 000
27,6	–	37,4	4	43,7	33	3	12 800	6 600
27,6	–	37,4	4	43,7	33	3	12 800	6 600
27,6	–	37,4	4	43,7	33	3	12 800	6 600
27,6	–	37,4	4	43,7	33	3	12 800	6 600
27,6	–	37,4	4	43,7	33	3	12 800	6 600
–	30,5	–	3,9	31	37,5	3	14 000	7 800
–	30,5	–	3,9	31	37,5	3	14 000	7 800
–	30,5	–	–	31	37,5	3	14 000	7 800
–	30	–	–	25,5	36	2,5	10 100	5 900
33,8	–	42,5	–	44,5	37,5	3	14 000	7 800
33,8	–	42,5	3,9	44,5	37,5	3	14 000	7 800
33,8	–	42,5	3,9	44,5	37,5	3	14 000	7 800
33,8	–	42,5	3,9	44,5	37,5	3	14 000	7 800
33,8	–	42,5	3,9	44,5	37,5	3	14 000	7 800
33,8	–	42,5	3,9	44,5	37,5	3	14 000	7 800
33,8	–	–	3,9	44,5	37,5	3	14 000	7 800
33,8	–	42,5	3,9	44,5	37,5	3	14 000	7 800

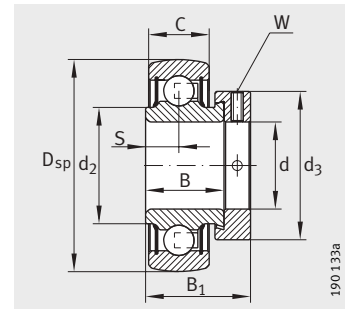


Radial insert ball bearings with eccentric locking collar

Spherical outer ring



GRAE...-NPP-B

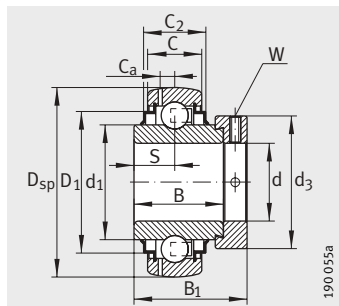


RAE...-NPP-B, RALE...-NPP-B

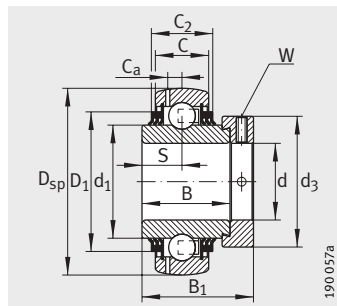
Dimension table (continued) · Dimensions in mm

Designation ¹⁾	Mass m ≈kg	Dimensions					
		d	D _{sp}	C	C ₂	B	S
GRAE30-NPP-B	0,31	30	62	18	—	23,8	9
GRAE30-NPP-B-FA125.5	0,31	30	62	18	—	23,8	9
RAE30-NPP-B	0,31	30	62	18	—	23,8	9
RALE30-NPP-B	0,17	30	55	13	—	18,5	6,5
E30-KRR-B	0,38	30	62	18	20,7	36,5	18,3
GE30-KRR-B	0,38	30	62	18	20,7	36,5	18,3
GE30-KRR-B-FA125.5	0,38	30	62	18	20,7	36,5	18,3
GE30-KRR-B-FA164	0,38	30	62	18	20,7	36,5	18,3
GE30-KRR-B-FA101	0,38	30	62	18	20,7	36,5	18,3
GNE30-KRR-B	0,54	30	72	20	24	36,6	17,5
GE30-KTT-B	0,38	30	62	18	20,7	36,5	18,3
GE30-KRR-B-2C	0,38	30	62	18	27,2	36,5	18,3
GE30-KLL-B	0,38	30	62	18	20,6	36,5	18,3
GRAE35-NPP-B	0,48	35	72	19	—	25,4	9,5
GRAE35-NPP-B-FA125.5	0,48	35	72	19	—	25,4	9,5
RAE35-NPP-B	0,48	35	72	19	—	25,4	9,5
E35-KRR-B	0,55	35	72	19	22,5	37,7	18,8
GE35-KRR-B	0,55	35	72	19	22,5	37,7	18,8
GE35-KRR-B-FA125.5	0,55	35	72	19	22,5	37,7	18,8
GE35-KRR-B-FA164	0,55	35	72	19	22,5	37,7	18,8
GNE35-KRR-B	0,73	35	80	22	25	38,1	18,3
GE35-KTT-B	0,55	35	72	19	22,5	37,7	18,8
GE35-KRR-B-2C	0,55	35	72	19	29,2	37,7	18,8
GE35-KLL-B	0,55	35	72	19	25,4	37,7	18,8

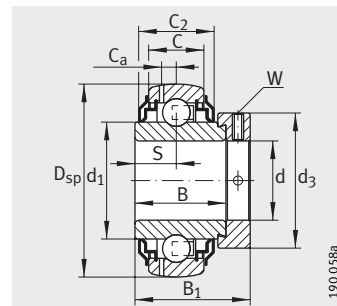
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.



GE..-KRR-B, GNE..-KRR-B,
E..-KRR-B, GE..-KLL-B



GE..-KTT-B



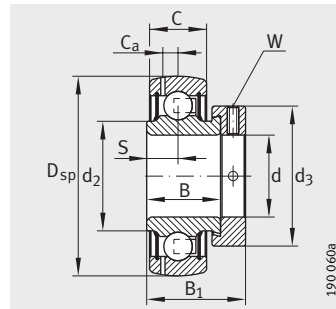
GE..-KRR-B-2C

							Basic load ratings	
d ₁	d ₂	D ₁	C _a	B ₁	d ₃ max.	W	dyn. C _r N	stat. C _{0r} N
–	37,4	–	4,7	35,8	44	4	19 500	11 300
–	37,4	–	4,7	35,8	44	4	19 500	11 300
–	37,4	–	–	35,8	44	4	19 500	11 300
–	35,7	–	–	26,5	42,5	2,5	13 200	8 300
40,2	–	52	–	48,5	44	4	19 500	11 300
40,2	–	52	4,7	48,5	44	4	19 500	11 300
40,2	–	52	4,7	48,5	44	4	19 500	11 300
40,2	–	52	4,7	48,5	44	4	19 500	11 300
40,2	–	52	4,7	48,5	44	4	19 500	11 300
44	–	60,2	6,2	50,2	51	5	29 500	16 700
40,2	–	52	4,7	48,5	44	4	19 500	11 300
40,2	–	–	4,7	48,5	44	4	19 500	11 300
40,2	–	52	4,7	48,5	44	4	19 500	11 300
–	44,6	–	5,6	39	51	5	25 500	15 300
–	44,6	–	5,6	39	51	5	25 500	15 300
–	44,6	–	–	39	51	5	25 500	15 300
46,8	–	60,3	–	51,3	51	5	25 500	15 300
46,8	–	60,3	5,6	51,3	51	5	25 500	15 300
46,8	–	60,3	5,6	51,3	51	5	25 500	15 300
46,8	–	60,3	5,6	51,3	51	5	25 500	15 300
48	–	66,6	6,9	51,6	55	5	36 500	20 900
46,8	–	60,3	5,6	51,3	51	5	25 500	15 300
46,8	–	–	5,6	51,3	51	5	25 500	15 300
46,8	–	60,3	5,6	51,3	51	5	25 500	15 300

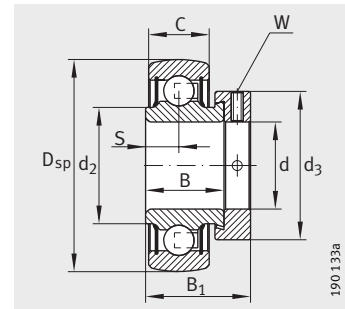


Radial insert ball bearings with eccentric locking collar

Spherical outer ring



GRAE...-NPP-B

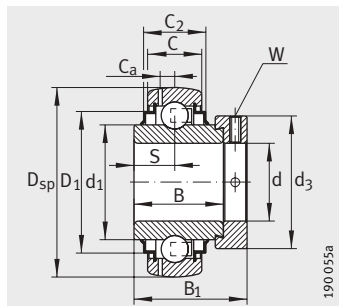


RAE...-NPP-B

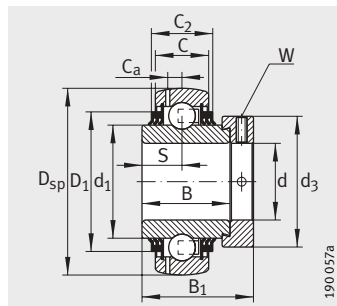
Dimension table (continued) - Dimensions in mm

Designation ¹⁾	Mass m ≈kg	Dimensions					
		d	D _{sp}	C	C ₂	B	S
GRAE40-NPP-B	0,62	40	80	21	—	30,2	11
GRAE40-NPP-B-FA125.5	0,62	40	80	21	—	30,2	11
RAE40-NPP-B	0,62	40	80	21	—	30,2	11
E40-KRR-B	0,74	40	80	21	23,5	42,9	21,4
GE40-KRR-B	0,74	40	80	21	23,5	42,9	21,4
GE40-KRR-B-FA125.5	0,74	40	80	21	23,5	42,9	21,4
GE40-KRR-B-FA164	0,74	40	80	21	23,5	42,9	21,4
GE40-KRR-B-FA101	0,74	40	80	21	23,5	42,9	21,4
GNE40-KRR-B	1,09	40	90	23	26	41	18
GE40-KTT-B	0,74	40	80	21	28,1	42,9	21,4
GE40-KRR-B-2C	0,74	40	80	21	31,9	42,9	21,4
GE40-KLL-B	0,74	40	80	21	28,1	42,9	21,4
GRAE45-NPP-B	0,69	45	85	22	—	30,2	11
GRAE45-NPP-B-FA125.5	0,69	45	85	22	—	30,2	11
GE45-KRR-B	0,81	45	85	22	26,4	42,9	21,4
GE45-KRR-B-FA125.5	0,81	45	85	22	26,4	42,9	21,4
GE45-KTT-B	0,86	45	85	22	26,4	42,9	21,4
GE45-KLL-B	0,81	45	85	22	26,4	42,9	21,4
GRAE50-NPP-B	0,77	50	90	22	—	30,2	11
GRAE50-NPP-B-FA125.5	0,77	50	90	22	—	30,2	11
RAE50-NPP-B	0,77	50	90	22	—	30,2	11
GE50-KRR-B	1	50	90	22	26,4	49,2	24,6
GE50-KRR-B-FA125.5	1	50	90	22	26,4	49,2	24,6
GE50-KRR-B-FA164	1	50	90	22	26,4	49,2	24,6
GE50-KRR-B-FA101	1	50	90	22	26,4	49,2	24,6
GNE50-KRR-B	1,87	50	110	29	31	49,2	24,6
GE50-KTT-B	1,06	50	90	22	26,4	49,2	24,6
GE50-KLL-B	1	50	90	22	26,4	49,2	24,6
GRAE55-NPP-B	0,81	55	100	25	—	32,5	12
GE55-KRR-B	1,42	55	100	25	29	55,5	27,8
GE55-KTT-B	1,42	55	100	25	29	55,5	27,8

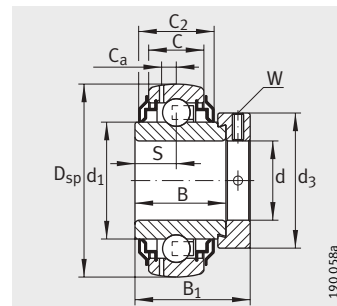
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.



GE..-KRR-B, GNE...-KRR-B,
E...-KRR-B, GE...-KLL-B



GE...-KTT-B



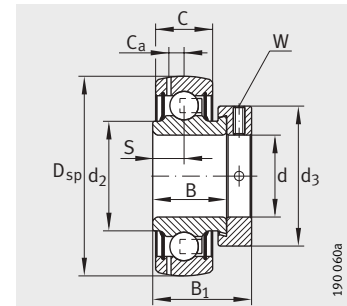
GE...-KRR-B-2C

							Basic load ratings	
d ₁	d ₂	D ₁	C _a	B ₁	d ₃ max.	W	dyn. C _r N	stat. C _{0r} N
–	49,4	–	6,4	43,8	58	5	32 500	19 800
–	49,4	–	6,4	43,8	58	5	32 500	19 800
–	49,4	–	–	43,8	58	5	32 500	19 800
52,3	–	68,3	–	56,5	58	5	32 500	19 800
52,3	–	68,3	6,4	56,5	58	5	32 500	19 800
52,3	–	68,3	6,4	56,5	58	5	32 500	19 800
52,3	–	68,3	6,4	56,5	58	5	32 500	19 800
52,3	–	68,3	6,4	56,5	58	5	32 500	19 800
53,8	–	74,5	7,5	54,6	63	5	44 500	26 000
52,3	–	68,3	6,4	56,5	58	5	32 500	19 800
52,3	–	–	6,4	56,5	58	5	32 500	19 800
52,3	–	68,3	6,4	56,5	58	5	32 500	19 800
–	54,3	–	6,4	43,8	63	5	32 500	20 400
–	54,3	–	6,4	43,8	63	5	32 500	20 400
57,9	–	72,3	6,4	56,5	63	5	32 500	20 400
57,9	–	72,3	6,4	56,5	63	5	32 500	20 400
57,9	–	72,3	6,4	56,5	63	5	32 500	20 400
57,9	–	72,3	6,4	56,5	63	5	32 500	20 400
–	59,4	–	6,9	43,8	69	5	35 000	23 200
–	59,4	–	6,9	43,8	69	5	35 000	23 200
–	59,4	–	–	43,8	69	5	35 000	23 200
62,8	–	77,3	6,9	62,8	69	5	35 000	23 200
62,8	–	77,3	6,9	62,8	69	5	35 000	23 200
62,8	–	77,3	6,9	62,8	69	5	35 000	23 200
62,8	–	77,3	6,9	62,8	69	5	35 000	23 200
68,8	–	92,7	8,7	66,5	75,8	5	62 000	38 000
62,8	–	77,3	6,9	62,8	69	5	35 000	23 200
62,8	–	77,3	6,9	62,8	69	5	35 000	23 200
–	66	–	7	48,4	76	5	43 500	29 000
69,8	–	85,9	7	71,4	76	5	43 500	29 000
69,8	–	85,9	7	71,4	76	5	43 500	29 000



Radial insert ball bearings with eccentric locking collar

Spherical outer ring



GRAE...NPP-B

Dimension table (continued) - Dimensions in mm

Designation ¹⁾	Mass m ≈kg	Dimensions					
		d	D _{sp}	C	C ₂	B	S
GRAE60-NPP-B	1,4	60	110	24	—	37,1	13,5
GRAE60-NPP-B-FA125.5	1,4	60	110	24	—	37,1	13,5
GE60-KRR-B	1,84	60	110	24	29	61,9	31
GE60-KRR-B-FA164	1,84	60	110	24	29	61,9	31
GE60-KRR-B-FA101	1,84	60	110	24	29	61,9	31
GNE60-KRR-B	2,97	60	130	33	37,2	52	23
GE60-KTT-B	1,84	60	110	24	29	61,9	31
GE65-214-KRR-B	2,71	65	125	28	32	48,5	21,5
GE65-214-KRR-B-FA164	2,71	65	125	28	32	48,5	21,5
GE65-214-KTT-B	2,71	65	125	28	32	48,5	21,5
GE70-KRR-B	2,45	70	125	28	32	48,5	21,5
GE70-KRR-B-FA164	2,45	70	125	28	32	48,5	21,5
GE70-KRR-B-FA101	2,45	70	125	28	32	48,5	21,5
GNE70-KRR-B	4,37	70	150	37	41	58	26
GE70-KTT-B	2,45	70	125	28	32	48,5	21,5
GE75-KRR-B	2,65	75	130	28	30,5	49,5	21,5
GE75-KRR-B-FA164	2,65	75	130	28	30,5	49,5	21,5
GE75-KRR-B-FA101	2,65	75	130	28	30,5	49,5	21,5
GE75-KTT-B	2,65	75	130	28	30,5	49,5	21,5
GE80-KRR-B	2,95	80	140	30	38	53,2	23,4
GE80-KRR-B-AH01-FA164	2,95	80	140	30	38	53,2	23,4
GNE80-KRR-B ²⁾	7,1	80	170	41	51	73	34
GE80-KTT-B	2,95	80	140	30	38	53,2	23,4
GE90-KRR-B ²⁾	3,72	90	160	32	35	52	23
GE90-KRR-B-FA164 ²⁾	3,72	90	160	32	35	52	23
GNE90-KRR-B ²⁾	8,07	90	190	45	52,6	77,5	35,5
GE100-KRR-B ²⁾	4,65	100	180	36	39	57,5	25,5
GNE100-KRR-B ²⁾	12,3	100	215	49	59,4	86	39,5
GE120-KRR-B ²⁾	6,93	120	215	40	45	63,5	28,5
GE120-KRR-B-FA101 ²⁾	6,93	120	215	40	45	63,5	28,5

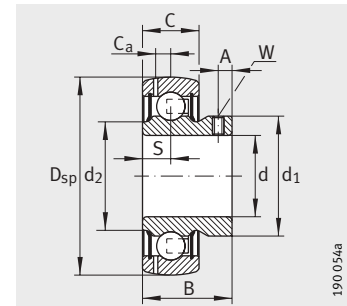
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.

²⁾ Lubrication groove in outer ring.



Radial insert ball bearings with grub screws in inner ring

Spherical outer ring

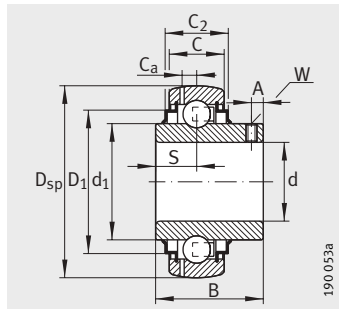


GAY..-NPP-B, AY..-NPP-B

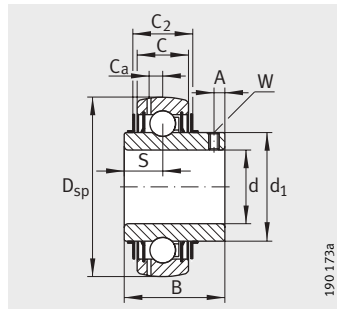
Dimension table · Dimensions in mm							
Designation ¹⁾	Mass m ≈ kg	Dimensions					
		d	D _{sp}	C	C ₂	B	S
GAY12-NPP-B	0,1	12	40	12	—	22	6
GAY12-NPP-B-FA164	0,1	12	40	12	—	22	6
AY12-NPP-B	0,1	12	40	12	—	22	6
GYE12-KRR-B	0,11	12	40	12	16,6	27,4	11,5
GYE12-KRR-B-VA	0,11	12	40	12	13,5	25	9,6
GAY15-NPP-B	0,09	15	40	12	—	22	6
GAY15-NPP-B-FA164	0,09	15	40	12	—	22	6
AY15-NPP-B	0,09	15	40	12	—	22	6
GYE15-KRR-B	0,1	15	40	12	16,6	27,4	11,5
GYE15-KRR-B-VA	0,1	15	40	12	13,5	25	9,6
GYE16-KRR-B	0,1	16	40	12	16,6	27,4	11,5
GAY17-NPP-B	0,08	17	40	12	—	22	6
AY17-NPP-B	0,08	17	40	12	—	22	6
GYE17-KRR-B	0,09	17	40	12	16,6	27,4	11,5
GYE17-KRR-B-VA	0,09	17	40	12	13,5	25	9,6
GAY20-NPP-B	0,13	20	47	14	—	25	7
AY20-NPP-B	0,13	20	47	14	—	25	7
GYE20-KRR-B	0,17	20	47	14	16,6	31	12,7
GYE20-KRR-B-VA ²⁾	0,18	20	47	16	17,5	31	12,7
GAY25-NPP-B	0,16	25	52	15	—	27	7,5
AY25-NPP-B	0,16	25	52	15	—	27	7,5
GYE25-KRR-B	0,2	25	52	15	16,7	34,1	14,3
GYE25-KRR-B-VA ²⁾	0,21	25	52	17	18,5	34	14,3
GAY30-NPP-B	0,25	30	62	18	—	30	9
AY30-NPP-B	0,25	30	62	18	—	30	9
GYE30-KRR-B	0,33	30	62	18	20,7	38,1	15,9
GYE30-KRR-B-VA ²⁾	0,4	30	62	19	20,5	38,1	15,9
GAY35-NPP-B	0,39	35	72	19	—	35	9,5
GYE35-KRR-B	0,49	35	72	19	22,5	42,9	17,5
GYE35-KRR-B-VA ²⁾	0,43	35	72	20	21,5	42,9	17,5

¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.

²⁾ Lubrication groove in outer ring.



GYE..-KRR-B



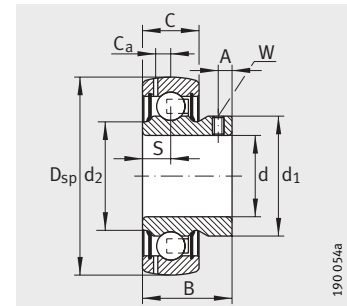
GYE..-KRR-B-VA

						Basic load ratings	
d ₁	d ₂	D ₁	C _a	A	W	dyn. C _r N	stat. C _{0r} N
23,9	22,9	–	3,4	4,2	2,5	9 800	4 750
23,9	22,9	–	3,4	4,2	2,5	9 800	4 750
23,9	22,9	–	–	4	2,5	9 800	4 750
23,9	–	31,6	3,4	4	2,5	9 800	4 750
23,9	–	–	3,4	4	2,5	9 800	4 750
23,9	22,9	–	3,4	4	2,5	9 800	4 750
23,9	22,9	–	3,4	4	2,5	9 800	4 750
23,9	22,9	–	–	4	2,5	9 800	4 750
23,9	–	31,6	3,4	4	2,5	9 800	4 750
24	–	–	3,4	4	2,5	9 800	4 750
23,9	–	31,6	3,4	4	2,5	9 800	4 750
23,9	22,9	–	3,4	4	2,5	9 800	4 750
23,9	22,9	–	–	4	2,5	9 800	4 750
23,9	–	31,6	3,4	4	2,5	9 800	4 750
23,9	–	–	3,4	4	2,5	9 800	4 750
28,3	26,7	–	4	4,5	2,5	12 800	6 600
28,3	26,7	–	–	4,5	2,5	12 800	6 600
27,6	–	37,4	4	4,5	2,5	12 800	6 600
29	–	–	4	5	2,5	12 800	6 600
33,5	30,4	–	3,9	5	2,5	14 000	7 800
33,5	30,4	–	–	5	2,5	14 000	7 800
33,8	–	42,5	3,9	5	2,5	14 000	7 800
34	–	–	4,5	5,5	2,5	14 000	7 800
39,4	37,3	–	4,7	5,8	3	19 500	11 300
39,4	37,3	–	–	5,8	3	19 500	11 300
40,2	–	52	4,7	5,8	3	19 500	11 300
40,4	–	–	5,2	6	3	19 500	11 300
46,9	44,5	–	5,6	6	3	25 500	15 300
46,8	–	60,3	5,6	6	3	25 500	15 300
47,4	–	–	5,6	6,5	3	25 500	15 300



Radial insert ball bearings with grub screws in inner ring

Spherical outer ring



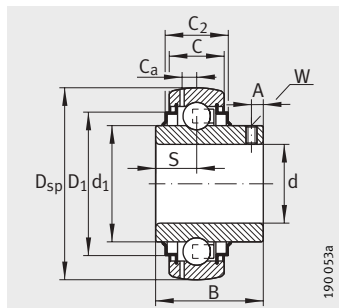
GAY..-NPP-B

Dimension table (continued) · Dimensions in mm

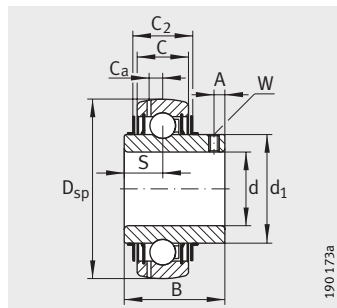
Designation ¹⁾	Mass m ≈kg	Dimensions					
		d	D _{sp}	C	C ₂	B	S
GAY40-NPP-B	0,51	40	80	21	—	39,5	10,5
GYE40-KRR-B	0,65	40	80	21	23,5	49,2	19
GYE40-KRR-B-VA²⁾	0,63	40	80	21	22,5	49,2	19
GAY45-NPP-B	0,55	45	85	22	—	41,5	11
GYE45-KRR-B	0,7	45	85	22	26,4	49,2	19
GYE45-210-KRR-B	0,8	45	90	22	26,4	51,6	19
GAY50-NPP-B	0,62	50	90	22	—	43	11
GYE50-KRR-B	0,8	50	90	22	26,4	51,6	19
GYE55-KRR-B	1,1	55	100	25	29	55,6	22,2
GAY60-NPP-B	1,07	60	110	24	—	47	13
GYE60-KRR-B	1,32	60	110	24	29	65,1	25,4
GYE65-214-KRR-B	2,25	65	125	28	32	74,6	30,2
GYE70-KRR-B	1,95	70	125	28	32	74,6	30,2
GYE75-KRR-B	2,19	75	130	28	30,5	77,8	33,3
GYE80-KRR-B	2,93	80	140	30	38	82,6	33,3
GYE90-KRR-B²⁾	4,2	90	160	32	35	96	39,7

¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.

²⁾ Lubrication groove in outer ring.



GYE..-KRR-B



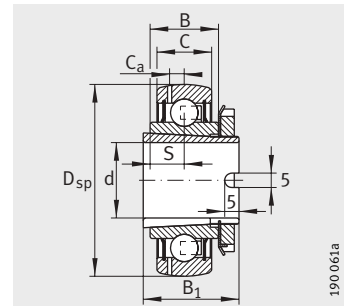
GYE..-KRR-B-VA

						Basic load ratings	
d ₁	d ₂	D ₁	C _a	A	W	dyn. C _r N	stat. C _{0r} N
52,4	49,3	–	6,4	8	4	32 500	19 800
52,3	–	68,3	6,4	8	4	32 500	19 800
52,7	–	–	5,9	8	4	32 500	19 800
57	54,3	–	6,4	8	4	32 500	20 400
57	–	72,3	6,4	8	4	32 500	20 400
62,9	–	77,3	6,9	8,5	4	35 000	23 200
62	59,3	–	6,9	9	4	35 000	23 200
62,8	–	77,3	6,9	8,5	4	35 000	23 200
69,8	–	85,9	7	9	4	43 500	29 000
76	73,6	–	7,2	10	5	52 000	36 000
76,5	–	94,5	7,2	10,1	5	52 000	36 000
85,2	–	109	8,9	12,1	5	62 000	44 000
85,2	–	109	8,9	12	5	62 000	44 000
90	–	113	8,5	12,7	5	62 000	44 500
97	–	120	8,8	12	5	72 000	54 000
109,4	–	138	10	12	6	96 000	72 000



Radial insert ball bearings with integral adapter sleeve

Spherical outer ring



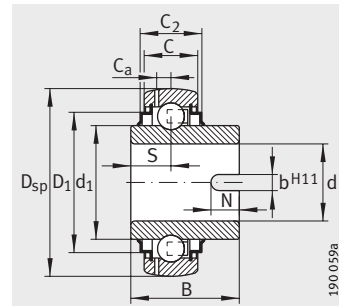
GSH..-2RSR-B

Dimension table · Dimensions in mm											
Designation ¹⁾	Mass m ≈kg	Dimensions							Limiting speed n _G grease min ⁻¹	Basic load ratings	
		d	D _{sp}	C	B	S	C _a	B ₁		dyn. C _r N	stat. C _{0r} N
GSH20-2RSR-B	0,14	20	47	14	15	7,5	4	28	10 000	12 700	6 600
GSH25-2RSR-B	0,17	25	52	15	15	7,5	3,9	28	8 000	13 600	7 800
GSH30-2RSR-B	0,27	30	62	18	18	9	4,7	32	6 600	18 900	11 300
GSH35-2RSR-B	0,43	35	72	19	19	9,5	5,8	34	5 700	24 900	15 300
GSH40-2RSR-B	0,54	40	80	21	22	11	6,4	38	5 000	29 500	19 800
GSH50-2RSR-B	0,64	50	90	22	22	11	6,5	40	4 000	33 000	19 900

¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.

Radial insert ball bearings with drive slot

Non-locating bearings
Spherical outer ring



GLE..-KRR-B

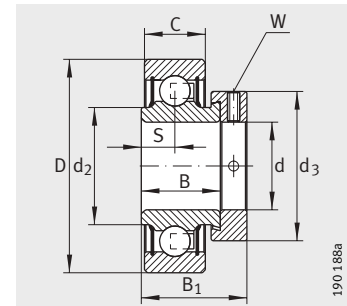
Dimension table · Dimensions in mm														
Designation ¹⁾	Mass m ≈kg	Dimensions											Basic load ratings	
		d	D _{sp}	C	C ₂	B	S	d ₁	D ₁	C _a	N	b	dyn. C _r N	stat. C _{0r} N
GLE20-KRR-B	0,16	20	47	14	16,6	34,1	15,6	27,6	37,4	4	7	7	12 800	6 600
GLE25-KRR-B	0,19	25	52	15	16,7	34,9	14,7	33,8	42,5	3,9	8	7	14 000	7 800
GLE30-KRR-B	0,3	30	62	18	20,7	36,5	14,5	40,2	52	4,7	8	7	19 500	11 300
GLE35-KRR-B	0,43	35	72	19	22,5	37,7	15,7	46,8	60,3	5,6	8	7	25 500	15 300
GLE40-KRR-B	0,58	40	80	21	23,5	42,9	15,9	52,3	68,3	6,4	9	7	32 500	19 800
GLE45-KRR-B	0,66	45	85	22	26,4	42,9	17,4	57,9	72,3	6,4	9	7	32 500	20 400
GLE50-KRR-B	0,76	50	90	22	26,4	49,2	19	62,8	77,3	6,9	10	7	35 000	23 200
GLE60-KRR-B	1,52	60	110	24	29	61,9	24,6	76,5	95,9	7,2	12	9	52 000	36 000
GLE70-KRR-B	2,25	70	125	28	32	68,2	27	85,2	109	8,9	12	9	62 000	44 000

¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.



Radial insert ball bearings with eccentric locking collar

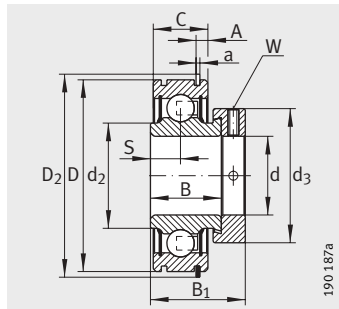
Cylindrical outer ring



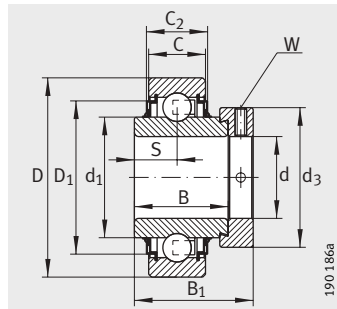
RAE...NPP, RALE...NPP

Dimension table · Dimensions in mm								
Designation ¹⁾	Mass m ≈ kg	Dimensions						
		d	D	D ₂	C	C ₂	A	a
RAE12-NPP-FA106	0,12	12	40	—	12	—	—	—
RAE15-NPP-FA106	0,12	15	40	—	12	—	—	—
RAE17-NPP-FA106	0,12	17	40	—	12	—	—	—
RAE20-NPP-FA106	0,16	20	47	—	14	—	—	—
RAE20-NPP-NR	0,16	20	47	52,7	14	—	3,58 _{-0,25}	1,12
RALE20-NPP-FA106	0,09	20	42	—	12	—	—	—
E20-KLL	0,2	20	47	—	14	16,6	—	—
E20-KRR	0,2	20	47	—	14	16,6	—	—
RAE25-NPP-FA106	0,19	25	52	—	15	—	—	—
RAE25-NPP-NR	0,19	25	52	57,9	15	—	3,58 _{-0,25}	1,12
RALE25-NPP	0,12	25	47	—	12	—	—	—
E25-KLL	0,25	25	52	—	15	20,2	—	—
E25-KRR	0,25	25	52	—	15	16,7	—	—
RAE30-NPP-FA106	0,31	30	62	—	18	—	—	—
RAE30-NPP-NR	0,31	30	62	67,7	18	—	4,98 _{-0,3}	1,7
RALE30-NPP-FA106	0,17	30	55	—	13	—	—	—
E30-KLL	0,38	30	62	—	18	20,6	—	—
E30-KRR	0,38	30	62	—	18	20,7	—	—
RAE35-NPP-FA106	0,48	35	72	—	19	—	—	—
RAE35-NPP-NR	0,48	35	72	78,6	19	—	4,98 _{-0,3}	1,7
E35-KLL	0,55	35	72	—	19	25,4	—	—
E35-KRR	0,55	35	72	—	19	21,7	—	—
RAE40-NPP-FA106	0,62	40	80	—	21	—	—	—
RAE40-NPP-NR	0,62	40	80	86,6	21	—	4,98 _{-0,3}	1,7
E40-KLL	0,74	40	80	—	21	28,1	—	—
E40-KRR	0,74	40	80	—	21	23,5	—	—
RAE45-NPP-FA106	0,69	45	85	—	22	—	—	—
E45-KLL	0,81	45	85	—	22	26,4	—	—
E45-KRR	0,81	45	85	—	22	26,4	—	—
RAE50-NPP-FA106	0,77	50	90	—	22	—	—	—
E50-KLL	1	50	90	—	22	26,4	—	—
E50-KRR	1	50	90	—	22	26,4	—	—
RAE60-NPP	1,4	60	110	—	24	—	—	—
E60-KRR	1,84	60	110	—	24	29	—	—
E70-KRR	2,45	70	125	—	28	32	—	—

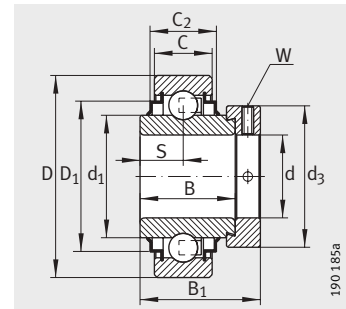
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.



RAE...NPP-NR



E...KLL



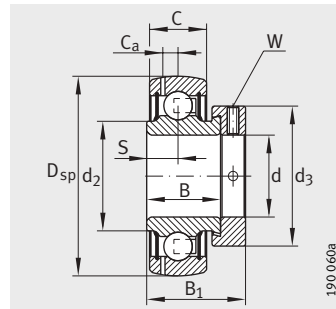
E...KRR

								Basic load ratings	
B	S	d ₁	d ₂	D ₁	B ₁	d ₃ max.	W	dyn. C _r N	stat. C _{0r} N
19	6,5	–	23	–	28,6	28	3	9 800	4 750
19	6,5	–	23	–	28,6	28	3	9 800	4 750
19	6,5	–	23	–	28,6	28	3	9 800	4 750
21,4	7,5	–	26,9	–	31	33	3	12 800	6 600
21,4	7,5	–	26,9	–	31	33	3	12 800	6 600
16,7	6	–	25,4	–	24,5	30	2,5	9 400	5 000
34,1	17,1	27,6	–	37,4	43,7	33	3	12 800	6 600
34,1	17,1	27,6	–	37,4	43,7	33	3	12 800	6 600
21,4	7,5	–	30,5	–	31	37,5	3	14 000	7 800
21,4	7,5	–	30,5	–	31	37,5	3	14 000	7 800
17,5	6	–	30	–	25,5	36	2,5	10 100	5 900
34,9	17,5	33,8	–	42,5	44,5	37,5	3	14 000	7 800
34,9	17,5	33,8	–	42,5	44,5	37,5	3	14 000	7 800
23,8	9	–	37,4	–	35,8	44	4	19 500	11 300
23,8	9	–	37,4	–	35,8	44	4	19 500	11 300
18,5	6,5	–	35,7	–	26,5	42,5	2,5	13 200	8 300
36,5	18,3	40,2	–	52	48,5	44	4	19 500	11 300
36,5	18,3	40,2	–	52	48,5	44	4	19 500	11 300
25,4	9,5	–	44,6	–	39	51	5	25 500	15 300
25,4	9,5	–	44,6	–	39	51	5	25 500	15 300
37,7	18,8	46,8	–	60,3	51,3	51	5	25 500	15 300
37,7	18,8	46,8	–	60,3	51,3	51	5	25 500	15 300
30,2	11	–	49,4	–	43,8	58	5	32 500	19 800
30,2	11	–	49,4	–	43,8	58	5	32 500	19 800
42,9	21,4	52,3	–	68,3	56,5	58	5	32 500	19 800
42,9	21,4	52,3	–	68,3	56,5	58	5	32 500	19 800
30,2	11	–	54,5	–	43,8	63	5	32 500	20 400
42,9	21,4	57,9	–	72,3	56,5	63	5	32 500	20 400
42,9	21,4	57,9	–	72,3	56,5	63	5	32 500	20 400
30,2	11	–	59,4	–	43,8	69	5	35 000	23 200
49,2	24,6	62,8	–	77,3	62,8	69	5	35 000	23 200
49,2	24,6	62,8	–	77,3	62,8	69	5	35 000	23 200
37,1	13,5	–	72	–	53,1	84	5	52 000	36 000
61,9	31	76,5	–	94,5	77,9	84	5	52 000	36 000
48,5	21,5	85,2	–	109	66	96	6	62 000	44 000

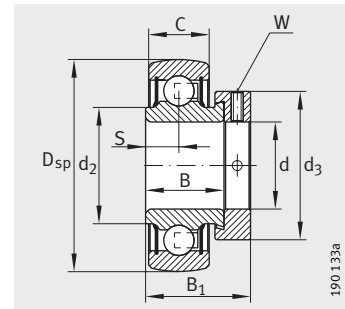


Inch size radial insert ball bearings

Spherical or cylindrical outer ring



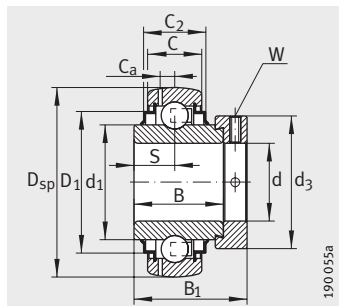
GRA..-NPP-B-AS2/V



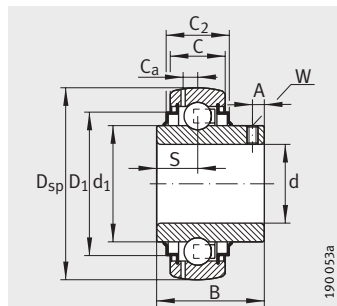
RA..-NPP-B

Dimension table · Dimensions in mm										
Shaft diameter d		Designation ¹⁾	Mass m ≈kg	Dimensions						
				D _{sp}	D	B	B ₁	C	C _a	C ₂
inch	mm									
⁵ / ₈	15,8750	GRA010-NPP-B-AS2/V	0,12	40	—	19	28,6	12	3,4	—
		RA010-NPP	0,12	—	40	19	28,6	12	—	—
³ / ₄	19,0500	GRA012-NPP-B-AS2/V	0,16	47	—	21,4	31	14	3,4	—
		GY1012-KRR-B-AS2/V	0,17	47	—	31	—	14	3,4	16,6
		RAL012-NPP	0,09	—	42	16,7	24,6	12	—	—
		RA012-NPP	0,16	—	47	21,4	31	14	—	—
⁷ / ₈	22,2250	GRA014-NPP-B-AS2/V	0,19	52	—	21,4	31	15	3,9	—
		RA014-NPP	0,19	—	52	21,4	31	15	—	—
¹⁵ / ₁₆	23,8125	G1015-KRR-B-AS2/V	0,25	52	—	34,9	44,5	15	3,9	16,7
1	25,4000	GRA100-NPP-B-AS2/V	0,19	52	—	21,4	31	15	3,9	—
		G1100-KRR-B-AS2/V	0,25	52	—	34,9	44,5	15	3,9	16,7
		GY1100-KRR-B-AS2/V	0,2	52	—	34,1	—	15	3,9	16,7
		RA100-NPP	0,19	—	52	21,4	31	15	—	—
		RA100-NPP-B	0,19	52	—	21,4	31	15	—	—
¹ / ₁₆	26,9875	RA101-NPP	0,31	—	62	23,8	35,8	18	—	—
¹ / ₈	28,5750	GRA102-NPP-B-AS2/V	0,31	62	—	23,8	35,8	18	4,7	—
		G1102-KRR-B-AS2/V	0,38	62	—	36,5	48,5	18	4,7	20,7
		RA102-NPP	0,31	—	62	23,8	35,8	18	—	—
¹ / ₁₆	30,1625	GRA103-NPP-B-AS2/V	0,31	62	—	23,8	35,8	18	4,7	—
		G1103-KRR-B-AS2/V	0,38	62	—	36,5	48,5	18	4,7	20,7
		RA103-NPP	0,31	—	62	23,8	35,8	18	—	—
¹ / ₄	31,7500	GRA104-206-NPP-B-AS2/V	0,31	62	—	23,8	35,8	18	4,7	—
		G1104-206-KRR-B-AS2/V	0,38	62	—	36,5	48,5	18	4,7	20,7
		GY1104-206-KRR-B-AS2/V	0,33	62	—	38,1	—	18	4,7	20,7
		GRA104-NPP-B-AS2/V	0,48	72	—	25,4	39	19	5,6	—
		G1104-KRR-B-AS2/V	0,55	72	—	37,7	51,3	19	5,6	22,5
		GY1104-KRR-B-AS2/V	0,49	72	—	42,9	—	19	5,6	22,5
		RA104-NPP-B	0,48	72	—	25,4	39	19	—	—
		RA104-NPP	0,48	—	72	25,4	39	19	—	—
		RA104-206-NPP-B	0,31	62	—	23,8	35,8	18	—	—
		RA104-206-NPP	0,31	—	62	23,8	35,8	18	—	9

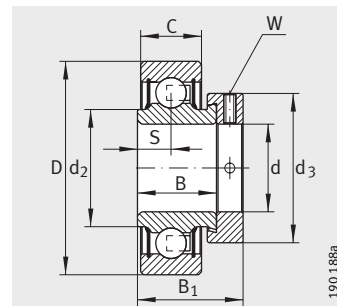
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.



G.-KRR-B-AS2/V



GY.-KRR-B-AS2/V



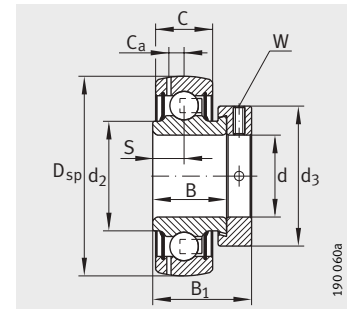
RA.-NPP, RAL.-NPP

							Basic load ratings		Shaft diameter	
S	d ₁	d ₂	D ₁	d ₃ max.	A	W "	dyn. C _r N	stat. C _{0r} N	d	
6,5	–	23	–	28	–	1/8	9 800	4 750	5/8	15,8750
6,5	–	23	–	28	–	1/8	9 800	4 750		
7,5	–	26,9	–	33	–	1/8	12 800	6 600	3/4	19,0500
12,7	27,6	–	37,4	–	4,5	3/32	12 800	6 600		
6	–	25,4	–	30	–	1/8	9 400	5 000		
7,5	–	26,9	–	33	–	1/8	12 800	6 600		
7,5	–	30,5	–	37,5	–	1/8	14 000	7 800	7/8	22,2250
7,5	–	30,5	–	37,5	–	1/8	14 000	7 800		
17,5	33,8	–	42,5	37,5	–	1/8	14 000	7 800	15/16	23,8125
7,5	–	30,5	–	37,5	–	1/8	14 000	7 800	1	25,4000
17,5	33,8	–	42,5	37,5	–	1/8	14 000	7 800		
14,3	33,8	–	42,5	–	5	3/32	14 000	7 800		
7,5	–	30,5	–	37,5	–	1/8	14 000	7 800		
7,5	–	30,5	–	37,5	–	1/8	14 000	7 800		
9	–	37,4	–	44	–	5/32	19 500	11 300	1 1/16	26,9875
9	–	37,4	–	44	–	5/32	19 500	11 300	1 1/8	28,5750
18,3	40,2	–	52	44	–	5/32	19 500	11 300		
9	–	37,4	–	44	–	5/32	19 500	11 300		
9	–	37,4	–	44	–	5/32	19 500	11 300	1 3/16	30,1625
18,3	40,2	–	52	44	–	5/32	19 500	11 300		
9	–	37,4	–	44	–	5/32	19 500	11 300		
9	–	37,4	–	44	–	5/32	19 500	11 300	1 1/4	31,7500
18,3	40,2	–	52	44	–	5/32	19 500	11 300		
15,9	40,2	–	52	–	5	1/8	19 500	11 300		
9,5	–	44,6	–	51	–	3/16	25 500	15 300		
18,8	46,8	–	60,3	51	–	3/16	25 500	15 300		
17,5	46,8	–	60,3	–	6	1/8	25 500	15 300		
9,5	–	44,6	–	51	–	3/16	25 500	15 300		
9,5	–	44,6	–	51	–	3/16	25 500	15 300		
9	–	37,4	–	44	–	5/32	19 500	11 300		
9	–	37,4	–	44	–	5/32	19 500	11 300		



Inch size radial insert ball bearings

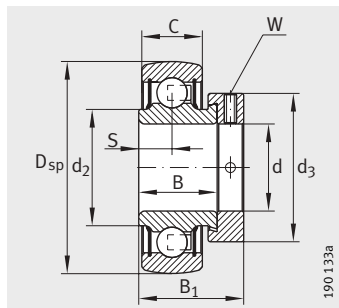
Spherical or cylindrical outer ring



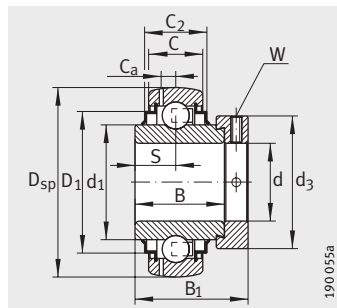
GRA..-NPP-B-AS2/V

Dimension table (continued) · Dimensions in mm										
Shaft diameter d		Designation ¹⁾	Mass m ≈kg	Dimensions						
				D _{sp}	D	B	B ₁	C	C _a	C ₂
inch	mm									
1 ³ / ₈	34,9250	GRA106-NPP-B-AS2/V	0,48	72	–	25,4	39	19	5,6	–
		G1106-KRR-B-AS2/V	0,55	72	–	37,7	51,3	19	5,6	22,5
1 ⁷ / ₁₆	36,5125	GRA107-NPP-B-AS2/V	0,48	72	–	25,4	39	19	5,6	–
		G1107-KRR-B-AS2/V	0,55	72	–	37,7	51,3	19	5,6	22,5
		RA107-NPP	0,48	–	72	25,4	39	19	–	–
1 ¹ / ₂	38,1000	GRA108-NPP-B-AS2/V	0,62	80	–	30,2	43,8	21	6,4	–
		G1108-KRR-B-AS2/V	0,74	80	–	42,9	56,5	21	6,4	23,5
		G1108-KRR-B-AS2/V	0,65	80	–	49,2	–	21	6,4	23,5
		RA108-NPP-B	0,62	80	–	30,2	43,8	21	–	–
		RA108-NPP	0,62	–	80	30,2	43,8	21	–	–
1 ⁵ / ₈	41,2750	G1110-KRR-B-AS2/V	0,81	85	–	42,9	56,5	22	6,4	26,4
1 ¹¹ / ₁₆	42,8625	G1111-KRR-B-AS2/V	0,81	85	–	42,9	56,5	22	6,4	26,4
1 ³ / ₄	44,4500	GRA112-NPP-B-AS2/V	0,69	85	–	30,2	43,8	22	6,4	–
		G1112-KRR-B-AS2/V	0,81	85	–	42,9	56,5	22	6,4	26,4
		GY1112-KRR-B-AS2/V	0,7	85	–	49,2	–	22	6,4	26,4
1 ¹⁵ / ₁₆	49,2125	G1115-KRR-B-AS2/V	1	90	–	49,2	62,8	22	6,9	26,4
2	50,8000	G1200-KRR-B-AS2/V	1,42	100	–	55,5	71,4	25	7	29
		GY1200-KRR-B-AS2/V	1,1	100	–	55,6	–	25	7	29
2 ³ / ₁₆	55,5625	G1203-KRR-B-AS2/V	1,42	100	–	55,5	71,4	25	7	29
2 ⁷ / ₁₆	61,9125	G1207-KRR-B-AS2/V	1,84	110	–	61,9	77,9	24	7,2	29
2 ¹⁵ / ₁₆	74,6125	G1215-KRR-B-AS2/V	2,65	130	–	49,5	67	28	8,5	30,5
		GY1215-KRR-B-AS2/V	1,97	130	–	77,8	–	28	8,5	31,5

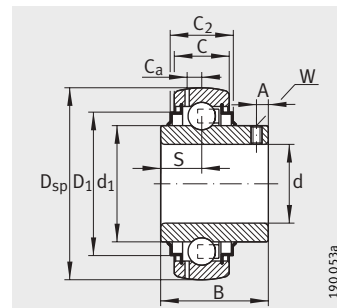
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.



RA..-NPP-B



G..-KRR-B-AS2/V



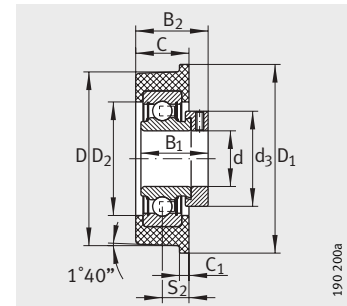
GY..-KRR-B-AS2/V

							Basic load ratings		Shaft diameter	
S	d ₁	d ₂	D ₁	d ₃	A	W	dyn. C _r N	stat. C _{0r} N	d	
				max.		"			inch	mm
9,5	–	44,6	–	51	–	³ / ₈	25 500	15 300	1³/₈	34,9250
18,8	46,8	–	60,3	51	–	³ / ₁₆	25 500	15 300		
9,5	–	44,6	–	51	–	³ / ₁₆	25 500	15 300	1⁷/₁₆	36,5125
18,8	46,8	–	60,3	51	–	³ / ₁₆	25 500	15 300		
9,5	–	44,6	–	51	–	³ / ₁₆	25 500	15 300		
11	–	49,4	–	58	–	³ / ₁₆	32 500	19 800	1¹/₂	38,1000
21,4	52,3	–	68,3	58	–	³ / ₁₆	32 500	19 800		
19	52,3	–	68,3	–	8	⁵ / ₃₂	32 500	19 800		
11	–	49,4	–	58	–	³ / ₁₆	32 500	19 800		
11	–	49,4	–	58	–	³ / ₁₆	32 500	19 800		
21,4	57,9	–	72,3	63	–	³ / ₁₆	32 500	20 400	1⁵/₈	41,2750
21,4	57,9	–	72,3	63	–	³ / ₁₆	32 500	20 400	1¹¹/₁₆	42,8625
11	–	54,5	–	63	–	³ / ₁₆	32 500	20 400	1³/₄	44,4500
21,4	57,9	–	72,3	63	–	³ / ₁₆	32 500	20 400		
19	57,9	–	72,3	–	8	⁵ / ₃₂	32 500	20 400		
24,6	62,8	–	77,3	69	–	³ / ₁₆	35 000	23 200	1¹⁵/₁₆	49,2125
27,8	69,8	–	85,9	76	–	³ / ₁₆	43 500	29 000	2	50,8000
22,2	69,8	–	85,9	–	9	⁵ / ₃₂	43 500	29 000		
27,8	69,8	–	85,9	76	–	³ / ₁₆	43 500	29 000	2³/₁₆	55,5625
31	76,5	–	94,5	84	–	³ / ₁₆	52 000	36 000	2⁷/₁₆	61,9125
21,5	90	–	113	100	–	¹ / ₄	62 000	44 500	2¹⁵/₁₆	74,6125
33,4	90	–	113	–	12,7	³ / ₁₆	62 000	44 500		



Radial insert ball bearings with rubber interliner

Spherical or
cylindrical outside surface of rubber interliner



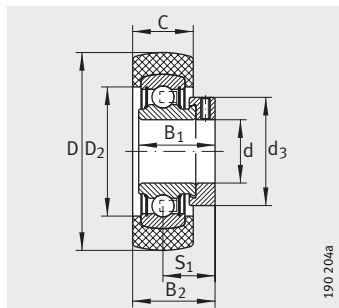
CRB

Dimension table · Dimensions in mm								
Designation ¹⁾		Mass	Dimensions					
Unit ²⁾	Radial insert ball bearing		d	D	D ₁	C	C ₂	C ₁
		≈ kg						
RABRB12/47-FA106	RAE12-NPP-B-FA106	0,15	12	47,3	–	17,6	–	–
RCSMB15/65-FA106	RAE15-NPP-FA106	0,18	15	65,1	–	25,4	–	–
RABRB15/47-FA106	RAE15-NPP-B-FA106	0,15	15	47,3	–	18	–	–
RCSMB17/65-FA106	RAE17-NPP-FA106	0,18	17	65,1	–	25,4	–	–
CRB20/83	RAE20-NPP	0,3	20	83,6	87,4	25,4	–	4,8
CRB20/76	RAE20-NPP	0,3	20	77,5	80	25,4	–	5
RCSMB20/65-FA106	RAE20-NPP-FA106	0,22	20	65,1	–	25,4	–	–
RCRA20/46-FA106	RAE20-NPP-FA106	0,14	20	46	–	18,3	16	–
RABRB20/52-FA106	RAE20-NPP-B-FA106	0,2	20	52,3	–	17,6	–	–
CRB25/83	RAE25-NPP	0,32	25	83,6	87,4	25,4	–	4,8
CRB25/70	RAE25-NPP	0,32	25	71,5	76	25	–	5
CRB25/72	RAE25-NPP	0,32	25	73	80	25	–	5
RCSMB25/65-FA106	RAE25-NPP-FA106	0,24	25	65,1	–	25,4	–	–
RCRB25/57-FA106	RAE25-NPP-FA106	0,21	25	57,3	–	19,8	17,5	–
RABRB25/62-FA106	RAE25-NPP-B-FA106	0,24	25	62,2	–	20,8	–	–
CRB30/83	RAE30-NPP	0,41	30	83,6	87,4	28	–	4,8
CRB30/92	RAE30-NPP	0,41	30	93	98	28	–	5
RCSMA30/65-FA106	RAE30-NPP-FA106	0,32	30	65,1	–	25,4	–	–
RABRA30/62-FA106	RAE30-NPP-B-FA106	0,3	30	62,2	–	20,8	–	–
RABRB30/72-FA106	RAE30-NPP-B-FA106	0,38	30	72,2	–	23	–	–
CRB35/110	RAE35-NPP	0,56	35	112,3	120	30	–	5
RABRB35/80-FA106	RAE35-NPP-B-FA106	0,57	35	80,2	–	24	–	–
RABRB40/85-FA106	RAE40-NPP-B-FA106	0,73	40	85	–	27	–	–
RABRB50/100-FA106	RAE50-NPP-B-FA106	0,92	50	100,2	–	30	–	–

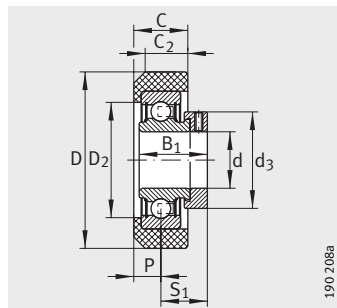
¹⁾ Permissible speeds of radial insert ball bearings: see page 1049.

²⁾ Operating temperature from –20 °C to +85 °C.

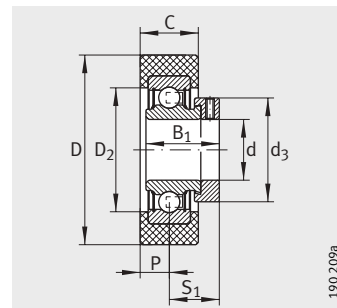
³⁾ Also available by agreement in NBR80.



RABRA, RABRB



RCRA, RCRB

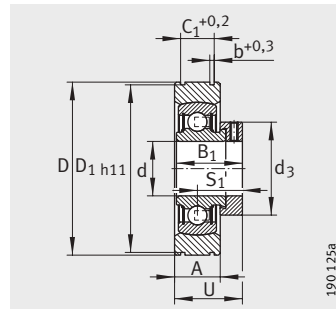


RCSMA, RCSMB

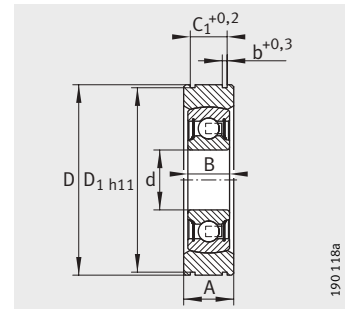
							Rubber ring		Basic load ratings	
S ₁	D ₂	B ₁	P	d ₃ max.	S ₂	B ₂	Hardness Shore A °	Load carrying capacity C _G N	dyn. C _r N	stat. C _{or} N
22,1	33,5	28,6	–	28	–	30,9	70	840	9 800	4 750
22,1	35	28,6	12,7	28	–	–	70	900	9 800	4 750
22,1	33,5	28,6	–	28	–	31,1	70	840	9 800	4 750
22,1	35	28,6	12,7	28	–	–	70	900	9 800	4 750
–	40	31	–	33	12,7	36,2	80	750	12 800	6 600
–	40	31	–	33	12,5	36	80	750	12 800	6 600
23,5	40	31	12,7	33	–	–	70	1 200	12 800	6 600
18,6	35	24,5	10	30	–	–	70	900	9 400	5 000
23,5	39	31	–	33	–	32,3	70	1 160	12 800	6 600
–	46	31	–	37,5	12,7	36,2	80	1 000	14 000	7 800
–	46	31	–	37,5	12,5	36	80	1 000	14 000	7 800
–	46	31	–	37,5	12,5	36	80	1 000	14 000	7 800
23,5	46	31	12,7	37,5	–	–	70	1 400	14 000	7 800
23,5	44,5	31	9,8	37,5	–	–	70	1 400	14 000	7 800
23,5	44,5	31	–	37,5	–	33,9	70 ³⁾	1 390	14 000	7 800
–	56	35,8	–	44	14	40,7	80	1 400	19 500	11 300
–	56	35,8	–	44	14	40,7	80	1 400	19 500	11 300
20	47,6	26,5	15	42,5	–	–	70	1 400	13 200	8 300
20	47	26,5	–	42,5	–	30,4	70	1 390	13 200	8 300
26,7	54	35,8	–	44	–	38,2	70 ³⁾	1 980	19 500	11 300
–	64	39	–	51	15	44,4	80	1 500	25 500	15 300
29,4	62	39	–	51	–	41,4	70	2 700	25 500	15 300
32,7	70	43,8	–	58	–	46,7	70 ³⁾	3 500	32 500	19 800
32,7	80	43,8	–	69	–	47,7	70 ³⁾	4 100	35 000	23 200



Radial insert ball bearings with steel aligning ring



PE



BE

Dimension table · Dimensions in mm

Designation Unit	Mass m ≈kg	Dimensions											Basic load ratings	
		d	D ³⁾	A	C ₁	b	D ₁	B	B ₁	S ₁	d ₃	U	dyn. C _r N	stat. C _{0r} N
PE20 ¹⁾	0,24	20	55	16	11,2	1,6	53,5	—	31	23,5	33	31,5	12 800	6 600
BE20 ²⁾	0,19	20	55	16	11,2	1,6	53,5	14	—	—	—	—	12 800	6 600
PE25 ¹⁾	0,31	25	62	17	11,2	1,6	60,5	—	31	23,5	37,5	32	14 000	7 800
BE25 ²⁾	0,25	25	62	17	11,2	1,6	60,5	15	—	—	—	—	14 000	7 800
PE30 ¹⁾	0,48	30	72	21	14,4	2,2	70,2	—	35,8	26,7	44	37,2	19 500	11 300
BE30 ²⁾	0,37	30	72	21	14,4	2,2	70,2	16	—	—	—	—	19 500	11 300
PE35 ¹⁾	0,64	35	80	21	14,4	2,2	78,2	—	39	29,4	51	40	25 500	15 300
BE35 ²⁾	0,45	35	80	21	14,4	2,2	78,2	17	—	—	—	—	25 500	15 300
PE40 ¹⁾	0,88	40	90	25	15,4	2,7	88	—	43,8	32,7	58	45,2	32 500	19 800
BE40 ²⁾	0,63	40	90	25	15,4	2,7	88	18	—	—	—	—	32 500	19 800

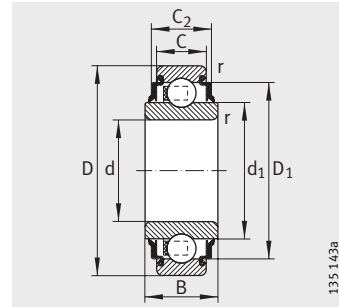
¹⁾ Permissible speeds of radial insert ball bearings RAE..NPP-B: see page 1049.

²⁾ Permissible speeds of radial insert ball bearings 2..NPP-B: see page 1078.

³⁾ Before splitting, dimension D corresponds to tolerance class PN according to DIN 620-2.

Deep groove ball bearings with extended inner ring

Cylindrical outer ring



2..-KRR, 2..-KRR-AH..

Dimension table · Dimensions in mm												
Designation	Mass m ≈ kg	Dimensions								Limiting speed n _G grease min ⁻¹	Basic load ratings	
		d	D	C	C ₂	d ₁	D ₁	B	r _{min}		dyn. C _r N	stat. C _{0r} N
203-KRR-AH05	0,08	13 ²⁾	40	12	12	24,5	30,6	18,3	0,6	13 000	9 800	4 750
202-KRR	0,05	15	35	11	11	21,5	28,8	14,4	0,6	14 600	7 600	3 700
203-KRR-AH02	0,07	16,2 ³⁾	40	12	12	24,5	32,6	18,3	0,6	13 000	9 800	4 750
203-KRR	0,07	17	40	12	12	24,5	32,9	18,3	0,6	13 000	9 800	4 750
204-KRR	0,12	20	47	14	14	28,7	38,7	17,7	1	11 000	12 800	6 600
205-KRR	0,16	25	52	15	16,7	33,8	42,6	21	1	8 800	14 000	7 800
206-KRR	0,24	30	62	16	19,6	40,2	52	24	1	7 300	19 500	11 300
207-KRR-AH03 ¹⁾	0,35	35	72	17	19,7	46,8	60,3	25	2	6 300	25 500	15 300
208-KRR-AH04 ¹⁾	0,46	38,892	80	21	21,2	52,3	68,2	27,5	1	5 500	32 500	19 800
208-KRR	0,44	40	80	18	20,5	52,3	68,2	27	1,1	5 500	32 500	19 800
209-KRR	0,53	45	85	19	26,4	57,9	72,3	30	1,1	4 900	32 500	20 400
210-KRR	0,58	50	90	20	24	62,8	77,6	30	1,1	4 400	35 000	23 200
211-KRR	0,85	55	100	21	27,5	69,8	85,9	36	1,5	4 000	43 500	29 000
212-KRR	1,1	60	110	22	30	76,5	94,7	36	1,5	3 700	52 000	36 000

1) With steel cage.

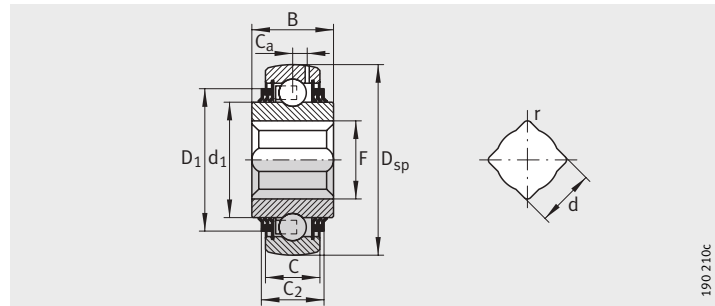
2) $d^{+0,08}_{-0,05}$.

3) $d^{+0,1}_{-0,05}$.



Self-aligning deep groove ball bearings

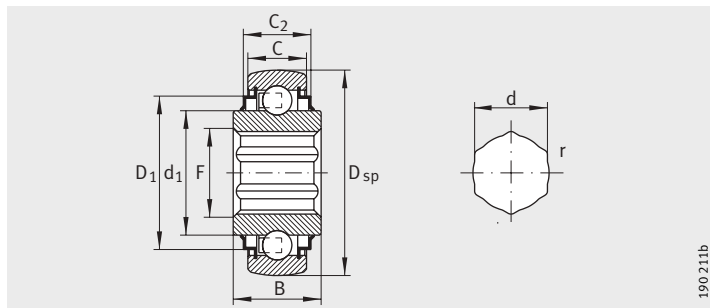
Spherical outer ring
With square or
hexagonal bore



190 210c

GVK..-KTT-B(-AH..), VK..-KTT-B(-AH..)

Dimension table · Dimensions in mm									
Width across flats of shaft d		Designation	Mass m ≈ kg	Dimensions					
				d	d Deviation	D _{sp}	C	C ₂	d ₁
–	17,0000	SKE17-204-KRR-B	0,12	17,0000	+0,15 +0,05	47	14	–	28,7
7/8	22,2250	SK014-205-KRR-B	0,2	22,2250	+0,15 +0,05	52	15	16,7	33,8
1	25,4000	GVK100-208-KTT-B	0,74	25,4000	+0,9 +0,6	80	21	28,1	52,3
		VK100-208-KTT-B-AH10	0,72	25,4000	+0,9 +0,6	80	18	25,3	52,3
		SK100-206-KRR-B-AH11	0,32	25,4000	+0,15 +0,03	62	16	18,7	40,2
1 1/8	28,5750	GVK102-208-KTT-B-AH10	0,68	28,5750	+0,9 +0,6	80	18	25,3	52,3
		SK102-207-KRR-B-AH10	0,45	28,5750	+0,175 +0,03	72	17	20,5	46,8
1 1/4	31,7500	GVK104-209-KTT-B	0,71	31,7500	+0,9 +0,6	85	22	27,4	57,9
		SK104-207-KRR-B-AH12	0,45	31,7500	+0,2 +0,1	72	17	20,5	46,8
1 9/16	39,6875	GVK109-211-KTT-B	1,25	39,6875	+1,1 +0,8	100	25	29	69,8



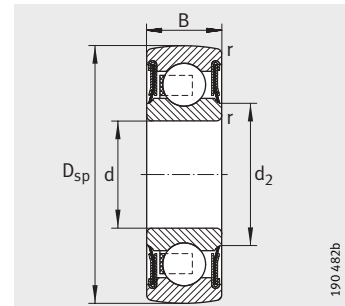
SK..-KRR-B(-AH)

					Limiting speed n _G grease min ⁻¹	Basic load ratings		Width across flats of shaft	
F	D ₁	C _a	B	r		dyn. C _r N	stat. C _{0r} N	d	
								inch	mm
20,2	–	–	17,7	0,13	900	12 800	6 600	–	17,0000
26,2	42,6	–	25,4	0,13	900	14 000	7 800	⁷ / ₈	22,2250
35,4	68,3	6,4	36,5	2,5	500	32 500	19 800	1	25,4000
35,4	68,3	–	36,5	2,5	500	32 500	19 800		
30,5	52	–	24	0,13	800	19 500	11 300		
41,3	68,3	5,8	36,5	2,5	500	32 500	19 800	1¹/₈	28,5750
38	60,3	–	37,7	0,25	800	25 500	15 300		
44,3	72,3	6,4	36,5	2,5	500	32 500	20 400	1¹/₄	31,7500
38	60,3	–	25	0,12	800	25 500	15 300		
55,2	85,9	7,1	36	2,5	450	43 500	29 000	1⁹/₁₆	39,6875



Self-aligning deep groove ball bearings

Spherical outer ring
Bore for fit

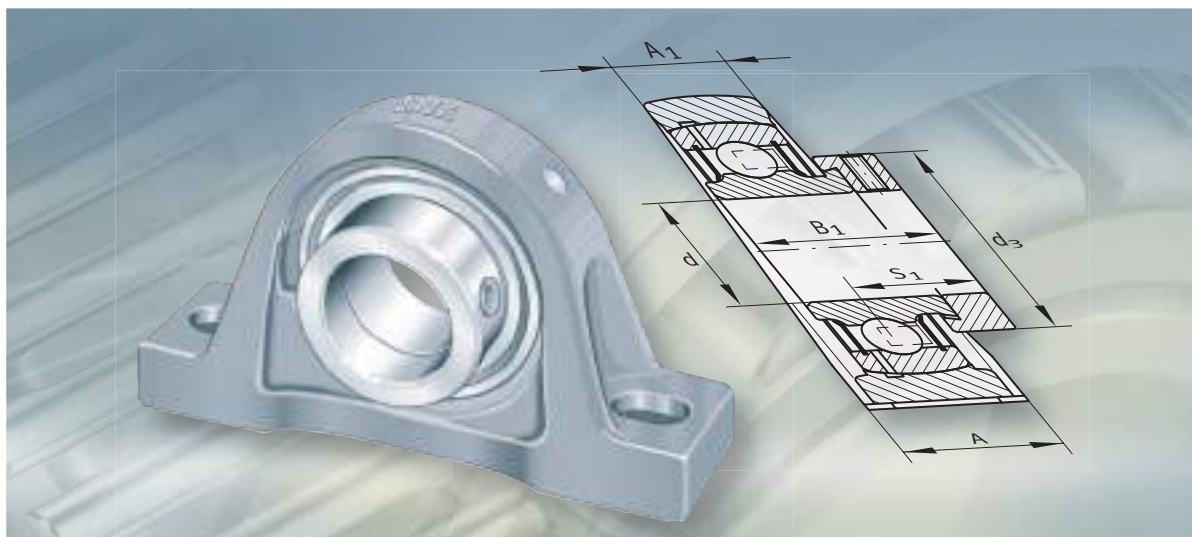


2..-NPP-B

Dimension table · Dimensions in mm									
Designation	Mass m ≈ kg	Dimensions					Limiting speed n _G grease min ⁻¹	Basic load ratings	
		d	D _{sp}	B	d ₂	r _{min}		dyn. C _r N	stat. C _{0r} N
201-NPP-B¹⁾	0,04	12	32	10	17,1	0,6	18 300	6 800	3 050
203-NPP-B²⁾	0,06	17	40	12	22,5	0,6	13 000	9 800	4 750
204-NPP-B²⁾	0,11	20	47	14	26,5	1	11 000	12 800	6 600
205-NPP-B²⁾	0,13	25	52	15	30,3	1	8 800	14 000	7 800
206-NPP-B¹⁾	0,2	30	62	16	37,4	1	7 300	19 500	11 300
207-NPP-B¹⁾	0,29	35	72	17	42,4	1	6 300	25 500	15 300
208-NPP-B¹⁾	0,37	40	80	18	48,4	1,1	5 500	32 500	19 800
209-NPP-B¹⁾	0,41	45	85	19	53,2	1,1	4 900	32 500	20 400
210-NPP-B¹⁾	0,46	50	90	20	58,2	1,1	4 400	35 000	23 200

¹⁾ One-piece seal with moulded seal lip.

²⁾ Three-piece P seal.



Housing units

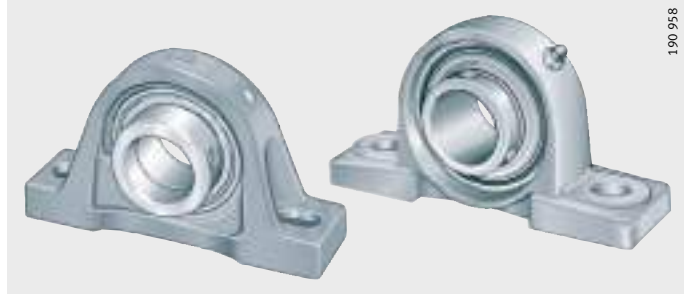
Product overview Housing units

Plummer block housing units

Cast iron housings with long base

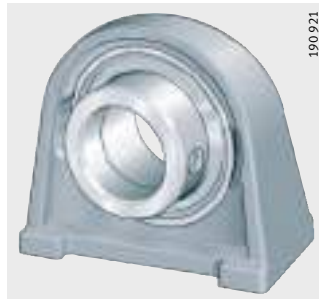
Combinations
of bearings and housings
see page 1090

PASE, PASEY, RASE, RASEL, RASEA, RASEY, TASE, LASE, RSAO, RASEY..-JIS



Cast iron housings with short base

PSHE, PSHEY, RSHE, RSHEY, TSHE

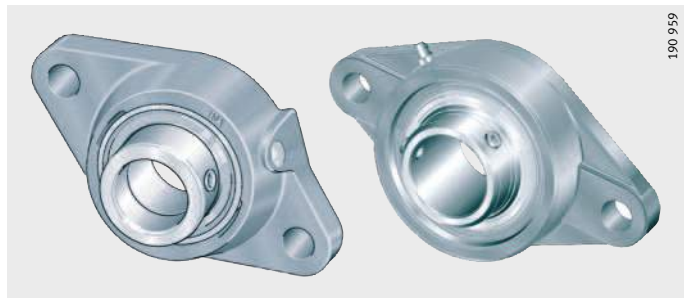


Two-bolt flanged housing units

Cast iron housings

Combinations
of bearings and housings
see page 1090

PCJT, PCJTY, RCJTZ, RCJT, RCJTA, RCJTY, PCFT, TCJT, LCJT, RCJTY..-JIS



FLCTE, FLCTEY, GLCTE

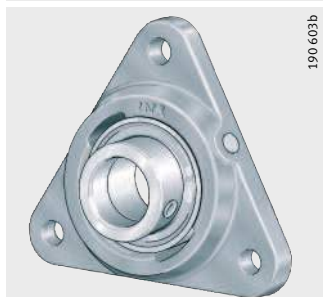


Three-bolt flanged housing units

Cast iron housings

Combinations
of bearings and housings
see page 1090

PCFTR



Four-bolt flanged housing units

Cast iron housings

Combinations
of bearings and housings
see page 1090

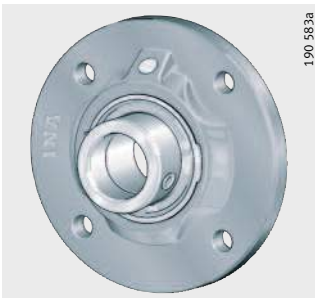
PCJ, PCJY, RCJ, RCJY, RCJL, RCJO, TCJ, PCF, RCJY..-JIS



PME, PMEY, RME, RMEY,
RME0, TME



RFE, TFE



PCCJ



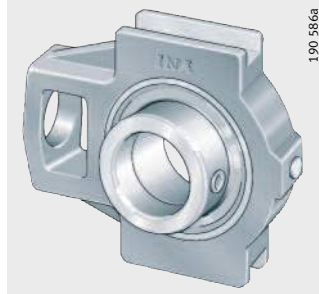
Product overview Housing units

Take-up housing units

Cast iron housings

Combinations
of bearings and housings
see page 1091

**PTUE, PTUEY, RTUE, RTUEY,
RTUEO, TTUE**



PHE, PHEY, RHE, THE



PSFT



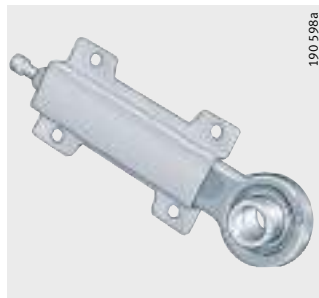
Sheet steel housings

MSTU



Cast iron/sheet steel housings

PHUSE



Plummer block housing units

Sheet steel housings

Combinations
of bearings and housings
see page 1092

PBS



PB, PBY, RPB



Two-bolt and three-bolt flanged housing units

Sheet steel housings

Combinations
of bearings and housings
see page 1092

RAT, RATY, RALT, PCSLT



RCSMF



RATR, RALTR, RRTR, RATRY



RA, RAY, RRY, GRA, GRRY



Housing units

Features INA housed bearing units are available as plummer block, flanged and take-up housing units in numerous different designs. The units are ready-to-fit and comprise INA cast iron or sheet steel housings in which INA radial insert ball bearings are fitted. In order to ensure function and reliability under all operating conditions, the bearings and housings are matched to each other.

Due to the spherical outside surface of the bearing outer ring and the concave housing bore, housing units can compensate for static angular misalignment of the shaft; see Compensation of misalignments, page 1094.

The units are used predominantly as locating bearings, but are also suitable as non-locating bearings under low loads and speeds.

The housings are screw mounted on the adjacent construction. Less stringent tolerances are adequate for the screw mounting surfaces; see Design of adjacent construction, page 1096.

Housing units with cast iron housing

Cast iron housings are single-piece units with high load carrying capacity; see Load carrying capacity of cast iron housings, page 1095. For lubrication of radial insert ball bearings, the housing bore has a radial groove and the housing has a lubrication hole suitable for conventional lubrication nipples to DIN 71412. In the delivered condition, the hole in the housing is closed off by a plastic plug. Cast iron units are available as plummer block and flanged housing units.

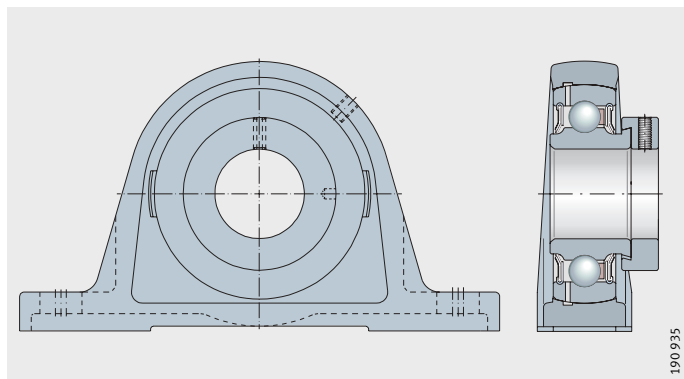
Plummer block housing units

Plummer block housing units have a long or a short base, *Figure 1*. Housings with a long base are screw mounted to the adjacent construction by means of slots, housings with a short base by blind threaded holes.

PASE

Figure 1

Plummer block housing unit – cast iron housing with long base



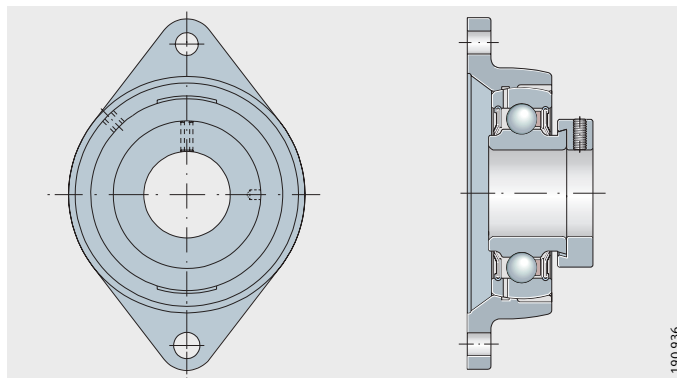
Flanged housing units

Flanged housing units are available as two-bolt, three-bolt and four-bolt units, *Figure 2*. The housings are oval, triangular, square or round in shape. The housings have through holes for locating purposes. Some series also have a centring spigot. The centring spigot is mounted in a turned recess in the machine structure. This gives concentric alignment of the housings and relieves the fixing screws of any radial forces.

PCJT

Figure 2

Flanged housing unit –
cast iron housing



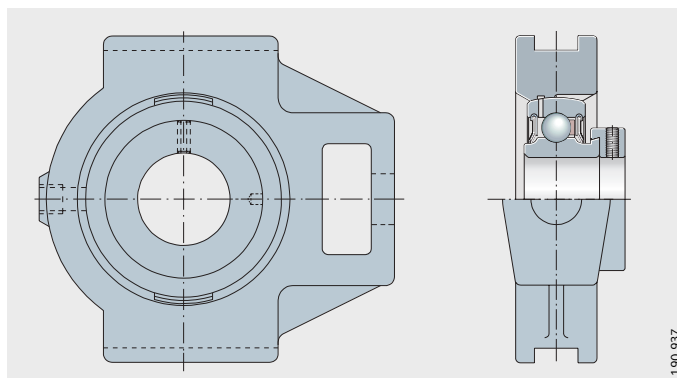
Take-up housing units

Take-up housing units can be moved or swivelled, *Figure 3*. They are used where shafts must carry out long displacement motions.

PTUE

Figure 3

Take-up housing unit –
cast iron housing



Housing materials

The material used for the cast iron housings is cast iron to EN-GJL-200/250. Housings are also available by agreement in spheroidal graphite cast iron to EN-GJS-400/450.

Bearing end caps

In order to cover the exposed ends of rotating shafts, cast iron housings with the suffix N can be fitted with bearing end caps.

Housing units

Corrosion-resistant units

Corrosion-resistant units are available as plummer block and flanged housing units. The housings and insert bearings are plated with Corrotect® and have the suffix FA125.

The units are used if moisture, contaminated water, salt spray mist, weakly alkaline or weakly acidic cleaning agents are present.

Units for high and low temperatures

These units are available as plummer block and flanged housing units. The housings correspond to the cast iron housings described above. The high temperature variant FA164 includes a tapered lubrication nipple to DIN 71 412 screwed into the housing.

The radial insert ball bearings fitted have the suffix FA164 or FA101 and are designed for high or low temperatures; see Radial insert ball bearings, page 1037.

Housing units with sheet steel housing

Sheet steel housings are two-piece units made from pressed deep drawn sheet steel and are in some cases plated with Corrotect®. Series GRA and GRRY can be relubricated via a lubrication nipple. The units are available as plummer block and flanged housing units, *Figure 4* and *Figure 5*.

Units with sheet steel housings are suitable for moderate loads and lightweight constructions.

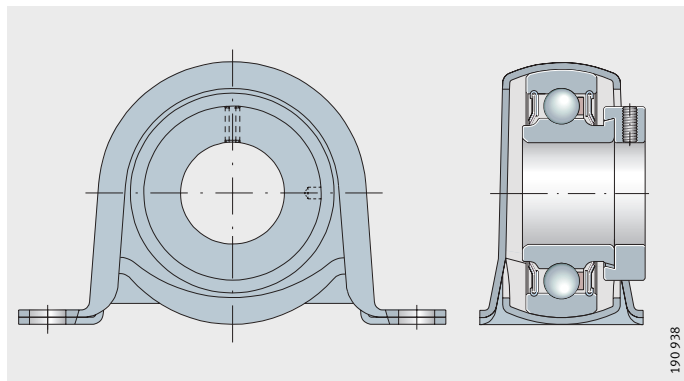
Plummer block and flanged housing units with rubber interliner

In addition to the normal plummer block and flanged housing units, there is also a design with a rubber interliner on the bearing outer ring. This interliner absorbs shocks and vibrations and thus gives damping of running noises.

PB

Figure 4

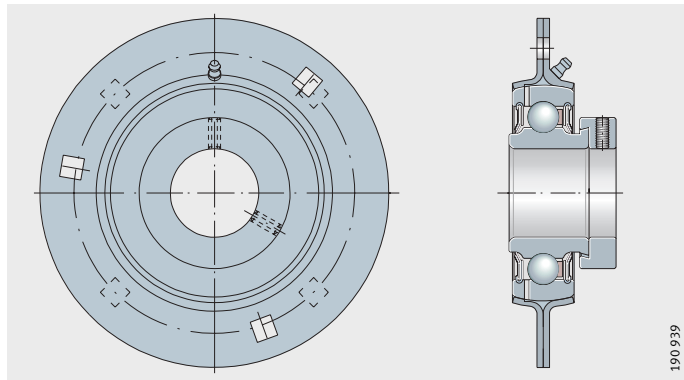
Plummer block housing unit – sheet steel housing



GRA

Figure 5

Flanged housing unit – sheet steel housing



Corrosion-resistant units

The two-piece sheet steel flanged units have the suffix VA and are also available with a relubrication facility.

They are used if moisture, contaminated water, salt spray mist, weakly alkaline or weakly acidic cleaning agents are present.

Possible combinations of radial insert ball bearings and housings

Possible combinations – radial insert ball bearings with sheet steel housings, see page 1090/1092.

Other products

In addition to the comprehensive catalogue range, INA also supplies housing units for special applications, including:

- corrosion-resistant flanged housing units with two-piece housings
 - a polypropylene flanged element combined with a corrosion-resistant alloy steel flanged element
- units with plastic housings combined with radial insert ball bearings of type VA
- other designs with special greases, seals etc. Please contact us as necessary.

Suffixes

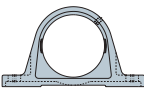
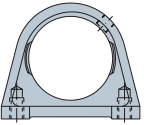
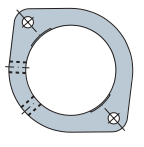
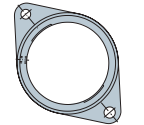
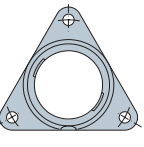
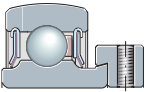
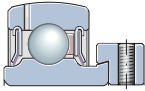
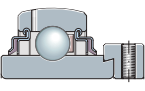
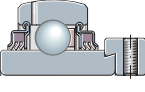
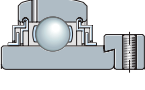
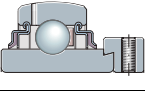
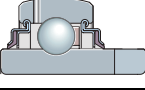
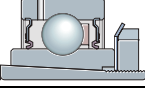
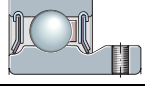
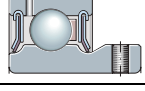
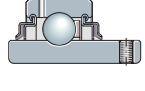
Suffixes for available housing unit designs: see table.

Available designs

Suffixes	Description
2C	Radial insert ball bearing with flinger shields on both sides
FA101	High/low temperature design for –40 °C to +150 °C
FA106	Bearing subjected to special noise testing
FA107	Bearing with lubrication holes on the locating side
FA125	With Corrotect [®] plating
FA164	High temperature design up to +250 °C
N	Cast iron housing with undercut slot for end caps
OSE	Bearing without locating element
JIS	Housing dimensions according to JIS B 1559



Housing units

Possible combinations – radial insert ball bearings with cast iron housings		Housings				
		Plummer block housings		Two-bolt flanged housings		Three-bolt flanged housings
						
		GG.ASE	GG.SHE	GG.LCTE ²⁾	GG.CJT	GG.CFTR
		GG.SAO ¹⁾		GG.GLCTE	GG.CFT	
					GG.CJTZ	
RAE...NPP-B d = 12 to 50 mm				FLCTE ²⁾ page 1120		
GRAE...NPP-B d = 12 to 60 mm		PASE page 1106	PSHE page 1116	GLCTE page 1120	PCJT page 1122 PCFT page 1122	PCFTR page 1132
GE...KRR-B d = 17 to 120 mm		RASE page 1106	RSHE page 1116		RCJT page 1122 RCJTZ page 1130	Available by agreement only
GE...KTT-B d = 20 to 80 mm		TASE page 1106	TSHE page 1116		TCJT page 1122	Available by agreement only
GE...KLL-B d = 20 to 50 mm		LASE page 1106	Available by agreement only		LCJT page 1122	Available by agreement only
GNE...KRR-B¹⁾ d = 30 to 100 mm		RSOA page 1108				
GLE...KRR-B d = 20 to 70 mm		RASEL page 1106	Available by agreement only		Available by agreement only	Available by agreement only
GSH...2RSR-B d = 20 to 50 mm		RASEA page 1106	Available by agreement only		RCJTA page 1122	Available by agreement only
AY...NPP-B d = 12 to 30 mm				FLCTEY ²⁾ page 1120		
GAY...NPP-B d = 12 to 60 mm		PASEY page 1106	PSHEY page 1116	FLCTEY ²⁾ page 1120	PCJTY page 1122	Available by agreement only
GYE...KRR-B d = 12 to 90 mm		RASEY page 1106	RSHEY page 1116		RCJTY page 1122	Available by agreement only

Catalogue range, for dimension tables see pages indicated.

Other dimensions and combinations available by agreement.

 Combinations not possible or not advisable.

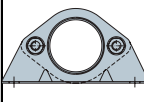
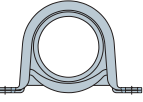
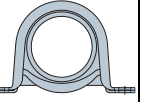
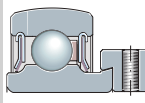
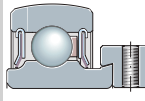
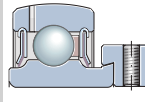
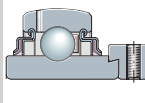
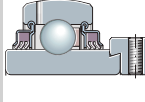
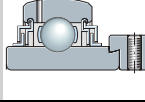
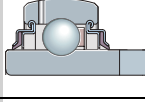
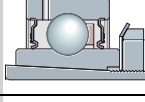
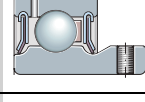
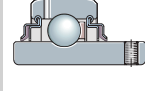
Four-bolt flanged housings						
Four-bolt flanged housings	Four-bolt flanged housings	Take-up housings				
GG.ME	GG.CJ	GG.TUE	GEH.HUE GEH..-HUSE	GG.HE	GG.SFT	GEH..-MSTU
GG.MEO¹⁾	GG.CJO¹⁾	GG.TUEO¹⁾				
GG.FE	GG.CF					
						MSTU page 1158
PME page 1142	PCJ page 1134 PCF page 1134	PTUE page 1150	PHUSE page 1156	PHE page 1154	PSFT page 1158	
RME page 1142 RFE page 1146	RCJ page 1134	RTUE page 1150	Available by agreement only	RHE page 1154	Available by agreement only	Available by agreement only
TME page 1142 TFE page 1146	TCJ page 1134	TTUE page 1150	Available by agreement only	THE page 1154	Available by agreement only	Available by agreement only
Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only
RMEO page 1142	RCJO page 1136	RTUEO page 1152				
Available by agreement only	RCJL page 1136	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only
Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only
						Available by agreement only
PMEY page 1142	PCJY page 1134	PTUEY page 1150	Available by agreement only	PHEY page 1154	Available by agreement only	
RMEY page 1142	RCJY page 1134	RTUEY page 1150	Available by agreement only	Available by agreement only	Available by agreement only	Available by agreement only

¹⁾ Heavy series.

²⁾ Without lubrication hole.



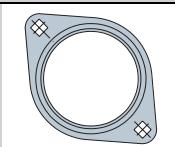
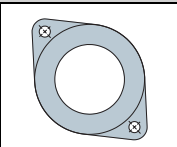
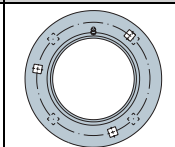
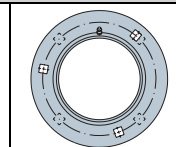
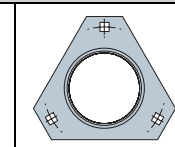
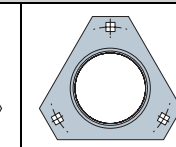
Housing units

Possible combinations – radial insert ball bearings with sheet steel housings		Housings				
		Plummer block housings			Two-bolt flanged housings	
						
		GEH...PBS	GEH...BT	GEH...BT GRG...RABR	FLAN...LST (2 pieces)	FLAN...MST (2 pieces)
RALE...NPP-B d = 20 to 30 mm				RPB page 1160	RALT page 1162	
RAE...NPP-B d = 12 to 40 mm		PBS page 1160	PB page 1160	RPB page 1160		RAT page 1162
GRAE...NPP-B d = 20 to 60 mm						
GE...KRR-B d = 17 to 60 mm		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately	Housing and bearing to be ordered separately		Housing and bearing to be ordered separately
GE...KTT-B d = 20 to 60 mm		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately			Housing and bearing to be ordered separately
GE...KLL-B d = 20 to 50 mm		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately			Housing and bearing to be ordered separately
GLE...KRR-B d = 20 to 60 mm		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately			Housing and bearing to be ordered separately
GSH...-2RSR-B d = 20 to 50 mm		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately			Housing and bearing to be ordered separately
(G)AY...NPP-B d = 12 to 60 mm		Housing and bearing to be ordered separately	PBY page 1160			RATY page 1162
GYE...KRR-B d = 12 to 60 mm		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately			Housing and bearing to be ordered separately

Catalogue range, for dimension tables see pages indicated.

Other dimensions and combinations available by agreement.

 Combinations not possible or not advisable.

Three-bolt flanged housings					
					
FLAN..-CSLT FLAN..-CST	FLAN..-RCSMF GRG..-RCSM	FLAN..-MSB (2 pieces)	FLAN..-MSA FLAN..-MSB	FLAN..-LSTR (2 pieces)	FLAN..-MSTR (2 pieces)
PCSLT page 1162				RALTR page 1166	
	RCSMF page 1164	RA page 1168			RATR page 1166
		RA page 1168	GRA page 1168		
		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately		RRTR page 1166
		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately		Housing and bearing to be ordered separately
		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately		Housing and bearing to be ordered separately
		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately		Housing and bearing to be ordered separately
		Housing and bearing to be ordered separately	Housing and bearing to be ordered separately		Housing and bearing to be ordered separately
		RAY page 1168			RATRY page 1166
		RRY page 1168	GRRY page 1168		Housing and bearing to be ordered separately



Housing units

Design and safety guidelines

INA radial insert ball bearings and housings are matched to each other and, as a unit, give particularly robust and economical bearing arrangements.

Compensation of misalignments

Units with a spherical outer ring and concave housing bore can compensate for static misalignment of the shaft, *Figure 6*:

- if relubrication is used, up to $\pm 2,5^\circ$
- if relubrication is not used, up to $\pm 5^\circ$.

Caution!

The units must not be used to support swivelling or tumbling motion.

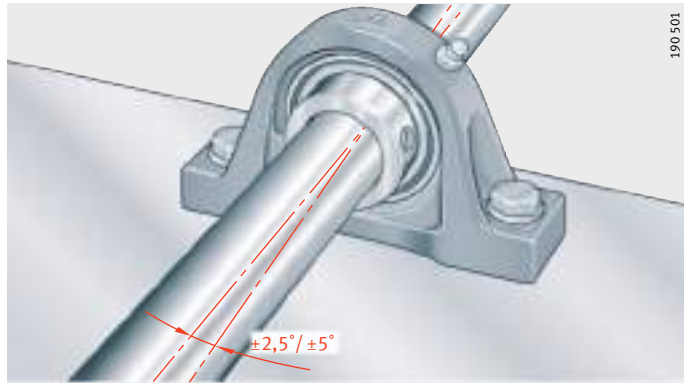


Figure 6
Compensation
of static shaft misalignment

Load carrying capacity of housings

Caution!

Due to their versatile characteristics, INA housed bearing units can be easily used in almost all industrial sectors. If bearing arrangements are planned for equipment in which a malfunction could be hazardous to persons or an unplanned stoppage of the machine could cause major disruption, it is essential that you consult us before proceeding with the design.

Cast iron housings – radial load carrying capacity

Cast iron housings can support the same radial loads as the radial insert ball bearings fitted. The static load carrying capacity of radial insert ball bearings C_{0r} is stated in the dimension tables.

For shock loads, appropriate safety factors must be applied. In this case, please contact us.

Caution!

In the case of TUE and TUEO, the maximum radial tensile loading is only $0,25 \times C_{0r}$ (for higher loads, please contact us).

Axial load carrying capacity

The axial load carrying capacity of cast iron housings is restricted to $0,50 \times C_{0r}$.

Sheet steel housings – radial load carrying capacity

Sheet steel housings are suitable for moderate loads.

The permissible radial load carrying capacity C_{0rG} is given in the dimension tables.

Axial load carrying capacity

The permissible axial load carrying capacity of sheet steel housings is shown in the table.

Permissible axial load carrying capacity

Units with sheet steel housings	Permissible axial load carrying capacity ¹⁾
MSTU	$0,20 \times C_{0rG}$
PHUSE	$0,25 \times C_{0rG}$
PB, PBY, RPB	$0,33 \times C_{0rG}$
PBS	$0,20 \times C_{0rG}$
RALTR, RATR, RATRY, RRTR	$0,50 \times C_{0rG}$
PCSLT, RAT, RATY, RALT	$0,50 \times C_{0rG}$
RCSMF	$0,33 \times C_{0rG}$
RA, RAY, GRA, RRY, GRRY	$0,50 \times C_{0rG}$

¹⁾ C_{0rG} is the permissible radial load carrying capacity of the sheet steel housing according to the dimension table.



Load carrying capacity and speed limits of radial insert ball bearings

Caution!

In the design of housing units, attention must be paid to the load carrying capacity and speed limits of the radial insert ball bearings fitted:

- axial load carrying capacity, see page 1048
- speed limits, see page 1049
- dimension tables.

Housing units

Design of adjacent construction

The permissible shaft tolerance is dependent on the speed, load and the insert bearing fitted. Shafts of tolerance zone h6 to h9 can be used. Conventional drawn shafts will suffice for most applications.

Screw mounting surfaces

Recommendations for the screw mounting surfaces:

- roughness of the screw mounting surface max. $R_a 12,5$ ($R_z 63$)
- geometrical tolerance 0,04/100 concave, spherical not permissible.

Fixing screws

The screw connection should be designed according to VDI 2230; friction value $\mu = 0,14$. Screws of grade 8.8 or better can be used. For fixing, hexagonal socket head screws to DIN EN ISO 4 762 should be used. The screws should be secured by at least a washer to DIN EN ISO 7 089/7 090 or additionally with a lock washer to DIN 128 or a conical spring washer to DIN 6 796.

The screws are not included in the delivery.

Bearing end caps

In order to cover the shaft ends, bearing end caps made from plastic (acrylic ester rubber) are available, table, *Figure 7*. The caps are suitable for temperatures from -20 °C to $+80\text{ °C}$. They protect against injury due to rotating shafts and also protect the bearings against contamination.

For fixing of the caps, housings with the suffix N have an annular groove on the side with the locating slot. Fitting of the caps is described on page 1102.

The series for which end caps are supplied are indicated in the dimension tables. Bearing end caps are accessories and must always be ordered separately.

End caps

Bearing end caps Designation	Dimensions			
	d	D	L	E max.
KASK04	20	48	36	30
KASK05	25	54	38	30
KASK06	30	63	44	35
KASK07	35	73	47	39
KASK08	40	82	51	42
KASK10	50	92	56	46
KASK12	60	112	65	55

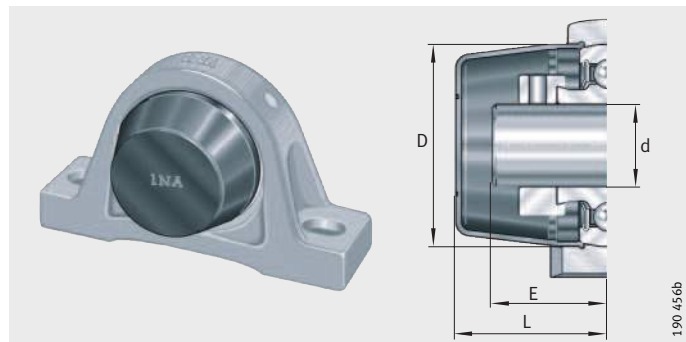


Figure 7

Plummer block housing unit with bearing end cap

Fitting and dismantling

Radial insert ball bearings must be handled with care before and during assembly. Their trouble-free operation is also dependent on the care taken in fitting.

Delivered condition

The housings have a coating of anthracite grey primer ($\approx$ RAL 7016). The radial insert ball bearings are greased; for information on the grease used, see table Features of radial insert ball bearings – comparison of series, page 1046.

Storage/storage period

The units should be stored:

- in dry, clean rooms with the temperature as constant as possible
- at a maximum relative humidity of max. 65%.

The storage period of radial insert ball bearings is limited by the storage life of the grease, see section Lubrication.

Removal from packaging

Perspiration causes corrosion. Hands should be kept clean and dry. Bearings should not be removed from their original packaging until immediately before assembly.

Guidelines for fitting

Caution!

If cast iron housings and bearings are not supplied by INA as ready-to-fit units but are instead combined by the customer, the following guidelines should be followed:

- if the fit is too loose, grease can escape between the housing and bearing and will not therefore reach the bearing during relubrication
- if the fit is too tight, the bearing outer ring cannot align itself within the housing bore.

The assembly area should be as dry and clean as possible.

First, bolt the housing to the adjacent construction, then locate the inner bearing ring on the shaft – if this sequence is followed, the bearing will align itself to the shaft such that stresses do not occur.

Provide the fitting tools and fixing screws.

Clean the shaft and remove any burrs.

Inspect the bearing seating surfaces on the shaft.

Keep bearing seating surfaces clean, dry and free of grease.

Caution!

The specified tolerances must be observed.

Fitting forces must never be directed through the rolling elements.

Blows must never be applied directly to the bearing rings and seals.

Fitting of plated components

Before fitting, the compatibility of products plated with Corrotect® with the media should be checked.

The tolerances are increased by the thickness of the plating.

In order to reduce the forces involved in pressing-in, the surface of the parts should be lightly greased or a mounting paste used.



Housing units

Fitting of cast iron units – plummer block and flanged housing units

Push the housing unit onto the shaft and align it with the fixing holes in the adjacent construction, *Figure 8*.

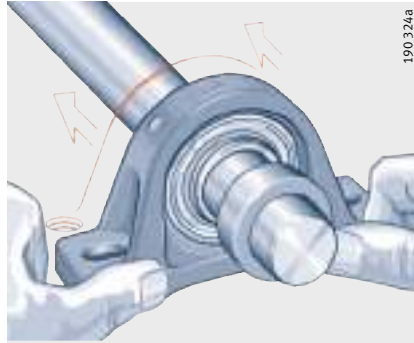


Figure 8

Pushing the unit onto the shaft

Mount the housing on the adjacent construction using the fixing screws, *Figure 9*.

If the shaft is to be supported by several housing units, tighten the screws finger tight at first, align the shaft and then tighten the screws securely.

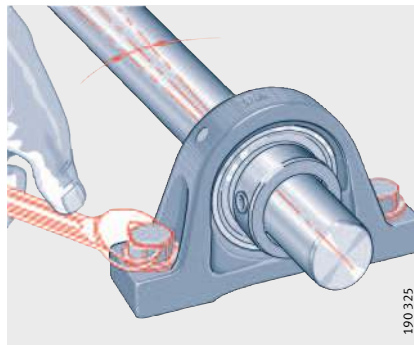


Figure 9

Screw mounting
the housing finger tight

Slide the eccentric locking collar onto the collar seating on the bearing inner ring and rotate by hand, preferably in the direction of shaft rotation, *Figure 10*.

Using a drift and hammer, tension the eccentric locking collar by means of one or two strong blows, *Figure 10*.

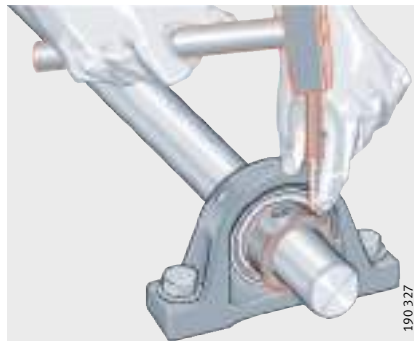


Figure 10

Tensioning
the eccentric locking collar

For location using a locking collar, tighten the grub screw by means of a torque wrench, *Figure 11*.

For location using grub screws in the inner ring, tighten both grub screws by means of a torque wrench.

Caution! Observe the tightening torque M_A according to the table.

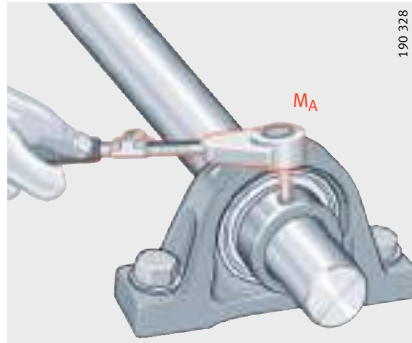


Figure 11
Tightening the grub screw
in the eccentric locking collar or
inner ring

Dismantling

For bearings with an eccentric locking collar, undo the grub screw and rotate the locking collar in the opposite direction to the direction of shaft rotation.

For bearings with grub screws in the inner ring, undo both grub screws.

Unbolt the housing.

Tightening torques for grub screws

Width across flats A/F mm	Thread	Tightening torque ¹⁾ M_A Nm
2,5	M5	3,6
3	M6×0,75	6
4	M8×1	14
5	M10×1,25	26
6	M12, M12×1,25 ²⁾	42

¹⁾ The tightening torques are valid for original INA grub screws only.

²⁾ GYE90-KRR-B.



Housing units

Fitting of cast iron units – radial insert ball bearings with integral adapter sleeve

The bearing seatings on the shaft and outside surface of the adapter must be dry and free of grease.

Push the housing unit onto the shaft and align it with the fixing holes in the adjacent construction, *Figure 12*.

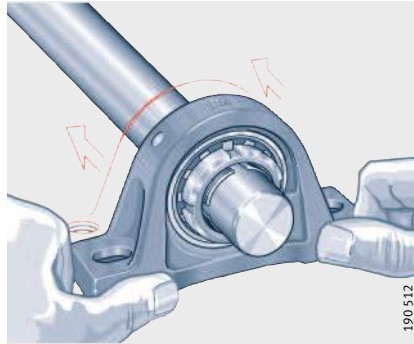


Figure 12

Pushing the unit onto the shaft

Mount the housing on the adjacent construction using the fixing screws, *Figure 13*. If the shaft is to be supported by several housing units, tighten the screws finger tight at first, align the shaft and then tighten the screws securely.

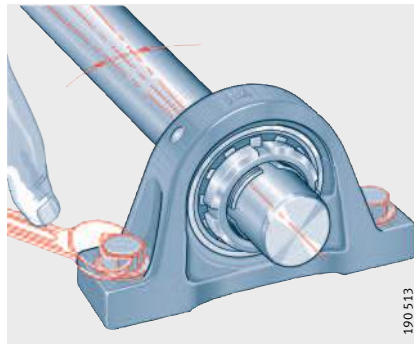


Figure 13

Screw mounting
the housing finger tight

Tighten the locknut using 2 hook wrenches of type A to DIN 1810-5; for tightening, the adapter sleeve must be located using a second hook wrench, *Figure 14*. Wrenches for tightening and counter-tensioning; see table.

Caution! Do not exceed the maximum tightening torque M_A given in the table, otherwise the operating clearance in the bearing will become too small. Driving the locknut up will slightly displace the bearing in an axial direction.

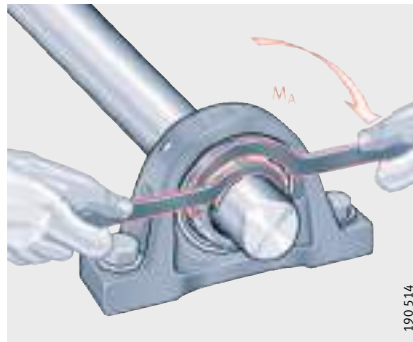


Figure 14
Tightening of locknut

Bend the tab on the tab washer into a groove in the locknut to secure the nut against loosening, *Figure 15*.

Caution! Ensure that the seal in the bearing is not damaged when bending the locking tab over.

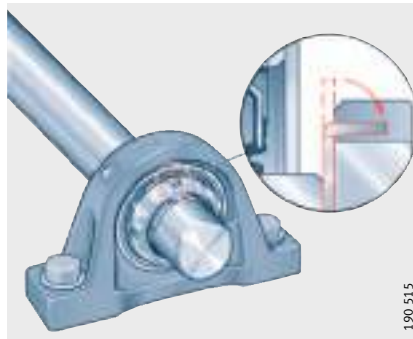


Figure 15
Securing of locknut



Dismantling

Bend back the tab on the tab washer and undo the locknut by a few turns. Place the impact cap in front of the locknut and drive the adapter sleeve off the shaft seat using hammer blows. Unbolt the housing.

Hook wrenches and tightening torques

Shaft diameter d mm	Hook wrench, type A, to DIN 1810 A		Tightening torque Locknut	
	For tightening locknut	For countertensioning adapter sleeve	$M_{A \min}$ Nm	$M_{A \max}$ Nm
20	A 30–32 (HN 4)	A 25–28 (HN 2)	13	17
25	A 40–42 (HN 5)	A 30–32 (HN 3)	22	28
30	A 45–50 (HN 6)	A 34–36 (HN 4)	33	40
35	A 52–55 (HN 7)	A 40–42 (HN 5)	47	56
40	A 58–62 (HN 8)	A 45–50 (HN 6)	70	80
50	A 68–75 (HN 10)	A 52–55 (HN 7)	90	105

Housing units

Fitting of bearing end caps

Caution!

Description of bearing end caps: see page 1096.

Bearing end caps should only be fitted or dismantled while the shaft is stationary. If the shaft is rotating, there is a high risk of injury.

Position the tabs of the end cap in the locating slots, noting the position of the INA logo, *Figure 16*.

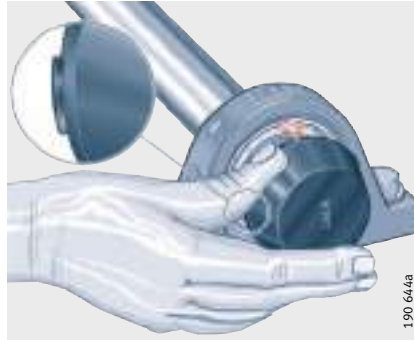


Figure 16
Positioning the cap

Rotate the end cap clockwise by 90°, noting the position of the INA logo, *Figure 17*. Check that the end cap is secured properly in the housing.

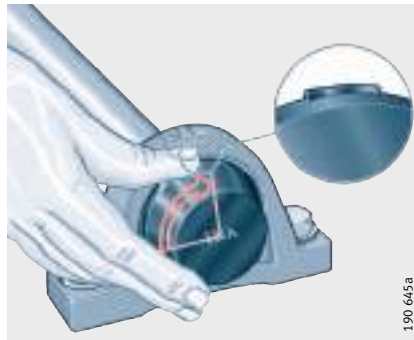


Figure 17
Locking the cap in place

Dismantling

Loosen the end cap by rotating it in the opposite direction (90°), noting the position of the INA logo, *Figure 18*.

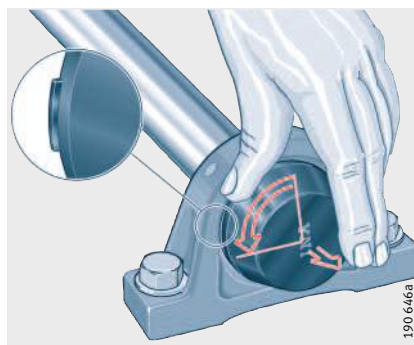


Figure 18
Removing the cap

Fitting of sheet steel units with eccentric locking collar/ grub screws in inner ring

Caution!

With two-piece housings, the housing and radial insert ball bearing should be assembled first.

Push the housing unit onto the shaft and align it with the fixing holes in the adjacent construction, *Figure 19*.



Figure 19

Pushing the unit onto the shaft

Mount the housing on the adjacent construction using the fixing screws, *Figure 20*. If the shaft is to be supported by several housing units, tighten the screws finger tight at first, align the shaft and then tighten the screws securely.



Figure 20

Screw mounting
the housing finger tight



Housing units

Slide the eccentric locking collar onto the collar seating on the bearing inner ring and rotate by hand, preferably in the direction of shaft rotation.

Using a drift and hammer, tension the eccentric locking collar by means of one or two strong blows, *Figure 21*.



Figure 21
Tensioning
the eccentric locking collar

For location using a locking collar, tighten the grub screw by means of a torque wrench, *Figure 22*.

For location using grub screws in the inner ring, tighten both grub screws by means of a torque wrench.

Caution! Observe the tightening torque M_A according to the table, page 1099.

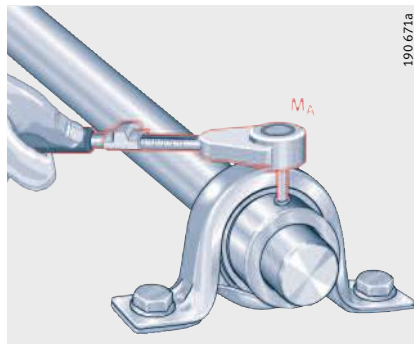


Figure 22
Tightening the grub screw
in the eccentric locking collar or
inner ring

Dismantling

For bearings with an eccentric locking collar, undo the grub screw and rotate the locking collar in the opposite direction to the direction of shaft rotation.

For bearings with grub screws in the inner ring, undo both grub screws.

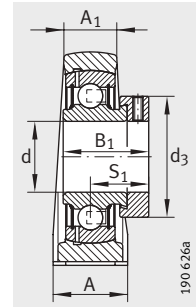
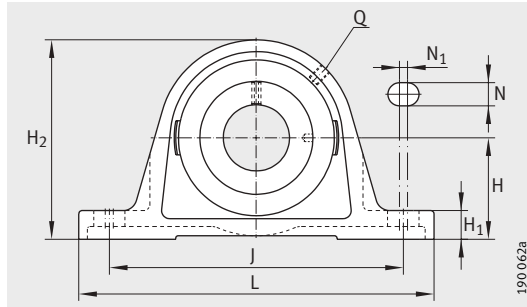
Unbolt the housing.

Accuracy	The housings correspond predominantly to DIN 626-2 and ISO 3 228, insofar as they are described therein. Series with the suffix -JIS are designed in accordance with the “Japanese Industry Standard” JIS B 1559. Accuracy of fitted radial insert ball bearings: see page 1050.
Cast iron housings	The dimensional tolerances for the machined surfaces of cast iron housings are $\pm 0,25$ mm. The dimensional tolerances for unmachined as well as machined to unmachined surfaces correspond to GTB 14 DIN 1680-2. For the JIS design, the dimensional tolerances correspond to ISO 8 062/CT10.
Sheet steel housings	The bearing seat of sheet steel housings is designed such that the bearing is securely seated in the housing when the housing parts are bolted together.



Plummer block housing units

Cast iron housings
with long base



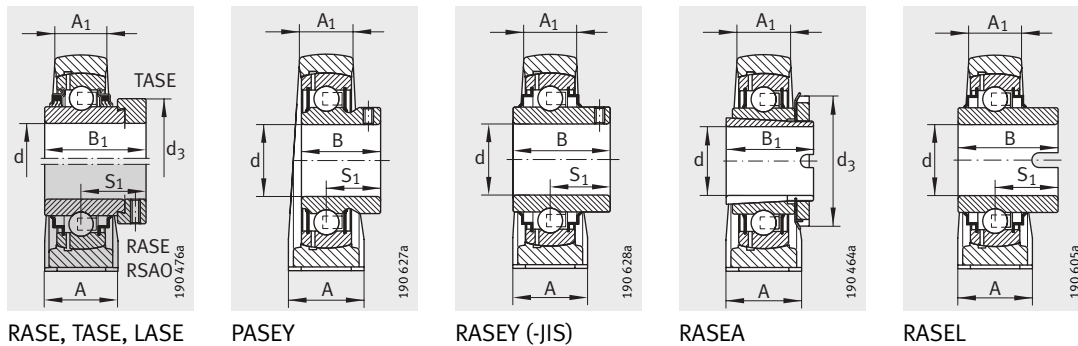
PASE (-FA125), RASE (-FA125, -FA164), TASE, LASE,
PASEY, RASEY (-JIS), RASEA, RASEL

PASE

Dimension table · Dimensions in mm									
Designation			Mass m ≈ kg	Dimensions					
Unit	Housing	Radial insert ball bearing		d	H	J	L	A	A ₁
PASE12	GG.ASE03	GRAE12-NPP-B	0,46	12	30,2	95	125	30	18
PASEY12	GG.ASE03	GAY12-NPP-B	0,44	12	30,2	95	125	30	18
RASEY12	GG.ASE03	GYE12-KRR-B	0,45	12	30,2	95	125	30	18
PASE15	GG.ASE03	GRAE15-NPP-B	0,46	15	30,2	95	125	30	18
PASEY15	GG.ASE03	GAY15-NPP-B	0,43	15	30,2	95	125	30	18
RASEY15	GG.ASE03	GYE15-KRR-B	0,45	15	30,2	95	125	30	18
RASEY16	GG.ASE03	GYE16-KRR-B	0,45	16	30,2	95	125	30	18
PASE17	GG.ASE03	GRAE17-NPP-B	0,46	17	30,2	95	125	30	18
RASE17	GG.ASE03	GE17-KRR-B	0,5	17	30,2	95	125	30	18
PASEY17	GG.ASE03	GAY17-NPP-B	0,42	17	30,2	95	125	30	18
RASEY17	GG.ASE03	GYE17-KRR-B	0,45	17	30,2	95	125	30	18
PASE20-N	GG.ASE04-E-N	GRAE20-NPP-B	0,55	20	33,3	97	130	32	19
PASE20-N-FA125	GG.ASE04-E-N-FA125.1	GRAE20-NPP-B-FA125.5	0,55	20	33,3	97	130	32	19
RASE20-N	GG.ASE04-E-N	GE20-KRR-B	0,59	20	33,3	97	130	32	19
RASE20-N-FA125	GG.ASE04-E-N-FA125.1	GE20-KRR-B-FA125.5	0,59	20	33,3	97	130	32	19
RASE20-FA164¹⁾	GG.ASE04-E-N	GE20-KRR-B-FA164	0,59	20	33,3	97	130	32	19
TASE20-N	GG.ASE04-E-N	GE20-KTT-B	0,59	20	33,3	97	130	32	19
LASE20-N	GG.ASE04-E-N	GE20-KLL-B	0,59	20	33,3	97	130	32	19
PASEY20-N	GG.ASE04-E-N	GAY20-NPP-B	0,52	20	33,3	97	130	32	19
RASEY20-N	GG.ASE04-E-N	GYE20-KRR-B	0,56	20	33,3	97	130	32	19
RASEY20-JIS	GG.P204	GYE20-KRR-B-FA107	0,63	20	33,3	95	127	38	22
RASEA20-N	GG.ASE04-E-N	GSH20-2RSR-B	0,51	20	33,3	97	130	32	19
RASEL20-N	GG.ASE04-E-N	GLE20-KRR-B	0,58	20	33,3	97	130	32	19
PASE25-N	GG.ASE05-N	GRAE25-NPP-B	0,64	25	36,5	103	130	36	21
PASE25-N-FA125	GG.ASE05-N-FA125.1	GRAE25-NPP-B-FA125.5	0,64	25	36,5	103	130	36	21
RASE25-N	GG.ASE05-N	GE25-KRR-B	0,7	25	36,5	103	130	36	21
RASE25-N-FA125	GG.ASE05-N-FA125.1	GE25-KRR-B-FA125.5	0,7	25	36,5	103	130	36	21
RASE25-FA164¹⁾	GG.ASE05-N	GE25-KRR-B-FA164	0,7	25	36,5	103	130	36	21
TASE25-N	GG.ASE05-N	GE25-KTT-B	0,7	25	36,5	103	130	36	21
LASE25-N	GG.ASE05-N	GE25-KLL-B	0,7	25	36,5	103	130	36	21
PASEY25-N	GG.ASE05-N	GAY25-NPP-B	0,61	25	36,5	103	130	36	21
RASEY25-N	GG.ASE05-N	GYE25-KRR-B	0,65	25	36,5	103	130	36	21
RASEY25-JIS	GG.P205	GYE25-KRR-B-FA107	0,79	25	36,5	105	140	38	23
RASEA25-N	GG.ASE05-N	GSH25-2RSR-B	0,6	25	36,5	103	130	36	21
RASEL25-N	GG.ASE05-N	GLE25-KRR-B	0,67	25	36,5	103	130	36	21

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

²⁾ To be ordered separately.

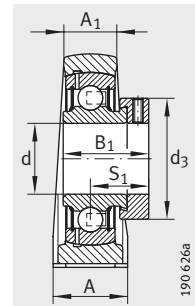
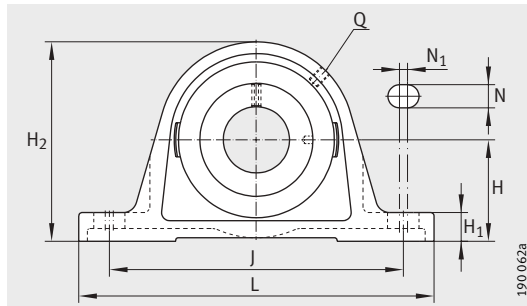


									Basic load ratings		End cap ²⁾
H ₁	H ₂	N	N ₁	B	B ₁	S ₁	Q	d ₃ max.	dyn. C _r N	stat. C _{0r} N	
10	57	11	8	–	28,6	22,1	M6	28	9 800	4 750	–
10	57	11	8	22	–	16	M6	–	9 800	4 750	–
10	57	11	8	27,4	–	15,9	M6	–	9 800	4 750	–
10	57	11	8	–	28,6	22,1	M6	28	9 800	4 750	–
10	57	11	8	22	–	16	M6	–	9 800	4 750	–
10	57	11	8	27,4	–	15,9	M6	–	9 800	4 750	–
10	57	11	8	27,4	–	15,9	M6	–	9 800	4 750	–
10	57	11	8	–	28,6	22,1	M6	28	9 800	4 750	–
10	57	11	8	–	37,4	23,4	M6	28	9 800	4 750	–
10	57	11	8	22	–	16	M6	–	9 800	4 750	–
10	57	11	8	27,4	–	15,9	M6	–	9 800	4 750	–
14,5	64	11	8	–	31	23,5	R _p 1/8	33	12 800	6 600	KASK04
14,5	64	11	8	–	31	23,5	R _p 1/8	33	12 800	6 600	KASK04
14,5	64	11	8	–	43,7	26,6	R _p 1/8	33	12 800	6 600	KASK04
14,5	64	11	8	–	43,7	26,6	R _p 1/8	33	12 800	6 600	KASK04
14,5	64	11	8	–	43,7	26,6	R _p 1/8	33	12 800	6 600	–
14,5	64	11	8	–	43,7	26,6	R _p 1/8	33	12 800	6 600	KASK04
14,5	64	11	8	–	43,7	26,6	R _p 1/8	33	12 800	6 600	KASK04
14,5	64	11	8	25	–	18	R _p 1/8	33	12 800	6 600	KASK04
14,5	64	11	8	31	–	18,3	R _p 1/8	–	12 800	6 600	KASK04
14	65	13	6	31	–	18,3	M6	–	12 800	6 600	–
14,5	64	11	8	–	28	–	R _p 1/8	32	12 700	6 600	KASK04
14,5	64	11	8	34,1	–	18,5	R _p 1/8	–	12 800	6 600	KASK04
14,5	70	11	8	–	31	23,5	R _p 1/8	37,5	14 000	7 800	KASK05
14,5	70	11	8	–	31	23,5	R _p 1/8	37,5	14 000	7 800	KASK05
14,5	70	11	8	–	44,5	26,9	R _p 1/8	37,5	14 000	7 800	KASK05
14,5	70	11	8	–	44,5	26,9	R _p 1/8	37,5	14 000	7 800	KASK05
14,5	70	11	8	–	44,5	26,9	R _p 1/8	37,5	14 000	7 800	–
14,5	70	11	8	–	44,5	26,9	R _p 1/8	37,5	14 000	7 800	KASK05
14,5	70	11	8	–	44,5	26,9	R _p 1/8	37,5	14 000	7 800	KASK05
14,5	70	11	8	27	–	19,5	R _p 1/8	–	14 000	7 800	KASK05
14,5	70	11	8	34,1	–	19,6	R _p 1/8	–	14 000	7 800	KASK05
15	71	13	6	34,1	–	19,8	M6	–	14 000	7 800	–
14,5	70	11	8	–	28	–	R _p 1/8	38	13 600	7 800	KASK05
14,5	70	11	8	34,9	–	20,2	R _p 1/8	–	14 000	7 800	KASK05



Plummer block housing units

Cast iron housings
with long base



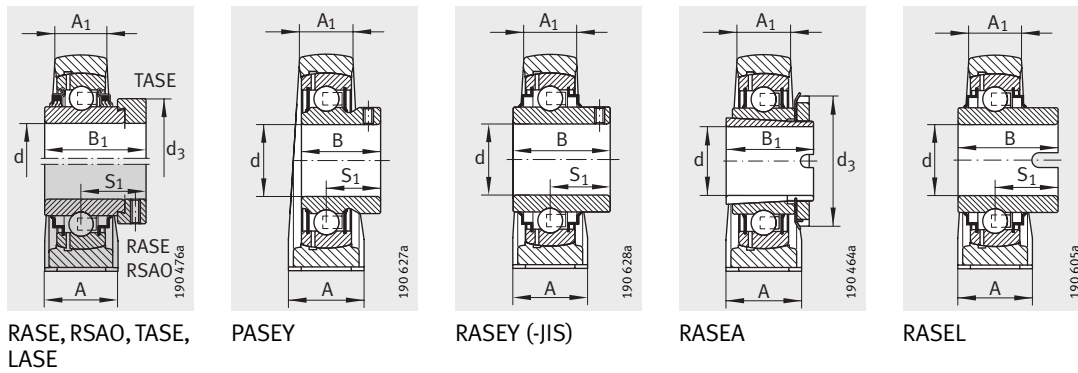
PASE (-FA125), RASE (-FA125, -FA164), TASE, LASE,
RSAO, PASEY, RASEY (-JIS), RASEA, RASEL

PASE

Dimension table (continued) - Dimensions in mm									
Designation			Mass	Dimensions					
Unit	Housing	Radial insert ball bearing	m ≈kg	d	H	J	L	A	A ₁
PASE30-N	GG.ASE06-N	GRAE30-NPP-B	1,04	30	42,9	118	158	40	25
PASE30-N-FA125	GG.ASE06-N-FA125.1	GRAE30-NPP-B-FA125.5	1,04	30	42,9	118	158	40	25
RASE30-N	GG.ASE06-N	GE30-KRR-B	1,11	30	42,9	118	158	40	25
RASE30-N-FA125	GG.ASE06-N-FA125.1	GE30-KRR-B-FA125.5	1,11	30	42,9	118	158	40	25
RASE30-FA164¹⁾	GG.ASE06-N	GE30-KRR-B-FA164	1,11	30	42,9	118	158	40	25
TASE30-N	GG.ASE06-N	GE30-KTT-B	1,12	30	42,9	118	158	40	25
LASE30-N	GG.ASE06-N	GE30-KLL-B	1,11	30	42,9	118	158	40	25
RSAO30	GG.SAO06	GNE30-KRR-B	1,8	30	50	140	180	50	28
PASEY30-N	GG.ASE06-N	GAY30-NPP-B	0,98	30	42,9	118	158	40	25
RASEY30-N	GG.ASE06-N	GYE30-KRR-B	1,06	30	42,9	118	158	40	25
RASEY30-JIS	GG.P206	GYE30-KRR-B-FA107	1,3	30	42,9	121	165	48	26
RASEA30-N	GG.ASE06-N	GSH30-2RSR-B	1	30	42,9	118	158	40	25
RASEL30-N	GG.ASE06-N	GLE30-KRR-B	1,03	30	42,9	118	158	40	25
PASE35-N	GG.ASE06-N	GRAE35-NPP-B	1,53	35	47,6	126	163	45	27
PASE35-N-FA125	GG.ASE07-N-FA125.1	GRAE35-NPP-B-FA125.5	1,53	35	47,6	126	163	45	27
RASE35-N	GG.ASE07-N	GE35-KRR-B	1,6	35	47,6	126	163	45	27
RASE35-N-FA125	GG.ASE07-N-FA125.1	GE35-KRR-B-FA125.5	1,6	35	47,6	126	163	45	27
RASE35-FA164¹⁾	GG.ASE07-N	GE35-KRR-B-FA164	1,6	35	47,6	126	163	45	27
TASE35-N	GG.ASE07-N	GE35-KTT-B	1,61	35	47,6	126	163	45	27
LASE35-N	GG.ASE07-N	GE35-KLL-B	1,6	35	47,6	126	163	45	27
RSAO35	GG.SAO07	GNE35-KRR-B	2,75	35	56	160	210	56	30
PASEY35-N	GG.ASE07-N	GAY35-NPP-B	1,44	35	47,6	126	163	45	27
RASEY35-N	GG.ASE07-N	GYE35-KRR-B	1,54	35	47,6	126	163	45	27
RASEY35-JIS	GG.P207	GYE35-KRR-B-FA107	1,41	35	47,6	127	167	48	27
RASEA35-N	GG.ASE07-N	GSH35-2RSR-B	1,48	35	47,6	126	163	45	27

¹⁾ With lubrication nipple DIN 71 412-AR 1/8.

²⁾ To be ordered separately.

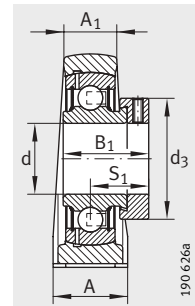
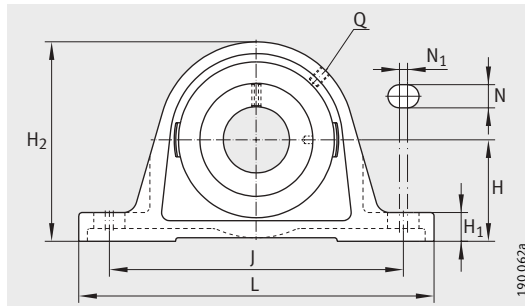


									Basic load ratings		End cap ²⁾
H ₁	H ₂	N	N ₁	B	B ₁	S ₁	Q	d ₃ max.	dyn. C _r N	stat. C _{0r} N	
17	82	14	8	–	35,8	26,7	R _p 1/8	44	19 500	11 300	KASK06
17	82	14	8	–	35,8	26,7	R _p 1/8	44	19 500	11 300	KASK06
17	82	14	8	–	48,5	30,1	R _p 1/8	44	19 500	11 300	KASK06
17	82	14	8	–	48,5	30,1	R _p 1/8	44	19 500	11 300	KASK06
17	82	14	8	–	48,5	30,1	R _p 1/8	44	19 500	11 300	–
17	82	14	8	–	48,5	30,1	R _p 1/8	44	19 500	11 300	KASK06
17	82	14	8	–	48,5	30,1	R _p 1/8	44	19 500	11 300	KASK06
18	95	17,5	3	–	50	32,5	R _p 1/8	51	29 500	16 700	–
17	82	14	8	30	–	21	R _p 1/8	–	19 500	11 300	KASK06
17	82	14	8	38,1	–	22,2	R _p 1/8	–	19 500	11 300	KASK06
17	83	17	4	38,1	–	22,2	M6	–	19 500	11 300	–
17	82	14	8	–	32	–	R _p 1/8	45	18 900	11 300	KASK06
17	82	14	8	36,5	–	22,5	R _p 1/8	–	19 500	11 300	KASK06
19	93	14	7	–	39	29,4	R _p 1/8	51	25 500	15 300	KASK07
19	93	14	7	–	39	29,4	R _p 1/8	51	25 500	15 300	KASK07
19	93	14	7	–	51,3	32,3	R _p 1/8	51	25 500	15 300	KASK07
19	93	14	7	–	51,3	32,3	R _p 1/8	51	25 500	15 300	KASK07
19	93	14	7	–	51,3	32,3	R _p 1/8	51	25 500	15 300	–
19	93	14	7	–	51,3	32,3	R _p 1/8	51	25 500	15 300	KASK07
19	93	14	7	–	51,3	32,3	R _p 1/8	51	25 500	15 300	KASK07
20	106	17,5	8	–	51,6	33,4	R _p 1/8	55	36 500	20 900	–
19	93	14	7	35	–	25,5	R _p 1/8	–	25 500	15 300	KASK07
19	93	14	7	42,9	–	25,4	R _p 1/8	–	25 500	15 300	KASK07
18	93	17	4	42,9	–	25,4	M6	–	25 500	15 300	–
19	93	14	7	–	34	–	R _p 1/8	52	24 900	15 300	KASK07



Plummer block housing units

Cast iron housings with long base



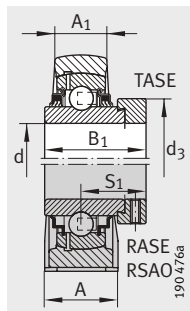
PASE (-FA125), RASE (-FA125, -FA164), TASE, LASE, RSAO, PASEY, RASEY (-JIS), RASEA, RASEL

PASE

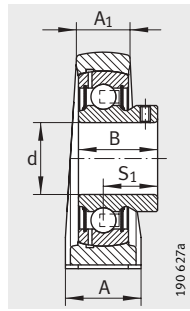
Dimension table (continued) - Dimensions in mm									
Designation			Mass	Dimensions					
Unit	Housing	Radial insert ball bearing	m ≈kg	d	H	J	L	A	A ₁
PASE40-N	GG.ASE/AK08-N	GRAE40-NPP-B	1,71	40	49,2	138	179	48	30
PASE40-N-FA125	GG.ASE/AK08-N-FA125.1	GRAE40-NPP-B-FA125.5	1,71	40	49,2	138	179	48	30
RASE40-N	GG.ASE/AK08-N	GE40-KRR-B	1,83	40	49,2	138	179	48	30
RASE40-N-FA125	GG.ASE/AK08-N-FA125.1	GE40-KRR-B-FA125.5	1,83	40	49,2	138	179	48	30
RASE40-FA164¹⁾	GG.ASE/AK08-N	GE40-KRR-B-FA164	1,83	40	49,2	138	179	48	30
TASE40-N	GG.ASE/AK08-N	GE40-KTT-B	1,86	40	49,2	138	179	48	30
LASE40-N	GG.ASE/AK08-N	GE40-KLL-B	1,83	40	49,2	138	179	48	30
RSAO40	GG.SAO08	GNE40-KRR-B	3,18	40	60	170	220	60	31
PASEY40-N	GG.ASE/AK08-N	GAY40-NPP-B	1,6	40	49,2	138	179	48	30
RASEY40-N	GG.ASE/AK08-N	GYE40-KRR-B	1,74	40	49,2	138	179	48	30
RASEY40-JIS	GG.P208	GYE40-KRR-B-FA107	1,68	40	49,2	137	184	54	30
RASEA40-N	GG.ASE/AK08-N	GSH40-2RSR-B	1,71	40	49,2	138	179	48	30
RASEL40-N	GG.ASE/AK08-N	GLE40-KRR-B	1,7	40	49,2	138	179	48	30
PASE45	GG.ASE09	GRAE45-NPP-B	2,09	45	54	150	192	48	32
PASE45-FA125	GG.ASE09-FA125.1	GRAE45-NPP-B-FA125.5	2,09	45	54	150	192	48	32
RASE45	GG.ASE09	GE45-KRR-B	2,21	45	54	150	192	48	32
RASE45-FA125	GG.ASE09-FA125.1	GE45-KRR-B-FA125.5	2,21	45	54	150	192	48	32
TASE45	GG.ASE09	GE45-KTT-B	2,26	45	54	150	192	48	32
LASE45	GG.ASE09	GE45-KLL-B	2,21	45	54	150	192	48	32
PASEY45	GG.ASE09	GAY45-NPP-B	1,95	45	54	150	192	48	32
RASEY45	GG.ASE09	GYE45-KRR-B	2,1	45	54	150	192	48	32
RASEY45-JIS	GG.P209	GYE45-KRR-B-FA107	2,07	45	54	146	190	54	30
RASEL45	GG.ASE09	GLE45-KRR-B	2,1	45	54	150	192	48	32
PASE50-N	GG.ASE10-N	GRAE50-NPP-B	2,47	50	57,2	158	200	54	34
PASE50-N-FA125	GG.ASE10-N-FA125.1	GRAE50-NPP-B-FA125.5	2,47	50	57,2	158	200	54	34
RASE50-N	GG.ASE10-N	GE50-KRR-B	2,7	50	57,2	158	200	54	34
RASE50-N-FA125	GG.ASE10-N-FA125.1	GE50-KRR-B-FA125.5	2,7	50	57,2	158	200	54	34
RASE50-FA164¹⁾	GG.ASE10-N	GE50-KRR-B-FA164	2,7	50	57,2	158	200	54	34
TASE50-N	GG.ASE10-N	GE50-KTT-B	2,76	50	57,2	158	200	54	34
LASE50-N	GG.ASE10-N	GE50-KLL-B	2,7	50	57,2	158	200	54	34

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

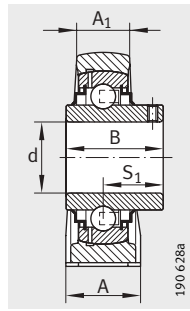
²⁾ To be ordered separately.



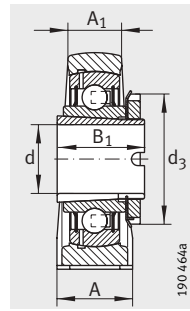
RASE, RSAO, TASE,
LASE



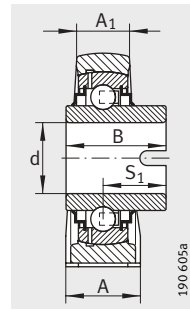
PASEY



RASEY (-JIS)



RASEA



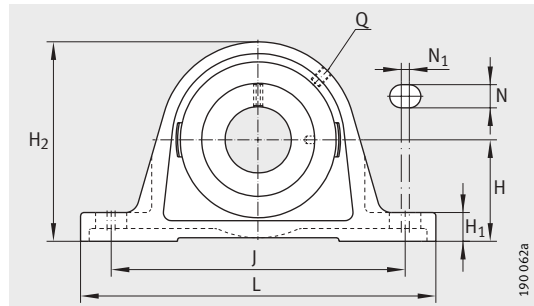
RASEL

									Basic load ratings		End cap ²⁾
H ₁	H ₂	N	N ₁	B	B ₁	S ₁	Q	d ₃ max.	dyn. C _r N	stat. C _{0r} N	
19	99	14	12	—	43,8	32,7	R _p 1/8	58	32 500	19 800	KASK08
19	99	14	12	—	43,8	32,7	R _p 1/8	58	32 500	19 800	KASK08
19	99	14	12	—	56,5	34,9	R _p 1/8	58	32 500	19 800	KASK08
19	99	14	12	—	56,5	34,9	R _p 1/8	58	32 500	19 800	KASK08
19	99	14	12	—	56,5	34,9	R _p 1/8	58	32 500	19 800	—
19	99	14	12	—	56,5	34,9	R _p 1/8	58	32 500	19 800	KASK08
19	99	14	12	—	56,5	34,9	R _p 1/8	58	32 500	19 800	KASK08
22	116	17,5	10	—	54,6	36,6	R _p 1/8	63	44 500	26 000	—
19	99	14	12	39,5	—	29	R _p 1/8	—	32 500	19 800	KASK08
19	99	14	12	49,2	—	30,2	R _p 1/8	—	32 500	19 800	KASK08
18	98	17	4	49,2	—	30,2	M6	—	32 500	19 800	—
19	99	14	12	—	38	—	R _p 1/8	58	29 500	19 800	KASK08
19	99	14	12	42,9	—	27	R _p 1/8	—	32 500	19 800	KASK08
21,5	107	14	15	—	42,8	32,7	R _p 1/8	63	32 500	20 400	—
21,5	107	14	15	—	43,8	32,7	R _p 1/8	63	32 500	20 400	—
21,5	107	14	15	—	56,5	34,9	R _p 1/8	63	32 500	20 400	—
21,5	107	14	15	—	56,5	34,9	R _p 1/8	63	32 500	20 400	—
21,5	107	14	15	—	56,5	34,9	R _p 1/8	63	32 500	20 400	—
21,5	107	14	15	—	56,5	34,9	R _p 1/8	63	32 500	20 400	—
21,5	107	14	15	41,5	—	30,5	R _p 1/8	—	32 500	20 400	—
21,5	107	14	15	49,2	—	30,2	R _p 1/8	—	32 500	20 400	—
20	106	17	4	49,2	—	30,2	M6	—	32 500	20 400	—
21,5	107	14	15	42,9	—	25,5	R _p 1/8	—	32 500	20 400	—
21,5	115	18	5	—	43,8	32,7	R _p 1/8	69	35 000	23 200	KASK10
21,5	115	18	5	—	43,8	32,7	R _p 1/8	69	35 000	23 200	KASK10
21,5	115	18	5	—	62,8	38,1	R _p 1/8	69	35 000	23 200	KASK10
21,5	115	18	5	—	62,8	38,1	R _p 1/8	69	35 000	23 200	KASK10
21,5	115	18	5	—	62,8	38,1	R _p 1/8	69	35 000	23 200	—
21,5	115	18	5	—	62,8	38,1	R _p 1/8	69	35 000	23 200	KASK10
21,5	115	18	5	—	62,8	38,1	R _p 1/8	69	35 000	23 200	KASK10



Plummer block housing units

Cast iron housings
with long base

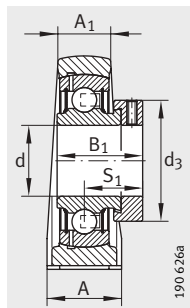


PASE (-FA125), RASE (-FA164), TASE, RSAO, PASEY, RASEY (-JIS), RASEA, RASEL

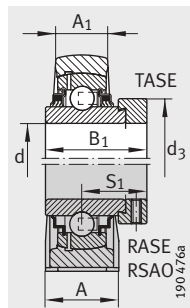
Dimension table (continued) · Dimensions in mm									
Designation			Mass	Dimensions					
Unit	Housing	Radial insert ball bearing	m	d	H	J	L	A	A ₁
			≈ kg						
RSAO50	GG.SAO10	GNE50-KRR-B	6,1	50	75	212	275	75	39
PASEY50-N	GG.ASE10-N	GAY50-NPP-B	2,32	50	57,2	158	200	54	34
RASEY50-N	GG.ASE10-N	GYE50-KRR-B	2,5	50	57,2	158	200	54	34
RASEY50-JIS	GG.P210	GYE50-KRR-B-FA107	2,57	50	57,2	159	206	60	32
RASEA50-N	GG.ASE10-N	GSH50-2RSR-B	2,09	50	57,2	158	200	54	34
RASEL50-N	GG.ASE10-N	GLE50-KRR-B	2,46	50	57,2	158	200	54	34
PASE55	GG.ASE11	GRAE55-NPP-B	2,79	55	63,5	176	222	60	35
RASE55	GG.ASE11	GE55-KRR-B	3,4	55	63,5	176	222	60	35
TASE55	GG.ASE11	GE55-KTT-B	3,47	55	63,5	176	222	60	35
RASEY55-JIS	GG.P211	GYE55-KRR-B-FA107	3,47	55	63,5	171	219	60	34
RASEY55	GG.ASE11	GYE55-KRR-B	3,08	55	63,5	176	222	60	35
PASE60-N	GG.ASE12-N	GRAE60-NPP-B	4,35	60	69,9	190	240	60	42
PASE60-N-FA125	GG.ASE12-N-FA125.1	GRAE60-NPP-B-FA125.5	4,35	60	69,9	190	240	60	42
RASE60-N	GG.ASE12-N	GE60-KRR-B	4,79	60	69,9	190	240	60	42
RASE60-FA164¹⁾	GG.ASE12-N	GE60-KRR-B-FA164	4,79	60	69,9	190	240	60	42
TASE60-N	GG.ASE12-N	GE60-KTT-B	4,79	60	69,9	190	240	60	42
RSAO60	GG.SAO12	GNE60-KRR-B	9	60	85	250	330	85	46
PASEY60-N	GG.ASE12-N	GAY60-NPP-B	4,02	60	69,9	190	240	60	42
RASEY60-N	GG.ASE12-N	GYE60-KRR-B	4,27	60	69,9	190	240	60	42
RASEY60-JIS	GG.P212	GYE60-KRR-B-FA107	4,53	60	69,8	184	241	70	36
RASEL60-N	GG.ASE12-N	GLE60-KRR-B	4,27	60	69,9	190	240	60	42
RASE65	GG.ASE14	GE65-214-KRR-B	6,41	65	79,4	203	260	65	44
TASE65	GG.ASE14	GE65-214-KTT-B	6,41	65	79,4	203	260	65	44
RASEY65	GG.ASE14	GYE65-214-KRR-B	5,95	65	79,4	203	260	65	44
RASE70	GG.ASE14	GE70-KRR-B	6,15	70	79,4	203	260	65	44
RASE70-FA164¹⁾	GG.ASE14	GE70-KRR-B-FA164	6,15	70	79,4	203	260	65	44
TASE70	GG.ASE14	GE70-KTT-B	6,15	70	79,4	203	260	65	44
RSAO70	GG.ASE14	GNE70-KRR-B	11	70	95	282	360	90	54
RASEY70	GG.ASE14	GYE70-KRR-B	5,65	70	79,4	203	260	65	44
RASEL70	GG.ASE14	GLE70-KRR-B	6,5	70	79,4	203	260	65	44
RASE75	GG.ASE15	GE75-KRR-B	7,65	75	82,5	210	265	66	48
RASE75-FA164¹⁾	GG.ASE15	GE75-KRR-B-FA164	7,65	75	82,5	210	265	66	48
TASE75	GG.ASE15	GE75-KTT-B	7,65	75	82,5	210	265	66	48
RASEY75	GG.ASE15	GYE75-KRR-B	7,19	75	82,5	210	265	66	48

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

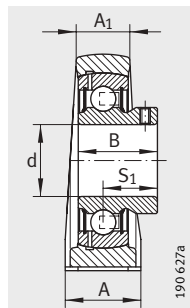
²⁾ To be ordered separately.



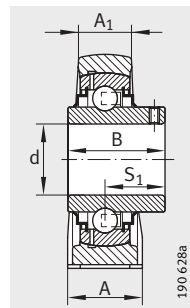
PASE



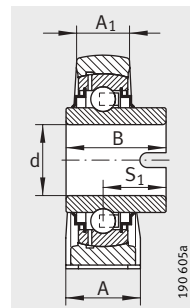
RASE, RSAO, TASE



PASEY



RASEY (-JIS)



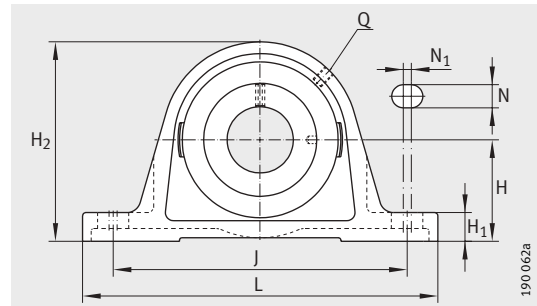
RASEL

									Basic load ratings		End cap ²⁾
H ₁	H ₂	N	N ₁	B	B ₁	S ₁	Q	d ₃ max.	dyn. C _r N	stat. C _{0r} N	
27	143	20	15	–	66,8	42,1	R _p 1/8	75,8	62 000	38 000	–
21,5	115	18	5	43	–	32	R _p 1/8	–	35 000	23 200	KASK10
21,5	115	18	5	51,6	–	32,6	R _p 1/8	–	35 000	23 200	KASK10
21	114	20	5	51,6	–	32,6	M6	–	35 000	23 200	–
21,5	115	18	5	–	40	–	R _p 1/8	70	33 000	19 900	KASK10
21,5	115	18	5	49,2	–	30,2	R _p 1/8	–	35 000	23 200	KASK10
22,5	124,5	18	12	–	48,4	36,4	R _p 1/8	76	43 500	29 000	–
22,5	124,5	18	12	–	71,4	43,6	R _p 1/8	76	43 500	29 000	–
22,5	124,5	18	12	–	71,4	43,6	R _p 1/8	76	43 500	29 000	–
23	126	20	5	55,6	–	33,4	M6	–	43 500	29 000	–
22,5	124,5	18	12	55,6	–	33,4	R _p 1/8	–	43 500	29 000	–
25	140	18	10	–	53,1	39,6	R _p 1/8	84	52 000	36 000	KASK12
25	140	18	10	–	53,1	39,6	R _p 1/8	84	52 000	36 000	KASK12
25	140	18	10	–	77,9	46,8	R _p 1/8	84	52 000	36 000	KASK12
25	140	18	10	–	77,9	46,8	R _p 1/8	84	52 000	36 000	–
25	140	18	10	–	77,9	46,8	R _p 1/8	84	52 000	36 000	KASK12
32	165	25	13	–	68,4	45,4	R _p 1/8	89	82 000	52 000	–
25	140	18	10	47	–	34	R _p 1/8	–	52 000	36 000	KASK12
25	140	18	10	65,1	–	39,7	R _p 1/8	–	52 000	36 000	KASK12
25	138	20	5	65,1	–	39,7	M6	–	52 000	36 000	–
25	140	18	10	61,9	–	37,3	R _p 1/8	–	52 000	36 000	KASK12
27,5	156	22	6	–	66	44,6	R _p 1/8	96	62 000	44 000	–
27,5	156	22	6	–	66	44,6	R _p 1/8	96	62 000	44 000	–
27,5	156	22	6	74,6	–	44,4	R _p 1/8	–	62 000	44 000	–
27,5	156	22	6	–	66	44,6	R _p 1/8	96	62 000	44 000	–
27,5	156	22	6	–	66	44,6	R _p 1/8	96	62 000	44 000	–
27,5	156	22	6	–	66	44,6	R _p 1/8	96	62 000	44 000	–
35	187	27	15	–	75,5	49,4	R _p 1/8	102	104 000	68 000	–
27,5	156	22	6	74,6	–	44,4	R _p 1/8	–	62 000	44 000	–
27,5	156	22	6	68,2	–	41,2	R _p 1/8	–	62 000	44 000	–
27,5	164	22	8	–	67	45,6	R _p 1/8	100	62 000	44 500	–
27,5	164	22	8	–	67	45,6	R _p 1/8	100	62 000	44 500	–
27,5	164	22	8	–	67	45,6	R _p 1/8	100	62 000	44 500	–
27,5	164	22	8	77,8	–	44,5	R _p 1/8	–	62 000	44 500	–



Plummer block housing units

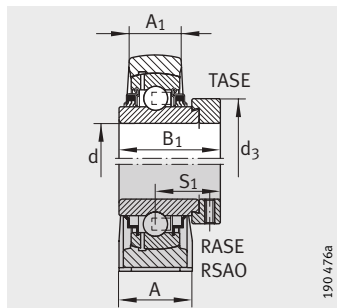
Cast iron housings
with long base



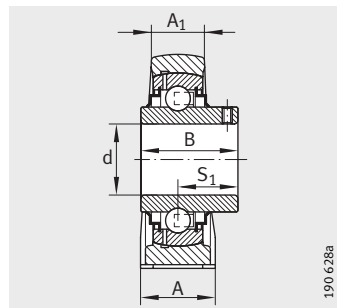
RASE (-FA164), TASE, RSAO, RASEY

Dimension table (continued) - Dimensions in mm							
Designation			Mass	Dimensions			
Unit	Housing	Radial insert ball bearing	m ≈kg	d	H	J	L
RASE80	GG.ASE16	GE80-KRR-B	8,65	80	89	232	290
RASE80-AH01-FA164¹⁾	GG.ASE16	GE80-KRR-B-AH01-FA164	8,65	80	89	232	290
TASE80	GG.ASE16	GE80-KTT-B	8,65	80	89	232	290
RSAO80	GG.SAO16	GNE80-KRR-B	22,5	80	116	315	390
RASEY80	GG.ASE16	GYE80-KRR-B	8,63	80	89	232	290
RASE90	GG.ASE18	GE90-KRR-B	12,12	90	101,6	268	330
RASE90-FA164¹⁾	GG.ASE18	GE90-KRR-B-FA164	12,12	90	101,6	268	330
RSAO90	GG.SAO18	GNE90-KRR-B	29,5	90	130	340	410
RASEY90	GG.ASE18	GYE90-KRR-B	12,6	90	101,6	268	330
RASE100	GG.ASE20	GE100-KRR-B	15,85	100	115	308	380
RSAO100	GG.SAO20	GNE100-KRR-B	41	100	145	375	440
RASE120	GG.ASE24	GE120-KRR-B	25,53	120	135	358	440

¹⁾ With lubrication nipple DIN 71412-AR 1/8.



RASE, RSAO, TASE



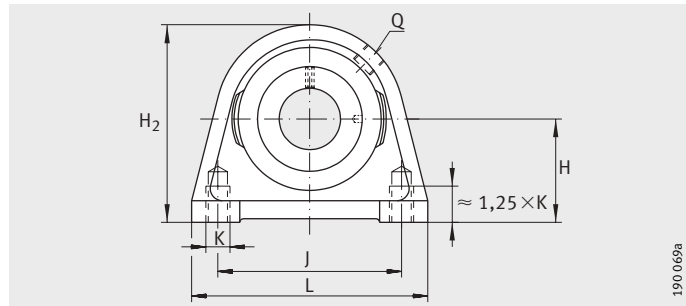
RASEY

											Basic load ratings	
A	A ₁	H ₁	H ₂	N	N ₁	B	B ₁	S ₁	Q	d ₃ max.	dyn. C _r N	stat. C _{0r} N
78	55	30	175	26	8	–	70,7	47,6	R _p 1/8	108	72 000	54 000
78	55	30	175	26	8	–	70,7	47,6	R _p 1/8	108	72 000	54 000
78	55	30	175	26	8	–	71	47,6	R _p 1/8	108	72 000	54 000
110	76	50	226	25,5	19	–	93,6	59,7	R _p 1/8	118	123 000	87 000
78	55	30	175	26	8	82,6	–	49,3	R _p 1/8	–	72 000	54 000
85	55	35	200	27	8	–	69,6	46,6	R _p 1/8	118	96 000	72 000
85	55	35	200	27	8	–	69,6	46,6	R _p 1/8	118	96 000	72 000
120	84	57	250	28	26	–	101	65,5	R _p 1/8	132	143 000	107 000
85	55	35	200	27	8	96	–	56,3	R _p 1/8	–	96 000	72 000
95	62	40	225	30	8	–	75	49,5	R _p 1/8	132	122 000	93 000
130	94	65	280	32	15	–	109,5	70	R _p 1/8	145	174 000	140 000
105	70	45	265	33	8	–	81	52,5	R _p 1/8	152	155 000	131 000



Plummer block housing units

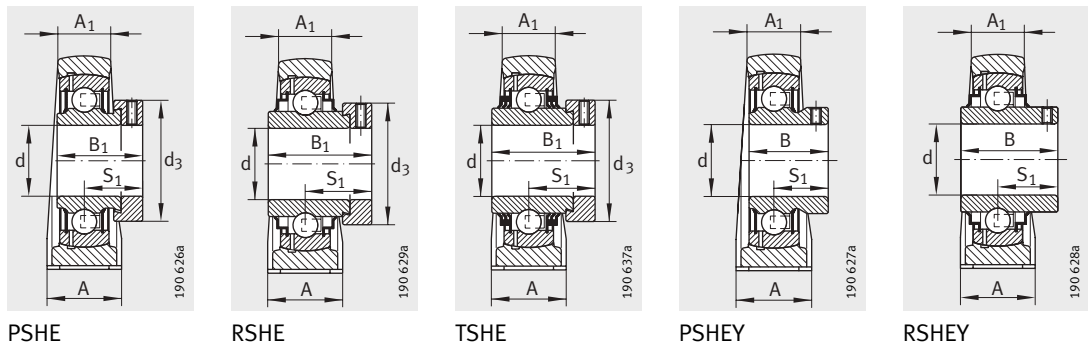
Cast iron housings
with short base



PSHE, RSHE, TSHE, PSHEY, RSHEY

Dimension table · Dimensions in mm							
Designation			Mass m ≈kg	Dimensions			
Unit	Housing	Radial insert ball bearing		d	H	A	A ₁
PSHE12	GG.SHE03	GRAE12-NPP-B	0,44	12	30,2	30	18
PSHEY12	GG.SHE03	GAY12-NPP-B	0,42	12	30,2	30	18
PSHE15	GG.SHE03	GRAE15-NPP-B	0,44	15	30,2	30	18
PSHEY15	GG.SHE03	GAY15-NPP-B	0,41	15	30,2	30	18
RSHEY15	GG.SHE03	GYE15-KRR-B	0,42	15	30,2	30	18
PSHE17	GG.SHE03	GRAE17-NPP-B	0,44	17	30,2	30	18
RSHE17	GG.SHE03	GE17-KRR-B	0,48	17	30,2	30	18
PSHEY17	GG.SHE03	GAY17-NPP-B	0,4	17	30,2	30	18
RSHEY17	GG.SHE03	GYE17-KRR-B	0,41	17	30,2	30	18
PSHE20-N	GG.SHE04-N	GRAE20-NPP-B	0,51	20	33,3	32	19
RSHE20-N	GG.SHE04-N	GE20-KRR-B	0,55	20	33,3	32	19
TSHE20-N	GG.SHE04-N	GE20-KTT-B	0,55	20	33,3	32	19
PSHEY20-N	GG.SHE04-N	GAY20-NPP-B	0,48	20	33,3	32	19
RSHEY20-N	GG.SHE04-N	GYE20-KRR-B	0,52	20	33,3	32	19
PSHE25-N	GG.SHE05-E-N	GRAE25-NPP-B	0,6	25	36,5	36	21
RSHE25-N	GG.SHE05-E-N	GE25-KRR-B	0,66	25	36,5	36	21
TSHE25-N	GG.SHE05-E-N	GE25-KTT-B	0,66	25	36,5	36	21
PSHEY25-N	GG.SHE05-E-N	GAY25-NPP-B	0,57	25	36,5	36	21
RSHEY25-N	GG.SHE05-E-N	GYE25-KRR-B	0,61	25	36,5	36	21
PSHE30-N	GG.SHE06-E-N	GRAE30-NPP-B	1,05	30	42,9	40	25
RSHE30-N	GG.SHE06-E-N	GE30-KRR-B	1,12	30	42,9	40	25
TSHE30-N	GG.SHE06-E-N	GE30-KTT-B	1,13	30	42,9	40	25
PSHEY30-N	GG.SHE06-E-N	GAY30-NPP-B	0,99	30	42,9	40	25
RSHEY30-N	GG.SHE06-E-N	GYE30-KRR-B	1,07	30	42,9	40	25
PSHE35-N	GG.SHE07-E-N	GRAE35-NPP-B	1,44	35	47,6	45	27
RSHE35-N	GG.SHE07-E-N	GE35-KRR-B	1,51	35	47,6	45	27
TSHE35-N	GG.SHE07-E-N	GE35-KTT-B	1,51	35	47,6	45	27
PSHEY35-N	GG.SHE07-E-N	GAY35-NPP-B	1,35	35	47,6	45	27
RSHEY35-N	GG.SHE07-E-N	GYE35-KRR-B	1,45	35	47,6	45	27

¹⁾ To be ordered separately.

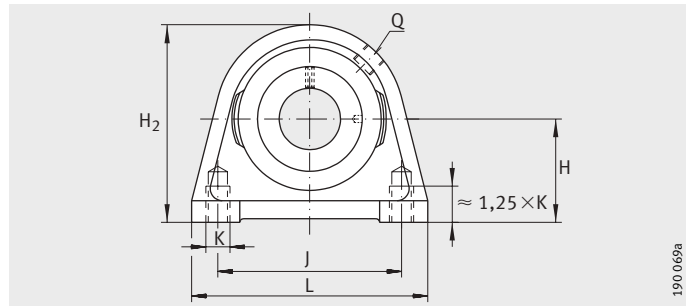


									Basic load ratings		End cap ¹⁾
H ₂	K	B	B ₁	J	S ₁	Q	d ₃ max.	L	dyn. C _r N	stat. C _{0r} N	
57	M8	–	28,6	47	22,1	M6	28	63	9 800	4 750	–
57	M8	22	–	47	16	M6	–	63	9 800	4 750	–
57	M8	–	28,6	47	22,1	M6	28	63	9 800	4 750	–
57	M8	22	–	47	16	M6	–	63	9 800	4 750	–
57	M8	27,4	–	47	15,9	M6	–	63	9 800	4 750	–
57	M8	–	28,6	47	22,1	M6	28	63	9 800	4 750	–
57	M8	–	37,4	47	23,4	M6	28	63	9 800	4 750	–
57	M8	22	–	47	16	M6	–	63	9 800	4 750	–
57	M8	27,4	–	47	15,9	M6	–	63	9 800	4 750	–
64	M8	–	31	50,8	23,5	R _p 1/8	33	65	12 800	6 600	KASK04
64	M8	–	43,7	50,8	26,6	R _p 1/8	33	65	12 800	6 600	KASK04
64	M8	–	43,7	50,8	26,6	R _p 1/8	33	65	12 800	6 600	KASK04
64	M8	25	–	50,8	18	R _p 1/8	–	65	12 800	6 600	KASK04
64	M8	31	–	50,8	18,3	R _p 1/8	–	65	12 800	6 600	KASK04
70	M10	–	31	50,8	23,5	R _p 1/8	37,5	70	14 000	7 800	KASK05
70	M10	–	44,5	50,8	26,9	R _p 1/8	37,5	70	14 000	7 800	KASK05
70	M10	–	44,5	50,8	26,9	R _p 1/8	37,5	70	14 000	7 800	KASK05
70	M10	27	–	50,8	19,5	R _p 1/8	–	70	14 000	7 800	KASK05
70	M10	34,1	–	50,8	19,6	R _p 1/8	–	70	14 000	7 800	KASK05
82	M10	–	35,8	76,2	26,7	R _p 1/8	44	98	19 500	11 300	KASK06
82	M10	–	48,5	76,2	30,1	R _p 1/8	44	98	19 500	11 300	KASK06
82	M10	–	48,5	76,2	30,1	R _p 1/8	44	98	19 500	11 300	KASK06
82	M10	30	–	76,2	21	R _p 1/8	–	98	19 500	11 300	KASK06
82	M10	38,1	–	76,2	22,2	R _p 1/8	–	98	19 500	11 300	KASK06
93	M10	–	39	82,6	29,4	R _p 1/8	51	103	25 500	15 300	KASK07
93	M10	–	51,3	82,6	32,3	R _p 1/8	51	103	25 500	15 300	KASK07
93	M10	–	51,3	82,6	32,3	R _p 1/8	51	103	25 500	15 300	KASK07
93	M10	35	–	82,6	25,5	R _p 1/8	–	103	25 500	15 300	KASK07
93	M10	42,9	–	82,6	25,4	R _p 1/8	–	103	25 500	15 300	KASK07



Plummer block housing units

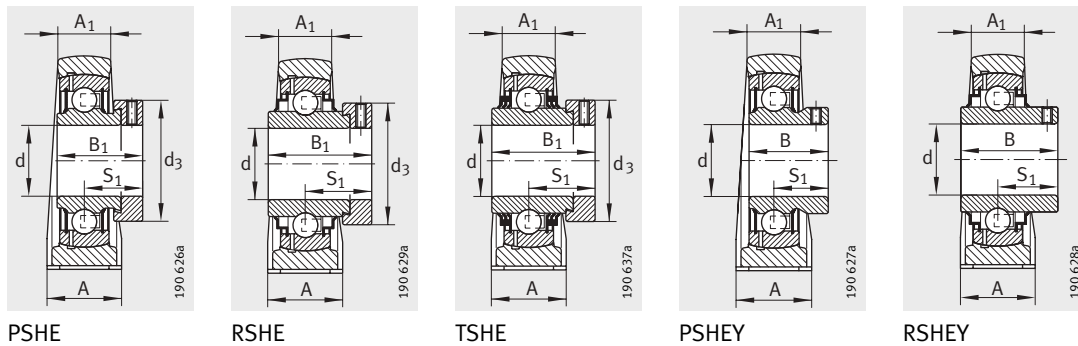
Cast iron housings
with short base



PSHE, RSHE, TSHE, PSHEY, RSHEY

Dimension table (continued) · Dimensions in mm							
Designation			Mass m ≈kg	Dimensions			
Unit	Housing	Radial insert ball bearing		d	H	A	A ₁
PSHE40-N	GG.SHE08-E-N	GRAE40-NPP-B	1,84	40	49,2	48	30
RSHE40-N	GG.SHE08-E-N	GE40-KRR-B	1,96	40	49,2	48	30
TSHE40-N	GG.SHE08-E-N	GE40-KTT-B	1,99	40	49,2	48	30
PSHEY40-N	GG.SHE08-E-N	GAY40-NPP-B	1,73	40	49,2	48	30
RSHEY40-N	GG.SHE08-E-N	GYE40-KRR-B	1,87	40	49,2	48	30
PSHE45	GG.SHE09	GRAE405-NPP-B	2,14	45	54	48	32
RSHE45	GG.SHE09	GE45-KRR-B	2,26	45	54	48	32
TSHE45	GG.SHE09	GE45-KTT-B	2,31	45	54	48	32
PSHEY45	GG.SHE09	GAY405-NPP-B	2	45	54	48	32
RSHEY45	GG.SHE09	GYE45-KRR-B	2,15	45	54	48	32
PSHE50-N	GG.SHE10-E-N	GRAE50-NPP-B	2,79	50	57,2	54	34
RSHE50-N	GG.SHE10-E-N	GE50-KRR-B	3,02	50	57,2	54	34
TSHE50-N	GG.SHE10-E-N	GE50-KTT-B	3,08	50	57,2	54	34
PSHEY50-N	GG.SHE10-E-N	GAY50-NPP-B	2,64	50	57,2	54	34
RSHEY50-N	GG.SHE10-E-N	GYE50-KRR-B	2,82	50	57,2	54	34
PSHE55	GG.SHE11	GRAE505-NPP-B	2,91	55	64	60	35
RSHE55	GG.SHE11	GE55-KRR-B	3,52	55	64	60	35
TSHE55	GG.SHE11	GE55-KTT-B	3,59	55	64	60	35
RSHEY55	GG.SHE11	GYE55-KRR-B	3,2	55	64	60	35
PSHE60-N	GG.SHE12-N	GRAE60-NPP-B	4,1	60	69,9	60	42
RSHE60-N	GG.SHE12-N	GE60-KRR-B	4,54	60	69,9	60	42
TSHE60-N	GG.SHE12-N	GE60-KTT-B	4,54	60	69,9	60	42
PSHEY60-N	GG.SHE12-N	GAY60-NPP-B	3,87	60	69,9	60	42
RSHEY60-N	GG.SHE12-N	GYE60-KRR-B	4,02	60	69,9	60	42

¹⁾ To be ordered separately.

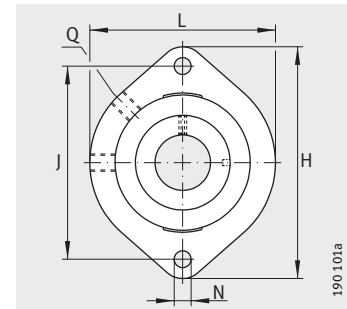


									Basic load ratings		End cap ¹⁾
H ₂	K	B	B ₁	J	S ₁	Q	d ₃ max.	L	dyn. C _r N	stat. C _{0r} N	
99	M12	–	43,8	88,9	32,7	R _p 1/8	58	116	32 500	19 800	KASK08
99	M12	–	56,5	88,9	34,9	R _p 1/8	58	116	32 500	19 800	KASK08
99	M12	–	56,5	88,9	34,9	R _p 1/8	58	116	32 500	19 800	KASK08
99	M12	39,5	–	88,9	29	R _p 1/8	–	116	32 500	19 800	KASK08
99	M12	49,2	–	88,9	30,2	R _p 1/8	–	116	32 500	19 800	KASK08
107	M12	–	43,8	95,3	32,7	R _p 1/8	63	120	32 500	20 400	–
107	M12	–	56,5	95,3	34,9	R _p 1/8	63	120	32 500	20 400	–
107	M12	–	56,5	95,3	34,9	R _p 1/8	63	120	32 500	20 400	–
107	M12	41,5	–	95,3	30,5	R _p 1/8	–	120	32 500	20 400	–
107	M12	49,2	–	95,3	30,5	R _p 1/8	–	120	32 500	20 400	–
115	M16	–	43,8	101,6	32,7	R _p 1/8	69	135	35 000	23 200	KASK10
115	M16	–	62,8	101,6	38,1	R _p 1/8	69	135	35 000	23 200	KASK10
115	M16	–	62,8	101,6	38,1	R _p 1/8	69	135	35 000	23 200	KASK10
115	M16	43	–	101,6	32	R _p 1/8	–	135	35 000	23 200	KASK10
115	M16	51,6	–	101,6	32,6	R _p 1/8	–	135	35 000	23 200	KASK10
125	M16	–	48,4	118	36,4	R _p 1/8	76	150	43 500	29 000	–
125	M16	–	71,4	118	43,6	R _p 1/8	76	150	43 500	29 000	–
125	M16	–	71,4	118	43,6	R _p 1/8	76	150	43 500	29 000	–
125	M16	55,6	–	118	33,4	R _p 1/8	–	150	43 500	29 000	–
140	M16	–	53,1	118	39,6	R _p 1/8	84	150	52 000	36 000	KASK12
140	M16	–	77,9	118	46,8	R _p 1/8	84	150	52 000	36 000	KASK12
140	M16	–	77,9	118	46,8	R _p 1/8	84	150	52 000	36 000	KASK12
140	M16	47	–	118	34	R _p 1/8	–	150	52 000	36 000	KASK12
140	M16	65,1	–	118	39,7	R _p 1/8	–	150	52 000	36 000	KASK12



Two-bolt flanged housing units

Cast iron housings

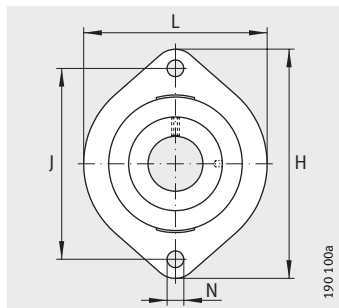


GLCTE

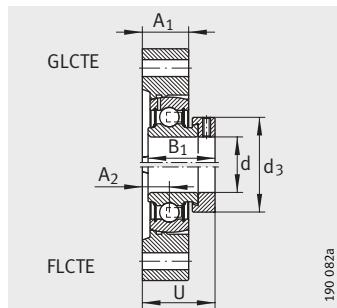
Dimension table · Dimensions in mm							
Designation			Mass m ≈ kg	Dimensions			
Unit	Housing	Radial insert ball bearing		d	L	H	A ₁
FLCTE12	GG.LCTE03	RAE12-NPP-B	0,3	12	58,7	81	15
GLCTE12 ²⁾	GG.GLCTE03	GRAE12-NPP-B	0,3	12	58,7	81	15
FLCTEY12	GG.LCTE03	AY12-NPP-B	0,28	12	58,7	81	15
FLCTE15	GG.LCTE03	RAE15-NPP-B	0,3	15	58,7	81	15
GLCTE15 ²⁾	GG.GLCTE03	GRAE15-NPP-B	0,3	15	58,7	81	15
FLCTEY15	GG.LCTE03	AY15-NPP-B	0,27	15	58,7	81	15
FLCTE17	GG.LCTE03	RAE17-NPP-B	0,3	17	58,7	81	15
GLCTE17 ²⁾	GG.GLCTE03	GRAE17-NPP-B	0,3	17	58,7	81	15
FLCTEY17	GG.LCTE03	AY17-NPP-B	0,26	17	58,7	81	15
FLCTE20	GG.LCTE04	RAE20-NPP-B	0,39	20	66,5	90,5	17
GLCTE20 ¹⁾	GG.GLCTE04-E	GRAE20-NPP-B	0,39	20	66,5	90,5	17
FLCTEY20	GG.LCTE04	AY20-NPP-B	0,36	20	66,5	90,5	17
FLCTE25	GG.LCTE05	RAE25-NPP-B	0,47	25	71	97	17,5
GLCTE25 ¹⁾	GG.GLCTE05-E	GRAE25-NPP-B	0,47	25	71	97	17,5
FLCTEY25	GG.LCTE05	AY25-NPP-B	0,44	25	71	97	17,5
FLCTE30	GG.LCTE06	RAE30-NPP-B	0,76	30	84	112,5	20,5
GLCTE30 ¹⁾	GG.GLCTE06-E	GRAE30-NPP-B	0,76	30	84	112,5	20,5
FLCTEY30	GG.LCTE06	AY30-NPP-B	0,7	30	84	112,5	20,5
FLCTE35	GG.LCTE07	RAE35-NPP-B	1,02	35	94	126	22
GLCTE35 ²⁾	GG.GLCTE07	GRAE35-NPP-B	1,02	35	94	126	22
FLCTEY35	GG.LCTE07	GAY35-NPP-B	0,93	35	94	126	22
FLCTE40	GG.LCTE08	RAE40-NPP-B	1,27	40	100	150	24
GLCTE40 ²⁾	GG.GLCTE08	GRAE40-NPP-B	1,27	40	100	150	24
FLCTEY40	GG.LCTE08	GAY40-NPP-B	1,18	40	100	150	24

¹⁾ Lubrication hole 45°.

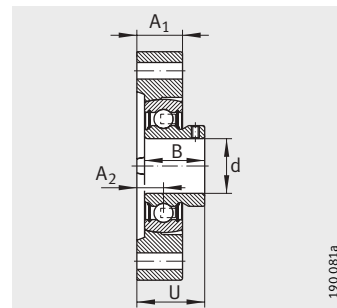
²⁾ Lubrication hole 90°.



FLCTE, FLCTEY



GLCTE, FLCTE



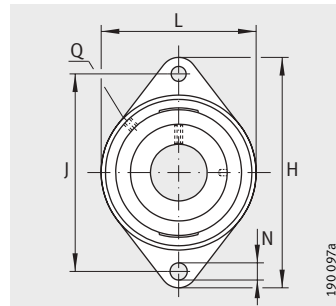
FLCTEY

								Basic load ratings	
N	B	B ₁	J	A ₂	Q	d ₃ max.	U	dyn. C _r N	stat. C _{0r} N
6,6	–	28,6	63,5	8,4	–	28	30,5	9 800	4 750
6,6	–	28,6	63,5	8,4	M6 ²⁾	28	30,5	9 800	4 750
6,6	22	–	63,5	8,4	–	–	24,4	9 800	4 750
6,6	–	28,6	63,5	8,4	–	28	30,5	9 800	4 750
6,6	–	28,6	63,5	8,4	M6 ²⁾	28	30,5	9 800	4 750
6,6	22	–	63,5	8,4	–	–	24,4	9 800	4 750
6,6	–	28,6	63,5	8,4	–	28	30,5	9 800	4 750
6,6	–	28,6	63,5	8,4	M6 ²⁾	28	30,5	9 800	4 750
6,6	22	–	63,5	8,4	–	–	24,4	9 800	4 750
9	–	31	71,4	9,5	–	33	33	12 800	6 600
9	–	31	71,4	9,5	M6 ¹⁾	33	33	12 800	6 600
9	25	–	71,4	9,5	–	–	27	12 800	6 600
9	–	31	76,2	9,9	–	37,5	33,4	14 000	7 800
9	–	31	76,2	9,9	M6 ¹⁾	37,5	33,4	14 000	7 800
9	27	–	76,2	9,9	–	–	29,4	14 000	7 800
11,5	–	35,8	90,5	11,4	–	44	38,1	19 500	11 300
11,5	–	35,8	90,5	11,4	R _p 1/8 ¹⁾	44	38,1	19 500	11 300
11,5	30	–	90,5	11,4	–	–	32,4	19 500	11 300
11,5	–	39	100	12,4	–	51	41,8	25 500	15 300
11,5	–	39	100	12,4	R _p 1/8 ²⁾	51	41,8	25 500	15 300
11,5	35	–	100	12,4	–	–	37,9	25 500	15 300
14	–	43,8	119	13,5	–	58	46,2	32 500	19 800
14	–	43,8	119	13,5	R _p 1/8 ²⁾	58	46,2	32 500	19 800
14	39,5	–	119	13,5	–	–	42,5	32 500	19 800

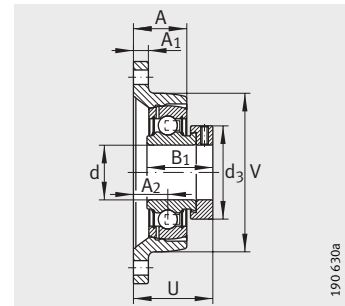


Two-bolt flanged housing units

Cast iron housings



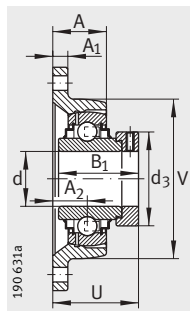
PCFT, PCJT (-N-FA125), PCJTY, RCJT (-N-FA125), TCJT, LCJT, RCJTA, RCJTY (-JIS)



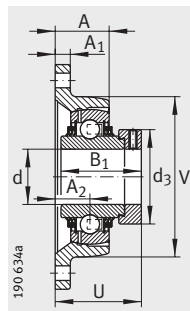
PCFT, PCJT

Dimension table · Dimensions in mm								
Designation			Mass m ≈kg	Dimensions				
Unit	Housing	Radial insert ball bearing		d	L	H	A ₁	N
PCFT12	GG.CFT03	GRAE12-NPP-B	0,39	12	57	99	9,5	11,5
PCJT12	GG.CJT03	GRAE12-NPP-B	0,37	12	57	99	9,5	11,5
PCJTY12	GG.CJT03	GAY12-NPP-B	0,35	12	57	99	9,5	11,5
RCJTY12	GG.CJT03	GYE12-KRR-B	0,36	12	57	99	9,5	11,5
PCFT15	GG.CFT03	GRAE15-NPP-B	0,39	15	57	99	9,5	11,5
PCJT15	GG.CFT03	GRAE15-NPP-B	0,37	15	57	99	9,5	11,5
PCJTY15	GG.CFT03	GAY15-NPP-B	0,34	15	57	99	9,5	11,5
RCJTY15	GG.CFT03	GYE15-KRR-B	0,35	15	57	99	9,5	11,5
RCJTY16	GG.CJT03	GYE16-KRR-B	0,34	16	57	99	9,5	11,5
PCFT17	GG.CFT03	GRAE17-NPP-B	0,39	17	57	99	9,5	11,5
PCJT17	GG.CJT03	GRAE17-NPP-B	0,37	17	57	99	9,5	11,5
RCJT17	GG.CJT03	GE17-KRR-B	0,41	17	57	99	9,5	11,5
PCJTY17	GG.CJT03	GAY17-NPP-B	0,33	17	57	99	9,5	11,5
RCJTY17	GG.CJT03	GYE17-KRR-B	0,34	17	57	99	9,5	11,5
PCFT20	GG.CFT04	GRAE20-NPP-B	0,40	20	61	112	10	11,5
PCJT20-N	GG.CJT04-N	GRAE20-NPP-B	0,48	20	61	112	10	11,5
PCJT20-N-FA125	GG.CJT04-N-FA125.1	GRAE20-NPP-B-FA125.5	0,48	20	61	112	10	11,5
RCJT20-N	GG.CJT04-N	GE20-KRR-B	0,52	20	61	112	10	11,5
RCJT20-N-FA125	GG.CJT04-N-FA125.1	GE20-KRR-B-FA125.5	0,52	20	61	112	10	11,5
TCJT20-N	GG.CJT04-N	GE20-KTT-B	0,52	20	61	112	10	11,5
LCJT20-N	GG.CJT04-N	GE20-KLL-B	0,52	20	61	112	10	11,5
RCJTA20-N	GG.CJT04-N	GSH20-2RSR-B	0,52	20	61	112	10	11,5
PCJTY20-N	GG.CJT04-N	GAY20-NPP-B	0,45	20	61	112	10	11,5
RCJTY20-N	GG.CJT04-N	GYE20-KRR-B	0,49	20	61	112	10	11,5
RCJTY20-JIS	GG.FL204	GYE20-KRR-B-FA107	0,42	20	60	113	12	12
PCFT25	GG.CFT05	GRAE25-NPP-B	0,52	25	70	124	11	11,5
PCJT25-N	GG.CJT05-N	GRAE25-NPP-B	0,56	25	70	124	11	11,5
PCJT25-N-FA125	GG.CJT05-N-FA125.1	GRAE25-NPP-B-FA125.5	0,56	25	70	124	11	11,5
RCJT25-N	GG.CJT05-N	GE25-KRR-B	0,62	25	70	124	11	11,5
RCJT25-N-FA125	GG.CJT05-N-FA125.1	GE25-KRR-B-FA125.5	0,62	25	70	124	11	11,5
TCJT25-N	GG.CJT05-N	GE25-KTT-B	0,62	25	70	124	11	11,5
LCJT25-N	GG.CJT05-N	GE25-KLL-B	0,62	25	70	124	11	11,5
RCJTA25-N	GG.CJT05-N	GSH25-2RSR-B	0,54	25	70	124	11	11,5
PCJTY25-N	GG.CJT05-N	GAY25-NPP-B	0,48	25	70	124	11	11,5
RCJTY25-N	GG.CJT05-N	GYE25-KRR-B	0,57	25	70	124	11	11,5
RCJTY25-JIS	GG.FL205	GYE25-KRR-B-FA107	0,61	25	68	130	14	16

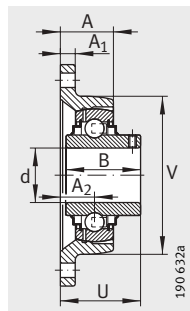
¹⁾ To be ordered separately.



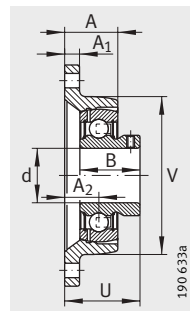
RCJT, LCJT



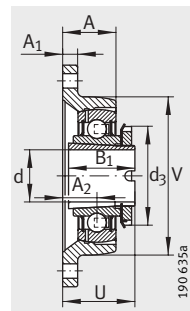
TCJT



RCJTY



PCJTY



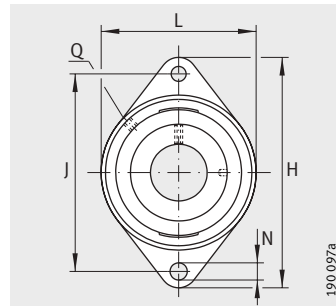
RCJTA

									Basic load ratings		End cap ¹⁾
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N	
–	28,6	76,5	10	M6	28	18	32,1	57	9 800	4 750	–
–	28,6	76,5	17	M6	28	25	39,1	57	9 800	4 750	–
22	–	76,5	17	M6	–	25	33	57	9 800	4 750	–
27,4	–	76,5	17	M6	–	25	32,9	57	9 800	4 750	–
–	28,6	76,5	10	M6	28	18	32,1	57	9 800	4 750	–
–	28,6	76,5	17	M6	28	25	39,1	57	9 800	4 750	–
22	–	76,5	17	M6	–	25	33	57	9 800	4 750	–
27,4	–	76,5	17	M6	–	25	32,9	57	9 800	4 750	–
27,4	–	76,5	17	M6	–	25	32,9	57	9 800	4 750	–
–	28,6	76,5	10	M6	28	18	32,1	57	9 800	4 750	–
–	28,6	76,5	17	M6	28	25	39,1	57	9 800	4 750	–
–	37,4	76,5	17	M6	28	25	40,4	57	9 800	4 750	–
22	–	76,5	17	M6	–	25	33	57	9 800	4 750	–
27,4	–	76,5	17	M6	–	25	32,9	57	9 800	4 750	–
–	31	90	10,5	R _p 1/8	33	17,5	34	61	12 800	6 600	–
–	31	90	19	R _p 1/8	33	28	42,5	61	12 800	6 600	KASK04
–	31	90	19	R _p 1/8	33	28	42,5	61	12 800	6 600	KASK04
–	43,7	90	19	R _p 1/8	33	28	45,6	61	12 800	6 600	KASK04
–	43,7	90	19	R _p 1/8	33	28	45,6	61	12 800	6 600	KASK04
–	43,7	90	19	R _p 1/8	33	28	45,6	61	12 800	6 600	KASK04
–	43,7	90	19	R _p 1/8	33	28	45,6	61	12 800	6 600	KASK04
–	28	90	19	R _p 1/8	32	28	42,5	61	12 700	6 600	KASK04
25	–	90	19	R _p 1/8	–	28	37	61	12 800	6 600	KASK04
31	–	90	19	R _p 1/8	–	28	37,3	61	12 800	6 600	KASK04
31	–	90	15	M6	–	25,5	33,3	–	12 800	6 600	–
–	31	99	12,5	R _p 1/8	37,5	20	36	70	14 000	7 800	–
–	31	99	19	R _p 1/8	37,5	29	42,5	70	14 000	7 800	KASK05
–	31	99	19	R _p 1/8	37,5	29	42,5	70	14 000	7 800	KASK05
–	44,5	99	19	R _p 1/8	37,5	29	46	70	14 000	7 800	KASK05
–	44,5	99	19	R _p 1/8	37,5	29	46	70	14 000	7 800	KASK05
–	44,5	99	19	R _p 1/8	37,5	29	46	70	14 000	7 800	KASK05
–	44,5	99	19	R _p 1/8	37,5	29	46	70	14 000	7 800	KASK05
–	28	99	19	R _p 1/8	38	29	42,5	70	13 600	7 800	KASK05
27	–	99	19	R _p 1/8	–	29	38,5	70	14 000	7 800	KASK05
34,1	–	99	19	R _p 1/8	–	29	38,8	70	14 000	7 800	KASK05
34,1	–	99	16	M6	–	27	35,8	–	14 000	7 800	–

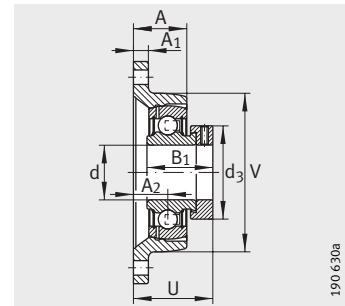


Two-bolt flanged housing units

Cast iron housings



PCFT, PCJT (-N-FA125), PCJTY, RCJT (-N-FA125, -FA164), TCJT, LCJT, RCJTA, RCJTY (-JIS)

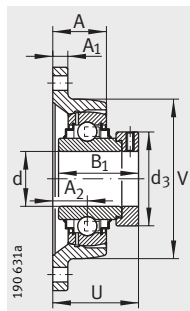


PCFT, PCJT

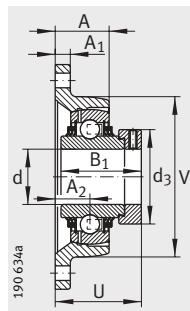
Dimension table (continued) - Dimensions in mm								
Designation			Mass	Dimensions				
Unit	Housing	Radial insert ball bearing	m ≈kg	d	L	H	A ₁	N
PCFT30	GG.CFT06	GRAE30-NPP-B	0,77	30	80	142	12	11,5
PCJT30-N	GG.CJT06-N	GRAE30-NPP-B	0,81	30	80	142	12	11,5
PCJT30-N-FA125	GG.CJT06-N-FA125.1	GRAE30-NPP-B-FA125.5	0,81	30	80	142	12	11,5
RCJT30-N	GG.CJT06-N	GE30-KRR-B	0,88	30	80	142	12	11,5
RCJT30-N-FA125	GG.CJT06-N-FA125.1	GE30-KRR-B-FA125.5	0,88	30	80	142	12	11,5
RCJT30-FA164¹⁾	GG.CJT06-N	GE30-KRR-B-FA164	0,88	30	80	142	12	11,5
TCJT30-N	GG.CJT06-N	GE30-KTT-B	0,89	30	80	142	12	11,5
LCJT30-N	GG.CJT06-N	GE30-KLL-B	0,88	30	80	142	12	11,5
RCJTA30-N	GG.CJT06-N	GSH30-2RSR-B	0,77	30	80	142	12	11,5
PCJTY30-N	GG.CJT06-N	GAY30-NPP-B	0,75	30	80	142	12	11,5
RCJTY30-N	GG.CJT06-N	GYE30-KRR-B	0,88	30	80	142	12	11,5
RCJTY30-JIS	GG.FL206	GYE30-KRR-B-FA107	0,91	30	80	148	14	16
PCFT35	GG.CFT07	GRAE35-NPP-B	1,08	35	92	155	12,5	14
PCJT35-N	GG.CJT07-N	GRAE35-NPP-B	1,12	35	92	155	12,5	14
PCJT35-N-FA125	GG.CJT07-N-FA125.1	GRAE35-NPP-B-FA125.5	1,12	35	92	155	12,5	14
RCJT35-N	GG.CJT07-N	GE35-KRR-B	1,19	35	92	155	12,5	14
RCJT35-N-FA125	GG.CJT07-N-FA125.1	GE35-KRR-B-FA125.5	1,19	35	92	155	12,5	14
RCJT35-FA164¹⁾	GG.CJT07-N	GE35-KRR-B-FA164	1,19	35	92	155	12,5	14
TCJT35-N	GG.CJT07-N	GE35-KTT-B	1,2	35	92	155	12,5	14
LCJT35-N	GG.CJT07-N	GE35-KLL-B	1,19	35	92	155	12,5	14
RCJTA35-N	GG.CJT07-N	GSH35-2RSR-B	1,06	35	92	155	12,5	14
PCJTY35-N	GG.CJT07-N	GAY35-NPP-B	1,03	35	92	155	12,5	14
RCJTY35-N	GG.CJT07-N	GYE35-KRR-B	1,13	35	92	155	12,5	14
RCJTY35-JIS	GG.FL207	GYE35-KRR-B-FA107	1,19	35	90	161	16	16
PCFT40	GG.CFT08	GRAE40-NPP-B	1,42	40	105	172	13	14
PCJT40-N	GG.CJT08-N	GRAE40-NPP-B	1,54	40	105	172	13	14
PCJT40-N-FA125	GG.CJT08-N-FA125.1	GRAE40-NPP-B-FA125.5	1,54	40	105	172	13	14
RCJT40-N	GG.CJT08-N	GE40-KRR-B	1,66	40	105	172	13	14
RCJT40-N-FA125	GG.CJT08-N-FA125.1	GE40-KRR-B-FA125.5	1,66	40	105	172	13	14
RCJT40-FA164¹⁾	GG.CJT08-N	GE40-KRR-B-FA164	1,66	40	105	172	13	14

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

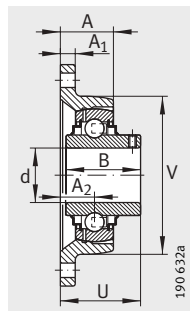
²⁾ To be ordered separately.



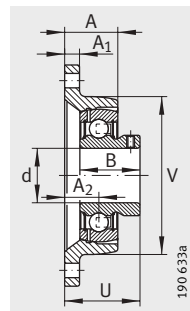
RCJT, LCJT



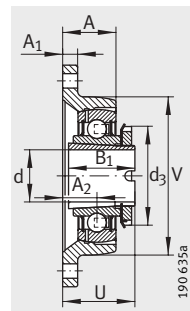
TCJT



RCJTY (-JIS)



PCJTY



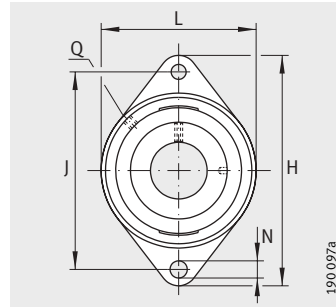
RCJTA

									Basic load ratings		End cap ²⁾
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N	
–	35,8	116,5	13,3	R _p 1/8	44	22,3	40	80	19 500	11 300	–
–	35,8	116,5	20	R _p 1/8	44	29	46,7	80	19 500	11 300	KASK06
–	35,8	116,5	20	R _p 1/8	44	29	46,7	80	19 500	11 300	KASK06
–	48,5	116,5	20	R _p 1/8	44	29	50,1	80	19 500	11 300	KASK06
–	48,5	116,5	20	R _p 1/8	44	29	50,1	80	19 500	11 300	KASK06
–	48,5	116,5	20	R _p 1/8	44	29	50,2	80	19 500	11 300	–
–	48,5	116,5	20	R _p 1/8	44	29	50,1	80	19 500	11 300	KASK06
–	48,5	116,5	20	R _p 1/8	44	29	50,1	80	19 500	11 300	KASK06
–	32	116,5	20	R _p 1/8	45	29	44	80	18 900	11 300	KASK06
30	–	116,5	20	R _p 1/8	–	29	41	80	19 500	11 300	KASK06
38,1	–	116,5	20	R _p 1/8	–	29	42,2	80	19 500	11 300	KASK06
38,1	–	117	18	M6	–	31	40,2	–	19 500	11 300	–
–	39	130	15,5	R _p 1/8	51	25	44,9	92	25 500	15 300	–
–	39	130	21	R _p 1/8	51	30,5	50,4	92	25 500	15 300	KASK07
–	39	130	21	R _p 1/8	51	30,5	50,4	92	25 500	15 300	KASK07
–	51,3	130	21	R _p 1/8	51	30,5	53,3	92	25 500	15 300	KASK07
–	51,3	130	21	R _p 1/8	51	30,5	53,3	92	25 500	15 300	KASK07
–	51,3	130	21	R _p 1/8	51	30,5	53,4	92	25 500	15 300	–
–	51,3	130	21	R _p 1/8	51	30,5	53,3	92	25 500	15 300	KASK07
–	51,3	130	21	R _p 1/8	51	30,5	53,3	92	25 500	15 300	KASK07
–	34	130	21	R _p 1/8	52	30,5	46	92	24 900	15 300	KASK07
35	–	130	21	R _p 1/8	–	30,5	46,5	92	25 500	15 300	KASK07
42,9	–	130	21	R _p 1/8	–	30,5	46,4	92	25 500	15 300	KASK07
42,9	–	130	19	M6	–	34	44,4	–	25 500	15 300	–
–	43,8	143,5	18,3	R _p 1/8	58	28,8	51	105	32 500	19 800	–
–	43,8	143,5	24	R _p 1/8	58	34,5	56,7	105	32 500	19 800	KASK08
–	43,8	143,5	24	R _p 1/8	58	34,5	56,7	105	32 500	19 800	KASK08
–	56,5	143,5	24	R _p 1/8	58	34,5	58,9	105	32 500	19 800	KASK08
–	56,5	143,5	24	R _p 1/8	58	34,5	58,9	105	32 500	19 800	KASK08
–	56,5	143,5	24	R _p 1/8	58	34,5	59,1	105	32 500	19 800	–

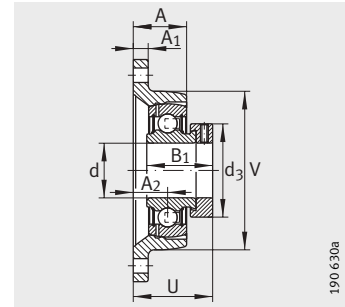


Two-bolt flanged housing units

Cast iron housings



PCFT, PCJT (-N-FA125), PCJTY, RCJT (-N-FA125, -FA164), TCJT, LCJT, RCJTA, RCJTY (-JIS)

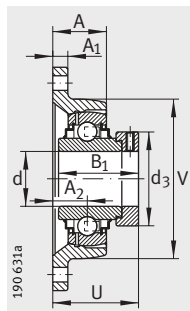


PCFT, PCJT

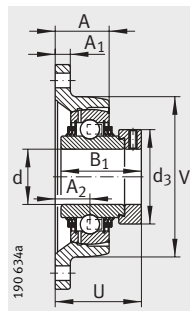
Dimension table (continued) - Dimensions in mm								
Designation			Mass	Dimensions				
Unit	Housing	Radial insert ball bearing	m ≈kg	d	L	H	A ₁	N
TCJT40-N	GG.CJT08-N	GE40-KTT-B	1,69	40	105	172	13	14
LCJT40-N	GG.CJT08-N	GE40-KLL-B	1,66	40	105	172	13	14
PCJTY40-N	GG.CJT08-N	GAY40-NPP-B	1,43	40	105	172	13	14
RCJTA40-N	GG.CJT08-N	GSH40-2RSR-B	1,46	40	105	172	13	14
RCJTY40-N	GG.CJT08-N	GYE40-KRR-B	1,57	40	105	172	13	14
RCJTY40-JIS	GG.FL208	GYE40-KRR-B-FA107	1,51	40	100	175	16	16
PCFT45	GG.CFT09	GRAE45-NPP-B	1,59	45	111	180	13	14
PCJT45	GG.CJT09	GRAE45-NPP-B	1,69	45	111	180	13	14
RCJT45	GG.CJT09	GE45-KRR-B	1,81	45	111	180	13	14
TCJT45	GG.CJT09	GE45-KTT-B	1,81	45	111	180	13	14
LCJT45	GG.CJT09	GE45-KLL-B	1,81	45	111	180	13	14
PCJTY45	GG.CJT09	GAY45-NPP-B	1,55	45	111	180	13	14
RCJTY45	GG.CJT09	GYE45-KRR-B	1,7	45	111	180	13	14
RCJTY45-JIS	GG.FL209	GYE45-KRR-B-FA107	1,94	45	108	188	18	19
PCFT50	GG.CFT10	GRAE50-NPP-B	1,82	50	116	190	13	14
PCJT50-N	GG.CJT10-N	GRAE50-NPP-B	1,97	50	116	190	13	18
PCJT50-N-FA125	GG.CJT10-N-FA125.1	GRAE50-NPP-B-FA125.5	1,97	50	116	190	13	18
RCJT50-N	GG.CJT10-N	GE50-KRR-B	2,2	50	116	190	13	18
RCJT50-N-FA125	GG.CJT10-N-FA125.1	GE50-KRR-B-FA125.5	2,2	50	116	190	13	18
RCJT50-FA164¹⁾	GG.CJT10-N	GE50-KRR-B-FA164	2,2	50	116	190	13	18
TCJT50-N	GG.CJT10-N	GE50-KTT-B	2,26	50	116	190	13	18
LCJT50-N	GG.CJT10-N	GE50-KLL-B	2,2	50	116	190	13	18
PCJTY50-N	GG.CJT10-N	GAY50-NPP-B	1,82	50	116	190	13	18
RCJTY50-N	GG.CJT10-N	GYE50-KRR-B	2	50	116	190	13	18
RCJTY50-JIS	GG.FL210	GYE50-KRR-B-FA107	2,21	50	115	197	18	19
PCJT55	GG.CJT11	GRAE55-NPP-B	2,31	55	134	222	15	18
RCJT55	GG.CJT11	GE55-KRR-B	2,92	55	134	222	15	18
TCJT55	GG.CJT11	GE55-KTT-B	2,98	55	134	222	15	18
RCJTY55	GG.CJT11	GYE55-KRR-B	2,6	55	134	222	15	18
RCJTY55-JIS	GG.FL211	GYE55-KRR-B-FA107	2,83	55	130	224	20	19

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

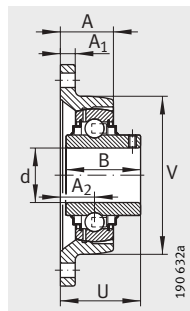
²⁾ To be ordered separately.



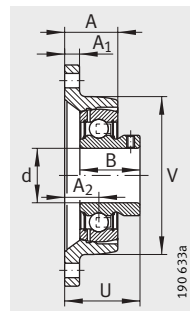
RCJT, LCJT



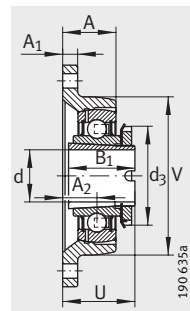
TCJT



RCJTY (-JIS)



PCJTY



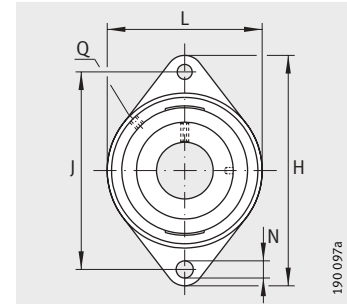
RCJTA

									Basic load ratings		End cap ²⁾
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N	
–	56,5	143,5	24	R _p 1/8	58	34,5	58,9	105	32 500	19 800	KASK08
–	56,5	143,5	24	R _p 1/8	58	34,5	58,9	105	32 500	19 800	KASK08
39,5	–	143,5	24	R _p 1/8	–	34,5	53	105	32 500	19 800	KASK08
–	38	143,5	24	R _p 1/8	58	34,5	51	105	29 500	19 800	KASK08
49,2	–	143,5	24	R _p 1/8	–	34,5	54,2	105	32 500	19 800	KASK08
49,2	–	144	21	M6	–	36	51,2	–	32 500	19 800	–
–	43,8	148,5	19,2	R _p 1/8	63	30,2	51,9	111	32 500	20 400	–
–	43,8	148,5	24	R _p 1/8	63	35	56,7	111	32 500	20 400	–
–	56,5	148,5	24	R _p 1/8	63	35	58,9	111	32 500	20 400	–
–	56,5	148,5	24	R _p 1/8	63	35	58,9	111	32 500	20 400	–
–	56,5	148,5	24	R _p 1/8	63	35	58,9	111	32 500	20 400	–
41,5	–	148,5	24	R _p 1/8	–	35	54,5	111	32 500	20 400	–
49,2	–	148,5	24	R _p 1/8	–	35	54,2	111	32 500	20 400	–
49,2	–	148	22	M6	–	38	52,2	–	32 500	20 400	–
–	43,8	157	19,2	R _p 1/8	69	30,2	51,9	116	35 000	23 200	–
–	43,8	157	28	R _p 1/8	69	39	60,7	116	35 000	23 200	KASK10
–	43,8	157	28	R _p 1/8	69	39	60,7	116	35 000	23 200	KASK10
–	62,8	157	28	R _p 1/8	69	39	66,1	116	35 000	23 200	KASK10
–	62,8	157	28	R _p 1/8	69	39	66,1	116	35 000	23 200	KASK10
–	62,8	157	28	R _p 1/8	69	39	66,1	116	35 000	23 200	–
–	62,8	157	28	R _p 1/8	69	39	66,1	116	35 000	23 200	KASK10
–	62,8	157	28	R _p 1/8	69	39	66,1	116	35 000	23 200	KASK10
43	–	157	28	R _p 1/8	–	39	60	116	35 000	23 200	KASK10
51,6	–	157	28	R _p 1/8	–	39	60,6	116	35 000	23 200	KASK10
51,6	–	157	22	M6	–	40	54,6	–	35 000	23 200	–
–	48,4	184	31	R _p 1/8	76	43,5	67,4	134	43 500	29 000	–
–	71,4	184	31	R _p 1/8	76	43,5	74,6	134	43 500	29 000	–
–	71,4	184	31	R _p 1/8	76	43,5	74,6	134	43 500	29 000	–
55,6	–	184	31	R _p 1/8	–	43,5	64,4	134	43 500	29 000	–
55,6	–	184	25	M6	–	43	58,4	–	43 500	29 000	–



Two-bolt flanged housing units

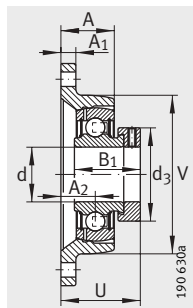
Cast iron housings



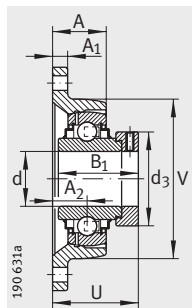
PCJT (-N-FA125), PCJTY, RCJT, TCJT, RCJTY (-JIS)

Dimension table (continued) - Dimensions in mm								
Designation			Mass	Dimensions				
Unit	Housing	Radial insert ball bearing	m ≈kg	d	L	H	A ₁	N
PCJT60-N	GG.CJT12-N	GRAE60-NPP-B	3,25	60	138	238	16	18
PCJT60-N-FA125	GG.CJT12-N-FA125.1	GRAE60-NPP-B-FA125.5	3,25	60	138	238	16	18
RCJT60-N	GG.CJT12-N	GE60-KRR-B	3,69	60	138	238	16	18
PCJTY60-N	GG.CJT12-N	GAY60-NPP-B	2,92	60	138	238	16	18
RCJTY60-N	GG.CJT12-N	GYE60-KRR-B	3,17	60	138	238	16	18
RCJTY60-JIS	GG.FL212	GYE60-KRR-B-FA107	3,88	60	140	250	20	23
RCJT65	GG.CJT13/14	GE65-214-KRR-B	6,41	65	160	258	18	21
TCJT65	GG.CJT13/14	GE65-214-KTT-B	6,41	65	160	258	18	21
RCJTY65	GG.CJT13/14	GYE65-214-KRR-B	5,95	65	160	258	18	21
RCJT70	GG.CJT13/14	GE70-KRR-B	6,15	70	160	258	18	21
RCJTY70	GG.CJT13/14	GYE70-KRR-B	5,65	70	160	258	18	21
RCJT75	GG.CJT15	GE75-KRR-B	6	75	160	258	18	21
TCJT75	GG.CJT15	GE75-KTT-B	6	75	160	258	18	21
RCJTY75	GG.CJT15	GYE75-KRR-B	5,54	75	160	258	18	21

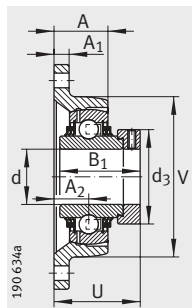
¹⁾ To be ordered separately.



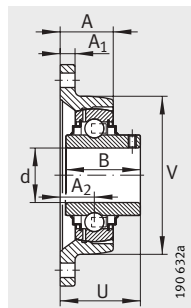
PCJT



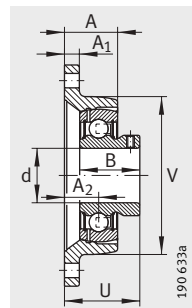
RCJT



TCJT



RCJTY



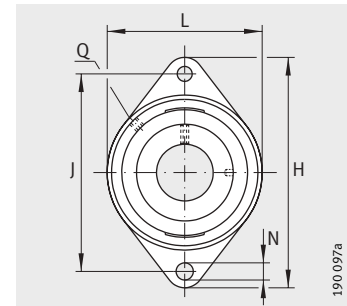
PCJTY

									Basic load ratings		End cap ¹⁾
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N	
–	53,1	202	34	R _p 1/8	84	46	73,6	138	52 000	36 000	KASK12
–	53,1	202	34	R _p 1/8	84	46	73,6	138	52 000	36 000	KASK12
–	77,9	202	34	R _p 1/8	84	46	80,8	138	52 000	36 000	KASK12
47	–	202	34	R _p 1/8	–	46	68	138	52 000	36 000	KASK12
65,1	–	202	34	R _p 1/8	–	46	73,7	138	52 000	36 000	KASK12
65,1	–	202	29	M6	–	48	68,7	–	52 000	36 000	–
–	66	216	38	R _p 1/8	96	57	82,6	160	62 000	44 000	–
–	66	216	38	R _p 1/8	96	57	82,6	160	62 000	44 000	–
74,6	–	216	38	R _p 1/8	–	57	82,4	160	62 000	44 000	–
–	66	216	38	R _p 1/8	96	57	82,6	160	62 000	44 000	–
74,6	–	216	38	R _p 1/8	–	57	82,4	160	62 000	44 000	–
–	67	216	38	R _p 1/8	100	57	83,6	160	62 000	44 500	–
–	67	216	38	R _p 1/8	100	57	83,6	160	62 000	44 500	–
77,8	–	216	38	R _p 1/8	–	57	82,5	160	62 000	44 500	–



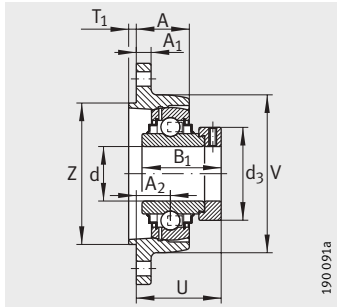
Two-bolt flanged housing units with centring spigot

Cast iron housings



RCJ TZ

Dimension table · Dimensions in mm								
Designation			Mass m ≈ kg	Dimensions				
Unit	Housing	Radial insert ball bearing		d	L	H	A ₁	N
RCJ TZ20	GG.CJ TZ04	GE20-KRR-B	0,53	20	60,5	112,5	10	11,5
RCJ TZ25	GG.CJ TZ05	GE25-KRR-B	0,64	25	70	124	12	11,5
RCJ TZ30	GG.CJ TZ06	GE30-KRR-B	0,9	30	83	142	12	11,5
RCJ TZ35	GG.CJ TZ07	GE35-KRR-B	1,22	35	94	155	12,5	14
RCJ TZ40	GG.CJ TZ08	GE40-KRR-B	1,69	40	105	172	13	14
RCJ TZ45	GG.CJ TZ09	GE45-KRR-B	1,86	45	111	180	13	14
RCJ TZ50	GG.CJ TZ10	GE50-KRR-B	2,21	50	116	190	13	14
RCJ TZ60	GG.CJ TZ12	GE60-KRR-B	3,74	60	138	238	16	18



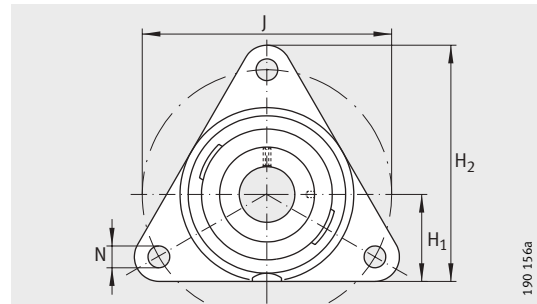
RCJTZ

										Basic load ratings	
B ₁	J	A ₂	Q	d ₃ max.	A	T ₁	U	V	Z h8	dyn. C _r N	stat. C _{0r} N
43,7	90	19	R _p 1/8	33	31,7	3,5	45,6	60,5	55	12 800	6 500
44,5	99	19	R _p 1/8	37,5	26,5	3,5	45,9	70	60	14 000	7 800
48,5	116,5	17	R _p 1/8	44	26	3	47,1	83	80	19 500	11 300
51,3	130	17	R _p 1/8	51	26,5	4	49,3	94	90	25 500	15 300
56,5	143,5	20	R _p 1/8	58	30,5	4	54,9	105	100	32 500	19 800
56,5	148,5	20	R _p 1/8	63	31	4	54,9	111	105	32 500	20 400
62,8	157	24	R _p 1/8	69	35	4	62,1	116	105	35 000	23 200
77,9	202	30	R _p 1/8	84	42	4	76,8	138	130	52 000	36 000



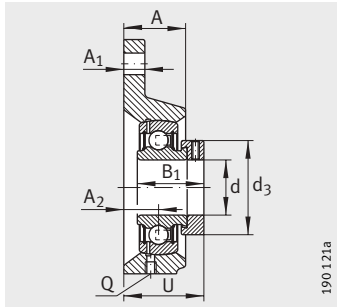
Three-bolt flanged housing units

Cast iron housings



PCFTR

Dimension table · Dimensions in mm							
Designation			Mass m ≈ kg	Dimensions			
Unit	Housing	Radial insert ball bearing		d	H ₂	H ₁	A ₁
PCFTR12	GG.CFTR03	GRAE12-NPP-B	0,4	12	81	31	11
PCFTR15	GG.CFTR03	GRAE15-NPP-B	0,4	15	81	31	11
PCFTR17	GG.CFTR03	GRAE17-NPP-B	0,4	17	81	31	11
PCFTR20	GG.CFTR04	GRAE20-NPP-B	0,56	20	92	35	11
PCFTR25	GG.CFTR05	GRAE25-NPP-B	0,71	25	97	36	12
PCFTR30	GG.CFTR06	GRAE30-NPP-B	0,99	30	117	44	12
PCFTR35	GG.CFTR07	GRAE35-NPP-B	1,34	35	128	48	14
PCFTR40	GG.CFTR08	GRAE40-NPP-B	1,83	40	137	51	16
PCFTR45	GG.CFTR09	GRAE45-NPP-B	2	45	150	55	16
PCFTR50	GG.CFTR10	GRAE50-NPP-B	2,15	50	150	55	16



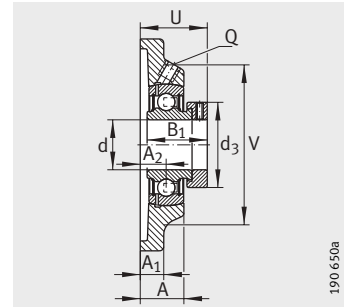
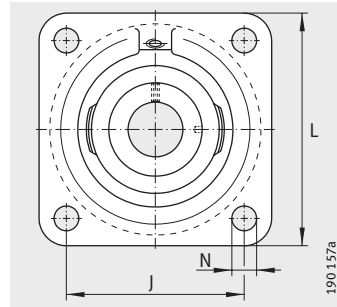
PCFTR

								Basic load ratings	
N	B ₁	J	A ₂	Q	d ₃ max.	A	U	dyn. C _r N	stat. C _{0r} N
11,5	28,6	76,1	10	M6	28	20	32,1	9 800	4 750
11,5	28,6	76,1	10	M6	28	20	32,1	9 800	4 750
11,5	28,6	76,1	10	M6	28	20	32,1	9 800	4 750
11,5	31	89,5	10,5	R _p 1/8	33	20	34	12 800	6 600
11,5	31	96	12,5	R _p 1/8	37,5	22	36	14 000	7 800
11,5	35,8	116	13,3	R _p 1/8	44	24	40	19 500	11 300
14	39	129,7	15,6	R _p 1/8	51	27	45,1	25 500	15 300
14	43,8	140	18,3	R _p 1/8	58	30	51	32 500	19 800
14	43,8	160	19,2	R _p 1/8	63	33	51,9	32 500	20 400
14	43,8	160	19,2	R _p 1/8	69	33	51,9	35 000	23 200



Four-bolt flanged housing units

Cast iron housings



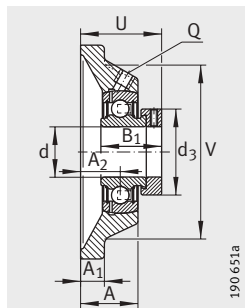
PCF, PCJ (-N-FA125),
RCJ (-N-FA125, -FA164), TCJ,
PCJY, RCJY, RCJY...JIS

PCF

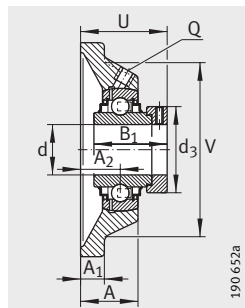
Dimension table · Dimensions in mm							
Designation			Mass	Dimensions			
Unit	Housing	Radial insert ball bearing	m ≈ kg	d	L	A ₁	N
PCJ12	GG.CJ03	GRAE12-NPP-B	0,52	12	76	9,5	11,5
PCJY12	GG.CJ03	GAY12-NPP-B	0,5	12	76	9,5	11,5
RCJY12	GG.CJ03	GYE12-KRR-B	0,51	12	76	9,5	11,5
PCJ15	GG.CJ03	GRAE15-NPP-B	0,52	15	76	9,5	11,5
PCJY15	GG.CJ03	GAY15-NPP-B	0,49	15	76	9,5	11,5
RCJY15	GG.CJ03	GYE15-KRR-B	0,51	15	76	9,5	11,5
RCJY16	GG.CJ03	GYE16-KRR-B	0,51	16	76	9,5	11,5
PCJ17	GG.CJ03	GRAE17-NPP-B	0,52	17	76	9,5	11,5
RCJ17	GG.CJ03	GE17-KRR-B	0,56	17	76	9,5	11,5
PCJY17	GG.CJ03	GAY17-NPP-B	0,48	17	76	9,5	11,5
RCJY17	GG.CJ03	GYE17-KRR-B	0,51	17	76	9,5	11,5
PCF20	GG.CF04	GRAE20-NPP-B	0,55	20	86	10	11,5
PCJ20-N	GG.CJ04-N	GRAE20-NPP-B	0,61	20	86	10	11,5
PCJ20-N-FA125	GG.CJ04-N-FA125.1	GRAE20-NPP-B-FA125.5	0,61	20	86	10	11,5
RCJ20-N	GG.CJ04-N	GE20-KRR-B	0,65	20	86	10	11,5
RCJ20-N-FA125	GG.CJ04-N-FA125.1	GE20-KRR-B-FA125.5	0,65	20	86	10	11,5
TCJ20-N	GG.CJ04-N	GE20-KTT-B	0,65	20	86	10	11,5
PCJY20-N	GG.CJ04-N	GAY20-NPP-B	0,58	20	86	10	11,5
RCJY20-N	GG.CJ04-N	GYE20-KRR-B	0,62	20	86	10	11,5
RCJY20-JIS	GG.F204	GYE20-KRR-B-FA107	0,6	20	86	12	12
PCF25	GG.CF05	GRAE25-NPP-B	0,71	25	95	11	11,5
PCJ25-N	GG.CJ05-N	GRAE25-NPP-B	0,76	25	95	11	11,5
PCJ25-N-FA125	GG.CJ05-N-FA125.1	GRAE25-NPP-B-FA125.5	0,76	25	95	11	11,5
RCJ25-N	GG.CJ05-N	GE2-KRR-B	0,82	25	95	11	11,5
RCJ25-N-FA125	GG.CJ05-N-FA125.1	GE25-KRR-B-FA125.5	0,82	25	95	11	11,5
RCJ25-FA164¹⁾	GG.CJ05-N	GE25-KRR-B-FA164	0,82	25	95	11	11,5
TCJ25-N	GG.CJ05-N	GE25-KTT-B	0,82	25	95	11	11,5
PCJY25-N	GG.CJ05-N	GAY25-NPP-B	0,73	25	95	11	11,5
RCJY25-N	GG.CJ05-N	GYE25-KRR-B	0,77	25	95	11	11,5
RCJY25-JIS	GG.F205	GYE25-KRR-B-FA107	0,76	25	95	14	12

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

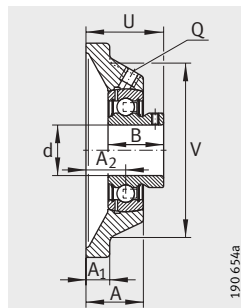
²⁾ To be ordered separately.



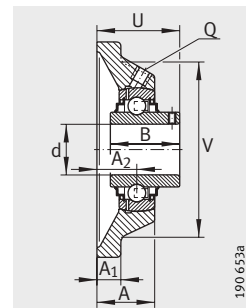
PCJ (-FA125)



RCJ (-FA125, -FA164),
TCJ



PCJY



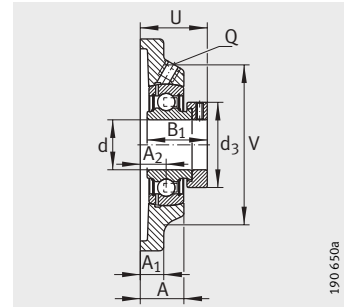
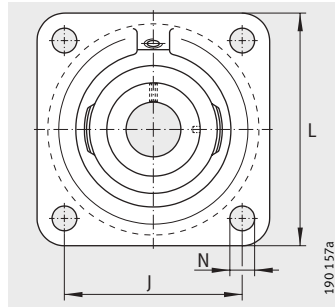
RCJY (-JIS)

									Basic load ratings		End cap ²⁾
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N	
–	28,6	54	17	M6	28	27	39,1	58	9 800	4 750	–
22	–	54	17	M6	–	27	33	58	9 800	4 750	–
27,4	–	54	17	M6	–	27	32,9	58	9 800	4 750	–
–	28,6	54	17	M6	28	27	39,1	58	9 800	4 750	–
22	–	54	17	M6	–	27	33	58	9 800	4 750	–
27,4	–	54	17	M6	–	27	32,9	58	9 800	4 750	–
–	28,6	54	17	M6	–	27	32,9	58	9 800	4 750	–
–	28,6	54	17	M6	28	27	39,1	58	9 800	4 750	–
–	37,4	54	17	M6	28	27	40,4	58	9 800	4 750	–
22	–	54	17	M6	–	27	33	58	9 800	4 750	–
27,4	–	54	17	M6	–	27	32,9	58	9 800	4 750	–
–	31	63,5	10,5	R _p 1/8	33	20	34	68	12 800	6 600	–
–	31	63,5	19	R _p 1/8	33	29	42,5	68	12 800	6 600	KASK04
–	31	63,5	19	R _p 1/8	33	29	42,5	68	12 800	6 600	KASK04
–	43,7	63,5	19	R _p 1/8	33	29	45,6	68	12 800	6 600	KASK04
–	43,7	63,5	19	R _p 1/8	33	29	45,6	68	12 800	6 600	KASK04
–	43,7	63,5	19	R _p 1/8	33	29	45,6	68	12 800	6 600	KASK04
25	–	63,5	19	R _p 1/8	–	29	37	68	12 800	6 600	KASK04
31	–	63,5	19	R _p 1/8	–	29	37,3	68	12 800	6 600	KASK04
31	–	64	15	M6	–	25,5	33,3	–	12 800	6 600	–
–	31	70	12,5	R _p 1/8	37,5	22	36	74	14 000	7 800	–
–	31	70	19	R _p 1/8	37,5	29	42,5	74	14 000	7 800	KASK05
–	31	70	19	R _p 1/8	37,5	29	42,5	74	14 000	7 800	KASK05
–	44,5	70	19	R _p 1/8	37,5	29	45,9	74	14 000	7 800	KASK05
–	44,5	70	19	R _p 1/8	37,5	29	46	74	14 000	7 800	KASK05
–	44,5	70	19	R _p 1/8	37,5	29	46	74	14 000	7 800	–
–	44,5	70	19	R _p 1/8	37,5	29	45,9	74	14 000	7 800	KASK05
27	–	70	19	R _p 1/8	–	29	38,5	74	14 000	7 800	KASK05
34,1	–	70	19	R _p 1/8	–	29	38,8	74	14 000	7 800	KASK05
34,1	–	70	16	M6	–	27	35,8	–	14 000	7 800	–



Four-bolt flanged housing units

Cast iron housings



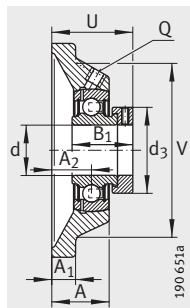
PCF, PCJ (-N-FA125),
RCJ (-N-FA125, -FA164), RCJO,
TCJ, PCJY, RCJY, RCJY (-JIS), RCJL

PCF

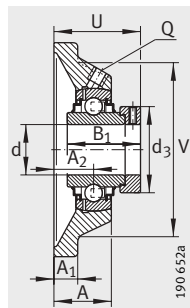
Dimension table (continued) - Dimensions in mm							
Designation			Mass	Dimensions			
Unit	Housing	Radial insert ball bearing	m ≈ kg	d	L	A ₁	N
PCF30	GG.CF06	GRAE30-NPP-B	1,01	30	108	12	11,5
PCJ30-N	GG.CJ06-N	GRAE30-NPP-B	1,09	30	108	12	11,5
PCJ30-N-FA125	GG.CJ06-N-FA125.1	GRAE30-NPP-B-FA125.5	1,09	30	108	12	11,5
RCJ30-N	GG.CJ06-N	GE30-KRR-B	1,16	30	108	12	11,5
RCJ30-N-FA125	GG.CJ06-N-FA125.1	GE30-KRR-B-FA125.5	1,16	30	108	12	11,5
TCJ30-N	GG.CJ06-N	GE30-KTT-B	1,16	30	108	12	11,5
RCJL30-N	GG.CJ06-N	GLE30-KRR-B	1,08	30	108	12	11,5
RCJO30	GG.CJ006	GNE30-KRR-B	1,75	30	125	15	14,5
PCJY30-N	GG.CJ06-N	GAY30-NPP-B	1,03	30	108	12	11,5
RCJY30-N	GG.CJ06-N	GYE30-KRR-B	1,11	30	108	12	11,5
RCJY30-JIS	GG.F206	GYE30-KRR-B-FA107	1,17	30	108	14	12
PCF35	GG.CF07	GRAE35-NPP-B	1,37	35	118	12,5	14
PCJ35-N	GG.CJ07-N	GRAE35-NPP-B	1,4	35	118	12,5	14
PCJ35-N-FA125	GG.CJ07-N-FA125.1	GRAE35-NPP-B-FA125.5	1,4	35	118	12,5	14
RCJ35-N	GG.CJ07-N	GE35-KRR-B	1,47	35	118	12,5	14
RCJ35-N-FA125	GG.CJ07-N-FA125.1	GE35-KRR-B-FA125.5	1,47	35	118	12,5	14
RCJ35-FA164¹⁾	GG.CJ07-N	GE35-KRR-B-FA164	1,47	35	118	12,5	14
TCJ35-N	GG.CJ07-N	GE35-KTT-B	1,47	35	118	12,5	14
RCJL35-N	GG.CJ07-N	GLE35-KRR-B	1,35	35	118	12,5	14
RCJO35	GG.CJ007	GNE35-KRR-B	2,55	35	135	16	19
PCJY35-N	GG.CJ07-N	GAY35-NPP-B	1,31	35	118	12,5	14
RCJY35-N	GG.CJ07-N	GYE35-KRR-B	1,41	35	118	12,5	14
RCJY35-JIS	GG.F207	GYE35-KRR-B-FA107	1,47	35	117	16	14
PCF40	GG.CF08	GRAE40-NPP-B	1,72	40	130	13	14
PCJ40-N	GG.CJ08-N	GRAE40-NPP-B	1,9	40	130	13	14
PCJ40-N-FA125	GG.CJ08-N-FA125.1	GRAE40-NPP-B-FA125.5	1,9	40	130	13	14
RCJ40-N	GG.CJ08-N	GE40-KRR-B	2,02	40	130	13	14
RCJ40-N-FA125	GG.CJ08-N-FA125.1	GE40-KRR-B-FA125.5	2,02	40	130	13	14
RCJ40-FA164¹⁾	GG.CJ08-N	GE40-KRR-B-FA164	2,02	40	130	13	14
TCJ40-N	GG.CJ08-N	GE40-KTT-B	2,02	40	130	13	14
RCJL40-N	GG.CJ08-N	GLE40-KRR-B	1,86	40	130	13	14
RCJO40	GG.CJ008	GNE40-KRR-B	3,1	40	150	17	19
PCJY40-N	GG.CJ08-N	GAY40-NPP-B	1,79	40	130	13	14
RCJY40-N	GG.CJ08-N	GYE40-KRR-B	1,93	40	130	13	14
RCJY40-JIS	GG.F208	GYE40-KRR-B-FA107	1,91	40	130	16	16

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

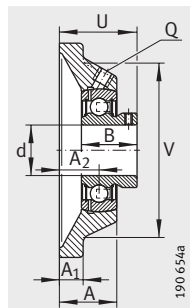
²⁾ To be ordered separately.



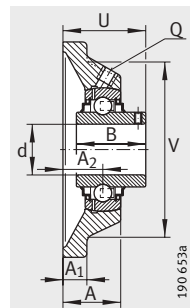
PCJ (-N-FA125)



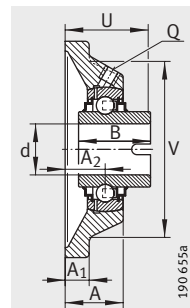
RCJ (-N-FA125,
-FA164), RCJO, TCJ



PCJY



RCJY (-JIS)



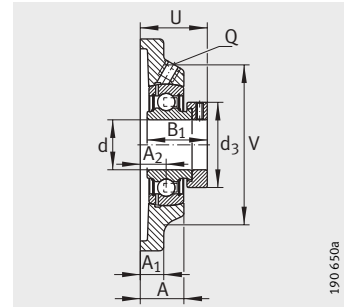
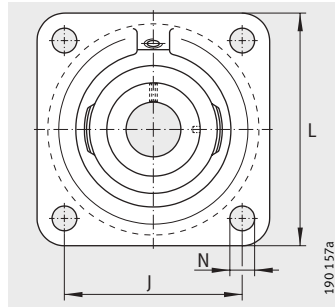
RCJL

									Basic load ratings		End cap ²⁾
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N	
–	35,8	82,5	13,3	R _p 1/8	44	22,3	40	85	19 500	11 300	–
–	35,8	82,5	20	R _p 1/8	44	29	46,7	85	19 500	11 300	KASK06
–	35,8	82,5	20	R _p 1/8	44	29	46,7	85	19 500	11 300	KASK06
–	48,5	82,5	20	R _p 1/8	44	29	50,1	85	19 500	11 300	KASK06
–	48,5	82,5	20	R _p 1/8	44	29	50,1	85	19 500	11 300	KASK06
–	48,5	82,5	20	R _p 1/8	44	29	50,1	85	19 500	11 300	KASK06
36,5	–	82,5	20	R _p 1/8	–	29	42	85	19 500	11 300	KASK06
–	50	95	20,6	R _p 1/8	51	30,6	53,1	98	29 500	16 700	–
30	–	82,5	20	R _p 1/8	–	29	41	85	19 500	11 300	KASK06
38,1	–	82,5	20	R _p 1/8	–	29	42,2	85	19 500	11 300	KASK06
38,1	–	83	18	M6	–	31	40,2	–	19 500	11 300	–
–	39	92	15,5	R _p 1/8	51	25	44,9	100	25 500	15 300	–
–	39	92	21	R _p 1/8	51	30,5	50,4	100	25 500	15 300	KASK07
–	39	92	21	R _p 1/8	51	30,5	50,4	100	25 500	15 300	KASK07
–	51,3	92	21	R _p 1/8	51	30,5	53,3	100	25 500	15 300	KASK07
–	51,3	92	21	R _p 1/8	51	30,5	53,3	100	25 500	15 300	KASK07
–	51,3	92	21	R _p 1/8	51	30,5	53,4	100	25 500	15 300	–
–	51,3	92	21	R _p 1/8	51	30,5	53,3	100	25 500	15 300	KASK07
37,7	–	92	21	R _p 1/8	–	30,5	43	100	25 500	15 300	KASK07
–	51,6	100	20	R _p 1/8	55	31	53,4	104	36 500	20 900	–
35	–	92	21	R _p 1/8	–	30,5	46,5	100	25 500	15 300	KASK07
42,9	–	92	21	R _p 1/8	–	30,5	46,4	100	25 500	15 300	KASK07
42,9	–	92	19	M6	–	34	44,4	–	25 500	15 300	–
–	43,8	101,5	18,3	R _p 1/8	58	28,8	51	110	32 500	19 800	–
–	43,8	101,5	24	R _p 1/8	58	34,5	56,7	110	32 500	19 800	KASK08
–	43,8	101,5	24	R _p 1/8	58	34,5	56,7	110	32 500	19 800	KASK08
–	56,5	101,5	24	R _p 1/8	58	34,5	58,1	110	32 500	19 800	KASK08
–	56,5	101,5	24	R _p 1/8	58	34,5	59,1	110	32 500	19 800	KASK08
–	56,5	101,5	24	R _p 1/8	58	34,5	59,1	110	32 500	19 800	–
–	56,5	101,5	24	R _p 1/8	58	34,5	58,1	110	32 500	19 800	KASK08
42,9	–	101,5	24	R _p 1/8	–	34,5	51	110	32 500	19 800	KASK08
–	54,6	112	23	R _p 1/8	63	34,5	59,6	121	44 500	26 000	–
39,5	–	101,5	24	R _p 1/8	–	34,5	53	110	32 500	19 800	KASK08
49,2	–	101,5	24	R _p 1/8	–	34,5	54,2	110	32 500	19 800	KASK08
49,2	–	102	21	M6	–	36	51,2	–	32 500	19 800	–



Four-bolt flanged housing units

Cast iron housings



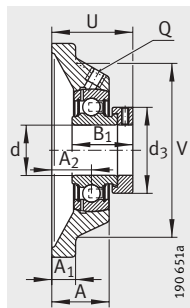
PCF, PCJ (-N-FA125, -FA125),
RCJ (-N-FA125, -FA125, -FA164),
RCJO, TCJ, PCJY, RCJY (-JIS), RCJL

PCF

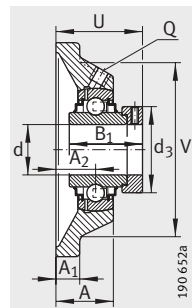
Dimension table (continued) · Dimensions in mm							
Designation			Mass	Dimensions			
Unit	Housing	Radial insert ball bearing	m ≈ kg	d	L	A ₁	N
PCF45	GG.CF09	GRAE45-NPP-B	1,99	45	137	13	14
PCJ45	GG.CJ09	GRAE45-NPP-B	2,22	45	137	13	14
PCJ45-FA125	GG.CJ09-FA125.1	GRAE45-NPP-B-FA125.5	2,22	45	137	13	14
RCJ45	GG.CJ09	GE45-KRR-B	2,26	45	137	13	14
RCJ45-FA125	GG.CJ09-FA125.1	GE45-KRR-B-FA125.5	2,26	45	137	13	14
TCJ45	GG.CJ09	GE45-KTT-B	2,31	45	137	13	14
PCJY45	GG.CJ09	GAY45-NPP-B	2	45	137	13	14
RCJY45	GG.CJ09	GYE45-KRR-B	2,15	45	137	13	14
RCJY45-JIS	GG.F209	GYE45-KRR-B-FA107	2,28	45	137	18	16
PCF50	GG.CF10	GRAE50-NPP-B	2,2	50	143	13	14
PCJ50-N	GG.CJ10-N	GRAE50-NPP-B	2,3	50	143	13	18
PCJ50-N-FA125	GG.CJ10-N-FA125.1	GRAE50-NPP-B-FA125.5	2,3	50	143	13	18
RCJ50-N	GG.CJ10-N	GE50-KRR-B	2,53	50	143	13	18
RCJ50-N-FA125	GG.CJ10-N-FA125.1	GE50-KRR-B-FA125.5	2,53	50	143	13	18
RCJ50-FA164¹⁾	GG.CJ10-N	GE50-KRR-B-FA164	2,53	50	143	13	18
TCJ50-N	GG.CJ10-N	GE50-KTT-B	2,53	50	143	13	18
RCJL50-N	GG.CJ10-N	GLE50-KRR-B	2,29	50	143	13	18
RCJO50	GG.CJO10	GNE50-KRR-B	4,9	50	175	19	23
PCJY50-N	GG.CJ10-N	GAY50-NPP-B	2,15	50	143	13	18
RCJY50-N	GG.CJ10-N	GYE50-KRR-B	2,33	50	143	13	18
RCJY50-JIS	GG.F210	GYE50-KRR-B-FA107	2,54	50	143	18	16
PCJ55	GG.CJ11	GRAE55-NPP-B	2,91	55	162	15	18
RCJ55	GG.CJ11	GE55-KRR-B	3,52	55	162	15	18
TCJ55	GG.CJ11	GE55-KTT-B	3,57	55	162	15	18
RCJY55	GG.CJ11	GYE55-KRR-B	3,2	55	162	15	18
RCJY55-JIS	GG.F211	GYE55-KRR-B-FA107	3,3	55	162	20	19
PCJ60-N	GG.CJ12-N	GRAE60-NPP-B	4,1	60	175	16	18
RCJ60-N	GG.CJ12-N	GE60-KRR-B	4,54	60	175	16	18
RCJ60-FA164¹⁾	GG.CJ12-N	GE60-KRR-B-FA164	4,54	60	175	16	18
TCJ60-N	GG.CJ12-N	GE60-KTT-B	4,54	60	175	16	18
RCJL60-N	GG.CJ12-N	GLE60-KRR-B	4,22	60	175	16	18
RCJO60	GG.CJO12	GNE60-KRR-B	6,8	60	195	22	23
PCJY60-N	GG.CJ12-N	GAY60-NPP-B	4,02	60	175	16	18
RCJY60-N	GG.CJ12-N	GYE60-KRR-B	4,22	60	175	16	18
RCJY60-JIS	GG.F212	GYE60-KRR-B-FA107	4,22	60	175	20	19

¹⁾ With lubrication nipple DIN 71412-AR 1/8.

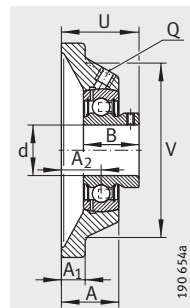
²⁾ To be ordered separately.



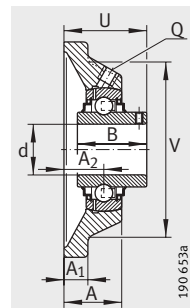
PCJ (-N-FA125,
-FA125)



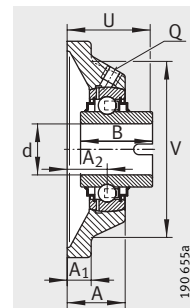
RCJ (-N-FA125,
-FA125, -FA164),
RCJO, TCJ



PCJY



RCJY (-JIS)



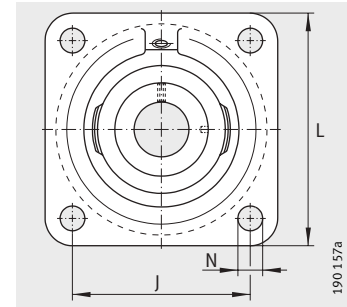
RCJL

									Basic load ratings		End cap ²⁾
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N	
–	43,8	105	19,2	R _p 1/8	63	30,2	51,9	116	32 500	20 400	–
–	43,8	105	24	R _p 1/8	63	35	56,7	116	32 500	20 400	–
–	43,8	105	24	R _p 1/8	63	35	56,7	116	32 500	20 400	–
–	56,5	105	24	R _p 1/8	63	35	58,1	116	32 500	20 400	–
–	56,5	105	24	R _p 1/8	63	35	59,1	116	32 500	20 400	–
–	56,5	105	24	R _p 1/8	63	35	58,1	116	32 500	20 400	–
41,5	–	105	24	R _p 1/8	–	35	54,5	116	32 500	20 400	–
49,2	–	105	24	R _p 1/8	–	35	54,2	116	32 500	20 400	–
49,2	–	105	22	M6	–	38	52,2	–	32 500	20 400	–
–	43,8	111	19,2	R _p 1/8	69	30,2	51,4	125	35 000	23 200	–
–	43,8	111	28	R _p 1/8	69	39	60,7	125	35 000	23 200	KASK10
–	43,8	111	28	R _p 1/8	69	39	60,7	125	35 000	23 200	KASK10
–	62,8	111	28	R _p 1/8	69	39	66,1	125	35 000	23 200	KASK10
–	62,8	111	28	R _p 1/8	69	39	66,1	125	35 000	23 200	KASK10
–	62,8	111	28	R _p 1/8	69	39	66,1	125	35 000	23 200	–
–	62,8	111	28	R _p 1/8	69	39	66,1	125	35 000	23 200	KASK10
49,2	–	111	28	R _p 1/8	–	39	58,2	125	35 000	23 200	KASK10
–	66,8	132	28	R _p 1/8	75,8	42,5	70,1	144	62 000	38 000	–
43	–	111	28	R _p 1/8	–	39	60	125	35 000	23 200	KASK10
51,6	–	111	28	R _p 1/8	–	39	60,6	125	35 000	23 200	KASK10
51,6	–	111	22	M6	–	40	54,6	–	35 000	23 200	–
–	48,4	130	31	R _p 1/8	76	43,5	67,4	140	43 500	29 000	–
–	71,4	130	31	R _p 1/8	76	43,5	74,6	140	43 500	29 000	–
–	71,4	130	31	R _p 1/8	76	43,5	74,6	140	43 500	29 000	–
55,6	–	130	31	R _p 1/8	–	43,5	64,4	140	43 500	29 000	–
55,6	–	130	25	M6	–	43	58,4	–	43 500	29 000	–
–	53,1	143	34	R _p 1/8	84	46	73,6	150	52 000	36 000	KASK12
–	77,9	143	34	R _p 1/8	84	46	80,8	150	52 000	36 000	KASK12
–	77,9	143	34	R _p 1/8	84	46	81	150	52 000	36 000	–
–	77,9	143	34	R _p 1/8	84	46	80,8	150	52 000	36 000	KASK12
61,9	–	143	34	R _p 1/8	–	46	71,3	150	52 000	36 000	KASK12
–	68,4	150	33	R _p 1/8	89	49,5	78,4	170	82 000	52 000	–
47	–	143	34	R _p 1/8	–	46	68	150	52 000	36 000	KASK12
65,1	–	143	34	R _p 1/8	–	46	73,7	150	52 000	36 000	KASK12
65,1	–	143	29	M6	–	48	68,7	–	52 000	36 000	–



Four-bolt flanged housing units

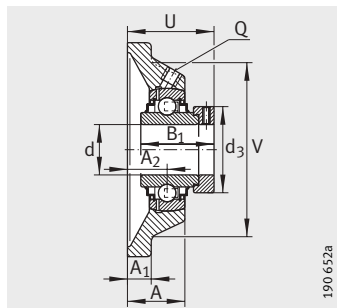
Cast iron housings



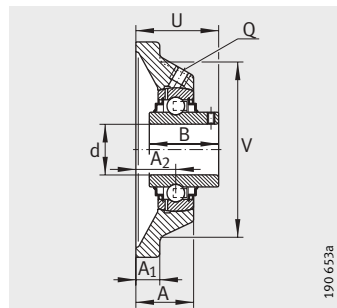
RCJ (-FA164), RCJO, TCJ,
RCJL, RCJY

Dimension table (continued) - Dimensions in mm							
Designation			Mass	Dimensions			
Unit	Housing	Radial insert ball bearing	m ≈kg	d	L	A ₁	N
RCJ65	GG.CJ14	GE65-214-KRR-B	6,11	65	188	18	18
RCJ65-FA164 ¹⁾	GG.CJ14	GE65-214-KRR-B-FA164	6,11	65	188	18	18
TCJ65	GG.CJ14	GE65-214-KTT-B	6,11	65	188	18	18
RCJY65	GG.CJ14	GYE65-214-KRR-B	5,65	65	188	18	18
RCJ70	GG.CJ14	GE70-KRR-B	5,85	70	188	18	18
TCJ70	GG.CJ14	GE70-KTT-B	5,85	70	188	18	18
RCJL70	GG.CJ14	GLE70-KRR-B	5,65	70	188	18	18
RCJO70	GG.CJO14	GNE70-KRR-B	10	70	226	25	25
RCJY70	GG.CJ14	GYE70-KRR-B	5,35	70	188	18	18
RCJ75	GG.CJ15	GE75-KRR-B	6,5	75	197	20	23
TCJ75	GG.CJ15	GE75-KTT-B	6,5	75	197	20	23
RCJY75	GG.CJ15	GYE75-KRR-B	6,04	75	197	20	23
RCJ80	GG.CJ16	GE80-KRR-B	6,85	80	197	20	23
TCJ80	GG.CJ16	GE80-KTT-B	6,85	80	197	20	23
RCJO80	GG.CJO16	GNE80-KRR-B	17,15	80	250	25	28
RCJY80	GG.CJ16	GYE80-KRR-B	6,82	80	197	20	23
RCJ90	GG.CJ18	GE90-KRR-B	9	90	235	22	23
RCJO90	GG.CJO18	GNE90-KRR-B	21,6	90	280	28,5	28
RCJY90	GG.CJ18	GYE90-KRR-B	9,48	90	235	22	23
RCJ100	GG.CJ20	GE100-KRR-B	12,25	100	265	25	27
RCJO100	GG.CJO20	GNE100-KRR-B	33,6	100	310	32	32
RCJ120	GG.CJ24	GE120-KRR-B	18	120	305	28	30

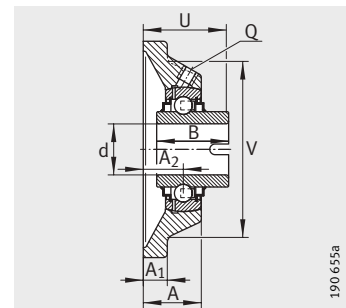
¹⁾ With lubrication nipple DIN 71412-AR 1/8.



RCJ (-FA164), RCJO, TCJ



RCJY



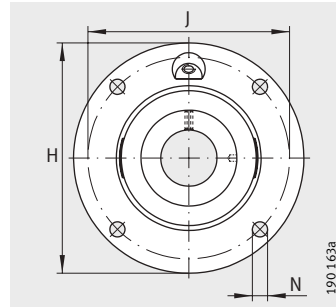
RCJL

									Basic load ratings	
B	B ₁	J	A ₂	Q	d ₃ max.	A	U	V	dyn. C _r N	stat. C _{0r} N
–	66	150	38	R _p 1/8	96	52	82,6	165	62 000	44 000
–	66	150	38	R _p 1/8	96	52	82,6	165	62 000	44 000
–	66	150	38	R _p 1/8	96	52	82,6	165	62 000	44 000
74,6	–	150	38	R _p 1/8	–	52	82,4	165	62 000	44 000
–	66	150	38	R _p 1/8	96	52	82,6	165	62 000	44 000
–	66	150	38	R _p 1/8	96	52	82,6	165	62 000	44 000
68,2	–	150	38	R _p 1/8	–	52	79,2	165	62 000	44 000
–	75,4	178	36	R _p 1/8	102	54,5	85,4	196	104 000	68 000
74,6	–	150	38	R _p 1/8	–	52	82,4	165	62 000	44 000
–	67	153	41,3	R _p 1/8	100	55,8	86,9	170	62 000	44 500
–	67	153	41,3	R _p 1/8	100	55,8	86,9	170	62 000	44 500
77,8	–	153	41,3	R _p 1/8	–	55,8	85,8	170	62 000	44 500
–	70,7	153	41,3	R _p 1/8	108	55,8	88,9	180	72 000	54 000
–	70,7	153	41,3	R _p 1/8	108	55,8	88,9	180	72 000	54 000
–	93,6	196	50	R _p 1/8	118	80	109,7	210	123 000	87 000
82,6	–	153	41,3	R _p 1/8	–	55,8	90,6	180	72 000	54 000
–	69,5	187	23,8	R _p 1/8	118	39,8	70,3	200	96 000	72 000
–	101	216	48,5	R _p 1/8	132	85	114	230	143 000	107 000
96	–	187	23,8	R _p 1/8	–	39,8	80,1	200	96 000	72 000
–	75	210	28	R _p 1/8	132	46	77,5	230	122 000	93 000
–	109,5	242	55	R _p 1/8	145	97	125	268	174 000	140 000
–	81	240	31	R _p 1/8	152	51	83	270	155 000	131 000

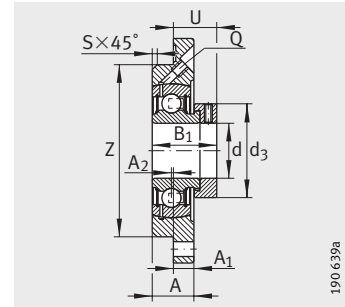


Four-bolt flanged housing units with centring spigot

Cast iron housings



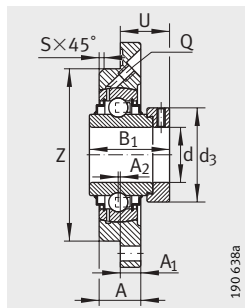
PME, RME, RME0, TME, PMEY, RMEY



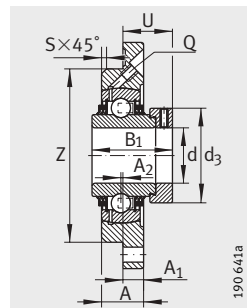
PME

Dimension table · Dimensions in mm							
Designation			Mass m ≈kg	Dimensions			
Unit	Housing	Radial insert ball bearing		d	H	A ₁	N
PME20-N	GG.ME04-N	GRAE20-NPP-B	0,53	20	100	8	9
RME20-N	GG.ME04-N	GE20-KRR-B	0,57	20	100	8	9
TME20-N	GG.ME04-N	GE20-KTT-B	0,57	20	100	8	9
PMEY20-N	GG.ME04-N	GAY20-NPP-B	0,5	20	100	8	9
RMEY20-N	GG.ME04-N	GYE20-KRR-B	0,54	20	100	8	9
PME25-N	GG.ME05-N	GRAE25-NPP-B	0,74	25	115	9	9
RME25-N	GG.ME05-N	GE25-KRR-B	0,8	25	115	9	9
TME25-N	GG.ME05-N	GE25-KTT-B	0,8	25	115	9	9
PMEY25-N	GG.ME05-N	GAY25-NPP-B	0,71	25	115	9	9
RMEY25-N	GG.ME05-N	GYE25-KRR-B	0,75	25	115	9	9
PME30-N	GG.ME06-N	GRAE30-NPP-B	0,97	30	125	9,5	11,5
RME30-N	GG.ME06-N	GE30-KRR-B	1,04	30	125	9,5	11,5
TME30-N	GG.ME06-N	GE30-KTT-B	1,05	30	125	9,5	11,5
PMEY30-N	GG.ME06-N	GAY30-NPP-B	0,91	30	125	9,5	11,5
RMEY30-N	GG.ME06-N	GYE30-KRR-B	0,99	30	125	9,5	11,5
PME35-N	GG.ME07-N	GRAE35-NPP-B	1,27	35	135	10	11,5
RME35-N	GG.ME07-N	GE35-KRR-B	1,34	35	135	10	11,5
TME35-N	GG.ME07-N	GE35-KTT-B	1,35	35	135	10	11,5
RME035	GG.ME007	GNE35-KRR-B	2,4	35	174	16	19
PMEY35-N	GG.ME07-N	GAY35-NPP-B	1,18	35	135	10	11,5
RMEY35-N	GG.ME07-N	GYE35-KRR-B	1,28	35	135	10	11,5
PME40-N	GG.ME08-N	GRAE40-NPP-B	1,62	40	145	11,5	11,5
RME40-N	GG.ME08-N	GE40-KRR-B	1,74	40	145	11,5	11,5
TME40-N	GG.ME08-N	GE40-KTT-B	1,77	40	145	11,5	11,5
RME040	GG.ME008	GNE40-KRR-B	3,4	40	194	17	19
PMEY40-N	GG.ME08-N	GAY40-NPP-B	1,51	40	145	11,5	11,5
RMEY40-N	GG.ME08-N	GYE40-KRR-B	1,65	40	145	11,5	11,5
PME45	GG.ME09	GRAE45-NPP-B	1,93	45	155	12	14
RME45	GG.ME09	GE45-KRR-B	2,05	45	155	12	14
TME45	GG.ME09	GE45-KTT-B	2,1	45	155	12	14
PMEY45	GG.ME09	GAY45-NPP-B	1,79	45	155	12	14
RMEY45	GG.ME09	GYE45-KRR-B	1,94	45	155	12	14

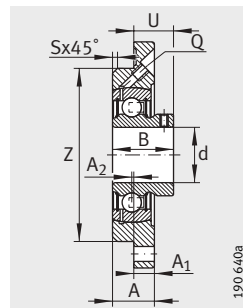
¹⁾ To be ordered separately.



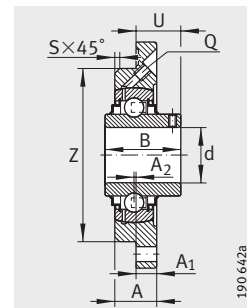
RME, RMEO



TME



PMEY



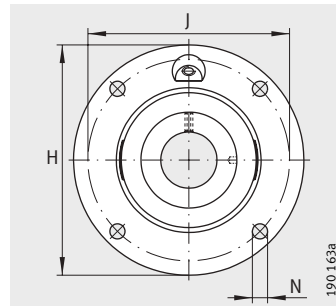
RMEY

										Basic load ratings		End cap ¹⁾
B	B ₁	J	A ₂	Q	d ₃ max.	S	A	U	Z h8	dyn. C _r N	stat. C _{0r} N	
–	31	78	2	M6	33	2	17	21,5	62	12 800	6 600	KASK04
–	43,7	78	2	M6	33	2	17	24,6	62	12 800	6 600	KASK04
–	43,7	78	2	M6	33	2	17	24,6	62	12 800	6 600	KASK04
25	–	78	2	M6	–	2	17	16	62	12 800	6 600	KASK04
31	–	78	2	M6	–	2	17	16,3	62	12 800	6 600	KASK04
–	31	90	2,5	M6	37,5	2	19	21	70	14 000	7 800	KASK05
–	44,5	90	2,5	M6	37,5	2	19	24,4	70	14 000	7 800	KASK05
–	44,5	90	2,5	M6	37,5	2	19	24,4	70	14 000	7 800	KASK05
27	–	90	2,5	M6	–	2	19	17	70	14 000	7 800	KASK05
34,1	–	90	2,5	M6	–	2	19	17,3	70	14 000	7 800	KASK05
–	35,8	100	2	M6	44	2	20,5	24,7	80	19 500	11 300	KASK06
–	48,5	100	2	M6	44	2	20,5	28,1	80	19 500	11 300	KASK06
–	48,5	100	2	M6	44	2	20,5	28,1	80	19 500	11 300	KASK06
30	–	100	2	M6	–	2	20,5	19	80	19 500	11 300	KASK06
38,1	–	100	2	M6	–	2	20,5	20,2	80	19 500	11 300	KASK06
–	39	110	1	M6	51	2	20,5	28,4	90	25 500	15 300	KASK07
–	51,3	110	1	M6	51	2	20,5	31,3	90	25 500	15 300	KASK07
–	51,3	110	1	M6	51	2	20,5	31,3	90	25 500	15 300	KASK07
–	51,6	141	–2	M6	55	2	25	25,4	100	36 500	20 900	–
35	–	110	1	M6	–	2	20,5	24,5	90	25 500	15 300	KASK07
42,9	–	110	1	M6	–	2	20,5	24,4	90	25 500	15 300	KASK07
–	43,8	120	1	M6	58	2	23	31,7	100	32 500	19 800	KASK08
–	56,5	120	1	M6	58	2	23	33,9	100	32 500	19 800	KASK08
–	56,5	120	1	M6	58	2	23	33,9	100	32 500	19 800	KASK08
–	54,6	158	–2,5	M6	63	2	27	39,1	115	44 500	26 000	–
39,5	–	120	1	M6	–	2	23	28	100	32 500	19 800	KASK08
49,2	–	120	1	M6	–	2	23	29,2	100	32 500	19 800	KASK08
–	43,8	130	2	M6	63	2	25	30,7	105	32 500	20 400	–
–	56,5	130	2	M6	63	2	25	32,9	105	32 500	20 400	–
–	56,5	130	2	M6	63	2	25	32,9	105	32 500	20 400	–
41,5	–	130	2	M6	–	2	25	28,5	105	32 500	20 400	–
49,2	–	130	2	M6	–	2	25	28,2	105	32 500	20 400	–

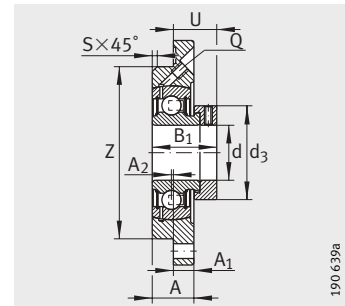


Four-bolt flanged housing units with centring spigot

Cast iron housings



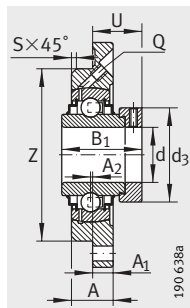
PME, RME, RME0, TME, PMEY, RMEY



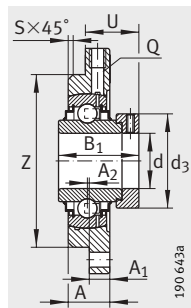
PME

Dimension table (continued) · Dimensions in mm							
Designation			Mass m ≈ kg	Dimensions			
Unit	Housing	Radial insert ball bearing		d	H	A ₁	N
PME50-N	GG.ME10-N	GRAE50-NPP-B	2,3	50	165	13	14
RME50-N	GG.ME10-N	GE50-KRR-B	2,53	50	165	13	14
TME50-N	GG.ME10-N	GE50-KTT-B	2,59	50	165	13	14
RME050	GG.MEO10	GNE50-KRR-B	4,6	50	230	19	23
PMEY50-N	GG.ME10-N	GAY50-NPP-B	2,15	50	165	13	14
RMEY50-N	GG.ME10-N	GYE50-KRR-B	2,33	50	165	13	14
PME55	GG.ME11	GRAE55-NPP-B	2,76	55	185	15	18
RME55	GG.ME11	GE55-KRR-B	3,37	55	185	15	18
TME55	GG.ME11	GE55-KTT-B	3,43	55	185	15	18
RMEY55	GG.ME11	GYE55-KRR-B	3,05	55	185	15	18
PME60-N	GG.ME12-N	GRAE60-NPP-B	3,55	60	195	16	18
RME60-N	GG.ME12-N	GE60-KRR-B	3,99	60	195	16	18
TME60-N	GG.ME12-N	GE60-KTT-B	4,1	60	195	16	18
RME060	GG.MEO12	GNE60-KRR-B	6	60	256	22	23
PMEY60-N	GG.ME12-N	GAY60-NPP-B	3,22	60	195	16	18
RMEY60-N	GG.ME12-N	GYE60-KRR-B	3,47	60	195	16	18
RME65	GG.ME14	GE65-214-KRR-B	5,81	65	215	18	18
TME65	GG.ME14	GE65-214-KTT-B	5,81	65	215	18	18
RMEY65	GG.ME14	GYE65-214-KRR-B	5,35	65	215	18	18
RME70	GG.ME14	GE70-KRR-B	5,55	70	215	18	18
TME70	GG.ME14	GE70-KTT-B	5,66	70	215	18	18
RME070	GG.MEO14	GNE70-KRR-B	9	70	300	25	25
RMEY70	GG.ME14	GYE70-KRR-B	5,1	70	215	18	18
RME75	GG.ME15	GE75-2RSR-B	5,65	75	220	18	18
TME75	GG.ME15	GE75-KTT-B	5,76	75	220	18	18
RMEY75	GG.ME15	GYE75-KRR-B	5,19	75	220	18	18
RME80	GG.ME16	GE80-KRR-B	5,75	80	220	18	18
TME80	GG.ME16	GE80-KTT-B	5,86	80	220	18	18
RME080	GG.MEO16	GNE80-KRR-B-FA107	12,7	80	275	22	22
RMEY80	GG.ME16	GYE80-KRR-B	5,73	80	220	18	18
RME90	GG.ME18	GE90-KRR-B	8,82	90	265	20	23
RME090	GG.MEO18	GNE90-KRR-B-FA107	12,7	90	300	22	22
RMEY90	GG.ME18	GYE90-KRR-B	9,3	90	265	20	23
RME100	GG.ME20	GE100-KRR-B	11,45	100	295	22	23
RME0100	GG.MEO20	GNE100-KRR-B-FA107	22,3	100	340	27	26
RME120	GG.ME24	GE120-KRR-B	17,43	120	350	24	27

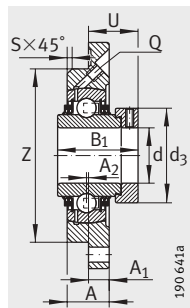
¹⁾ To be ordered separately.



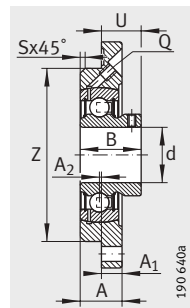
RME, RMEO
(up to d = 70 mm)



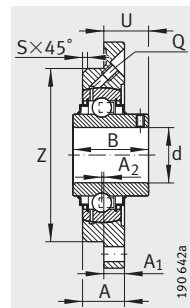
RMEO
(from d = 80 mm)



TME



PMEY



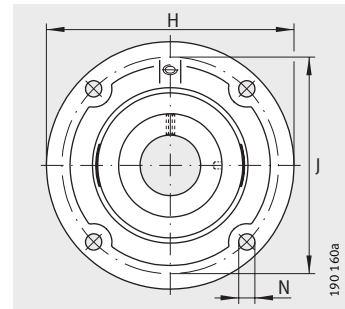
RMEY

										Basic load ratings		End cap ¹⁾
B	B ₁	J	A ₂	Q	d ₃ max.	S	A	U	Z h8	dyn. C _r N	stat. C _{0r} N	
–	43,8	135	1	M8×1	69	3	25	31,7	110	35 000	23 200	KASK10
–	62,8	135	1	M8×1	69	3	25	37,1	110	35 000	23 200	KASK10
–	62,8	135	1	M8×1	69	3	25	37,1	110	35 000	23 200	KASK10
–	66,8	187	–2,5	R _p 1/8	75,8	2	31	44,6	140	62 000	38 000	–
43	–	135	1	M8×1	–	3	25	31	110	35 000	23 200	KASK10
51,6	–	135	1	M8×1	–	3	25	31,6	110	35 000	23 200	KASK10
–	48,4	150	–	M6	76	3	27,5	36,4	125	43 500	29 000	–
–	71,4	150	–	M6	76	3	27,5	43,6	125	43 500	29 000	–
–	71,4	150	–	M6	76	3	27,5	43,6	125	43 500	29 000	–
55,6	–	150	–	M6	–	3	27,5	33,4	125	43 500	29 000	–
–	53,1	160	1	R _p 1/8	84	3	29	38,6	135	52 000	36 000	KASK12
–	77,9	160	1	R _p 1/8	84	3	29	45,8	135	52 000	36 000	KASK12
–	77,9	160	1	R _p 1/8	84	3	29	45,8	135	52 000	36 000	KASK12
–	68,4	212	–2,5	R _p 1/8	89	3	36	47,9	160	82 000	52 000	–
47	–	160	1	R _p 1/8	–	3	29	33	135	52 000	36 000	KASK12
65,1	–	160	1	R _p 1/8	–	3	29	38,7	135	52 000	36 000	KASK12
–	66	177	–	R _p 1/8	96	6	32	44,6	150	62 000	44 000	–
–	66	177	–	R _p 1/8	96	6	32	44,6	150	62 000	44 000	–
74,6	–	177	–	R _p 1/8	–	6	32	44,4	150	62 000	44 000	–
–	66	177	–	R _p 1/8	96	6	32	44,6	150	62 000	44 000	–
–	66	177	–	R _p 1/8	96	6	32	44,6	150	62 000	44 000	–
–	75,5	252	–0,5	R _p 1/8	102	4	43	49,9	185	104 000	68 000	–
74,6	–	177	–	R _p 1/8	–	6	32	44,4	150	62 000	44 000	–
–	67	184	–	R _p 1/8	100	6	32	45,6	160	62 000	44 500	–
–	67	184	–	R _p 1/8	100	6	32	45,6	160	62 000	44 500	–
77,8	–	184	–	R _p 1/8	–	6	32	44,5	160	62 000	44 500	–
–	70,7	184	–2	R _p 1/8	108	6	31	49,6	160	72 000	54 000	–
–	70,7	184	–2	R _p 1/8	108	6	31	49,6	160	72 000	54 000	–
–	93,6	235	3	R _p 1/8	118	6	50	56,7	200	123 000	87 000	–
82,6	–	184	–2	R _p 1/8	–	6	31	51,3	160	72 000	54 000	–
–	69,5	220	–4	R _p 1/8	118	3	32	50,5	190	96 000	72 000	–
–	101	260	3	R _p 1/8	132	6	50	62,5	220	143 000	107 000	–
96	–	220	–4	R _p 1/8	–	3	32	60,3	190	96 000	72 000	–
–	75	245	–4	R _p 1/8	132	3	36	53,4	210	122 000	93 000	–
–	109,4	295	1,5	R _p 1/8	145	8	57	68,5	250	174 000	140 000	–
–	81	295	–4	R _p 1/8	152	3	40	56,5	250	155 000	131 000	–



Four-bolt flanged housing units with centring spigot

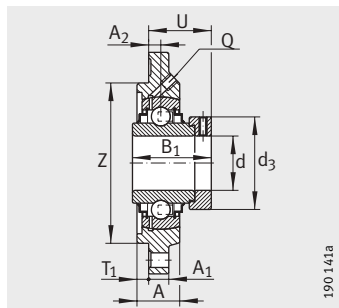
Cast iron housings



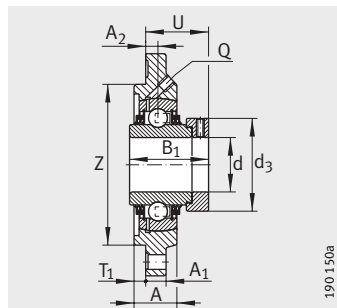
RFE, TFE

Dimension table · Dimensions in mm								
Designation			Mass m ≈ kg	Dimensions				
Unit	Housing	Radial insert ball bearing		d	H	A ₁	N	B ₁
RFE25	GG.FE05	GE25-KRR-B	0,8	25	115	9	9	44,5
TFE25	GG.FE05	GE25-KTT-B	0,8	25	115	9	9	44,5
RFE30	GG.FE06	GE30-KRR-B	1,08	30	127	9,5	9	48,5
TFE30	GG.FE06	GE30-KTT-B	1,08	30	127	9,5	9	48,5
RFE35	GG.FE07	GE35-KRR-B	1,3	35	135	10	11,5	51,3
TFE35	GG.FE07	GE35-KTT-B	1,3	35	135	10	11,5	51,3
RFE40	GG.FE08	GE40-KRR-B	1,72	40	145	11,5	11,5	56,5
TFE40	GG.FE08	GE40-KTT-B	1,72	40	145	11,5	11,5	56,5
RFE45	GG.FE09	GE45-KRR-B	2,06	45	155	12	14	56,5
RFE50-N¹⁾	GG.FE10-N	GE50-KRR-B	2,48	50	165	13	14	62,8
TFE50-N¹⁾	GG.FE10-N	GE50-KTT-B	2,48	50	165	13	14	62,8
RFE60	GG.FE12	GE60-KRR-B	3,99	60	195	16	14	77,9
TFE60	GG.FE12	GE60-KTT-B	3,99	60	195	16	14	77,9

¹⁾ Closing plug KASK10 to be ordered separately.



RFE



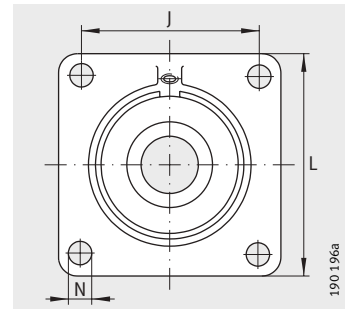
TFE

								Basic load ratings	
J	A ₂	Q	d ₃ max.	A	T ₁	U	Z h8	dyn. C _r N	stat. C _{0r} N
92	9,5	R _p 1/8	37,5	22	3	36,4	75	14 000	7 800
92	9,5	R _p 1/8	37,5	22	3	36,4	75	14 000	7 800
105	10,5	R _p 1/8	44	22,5	3	40,6	85	19 500	11 300
105	10,5	R _p 1/8	44	22,5	3	40,6	85	19 500	11 300
110	9	R _p 1/8	51	22,5	4	41,3	90	25 500	15 300
110	9	R _p 1/8	51	22,5	4	41,3	90	25 500	15 300
120	11,5	R _p 1/8	58	26	4	46,4	100	32 500	19 800
120	11,5	R _p 1/8	58	26	4	46,4	100	32 500	19 800
130	11,5	R _p 1/8	63	26,5	4	46,4	105	32 500	20 400
136	12,5	R _p 1/8	69	27,5	4	50,6	115	35 000	23 200
136	12,5	R _p 1/8	69	27,5	4	50,6	115	35 000	23 200
165	17	R _p 1/8	84	33	4	63,8	140	52 000	36 000
165	17	R _p 1/8	84	33	4	63,8	140	52 000	36 000



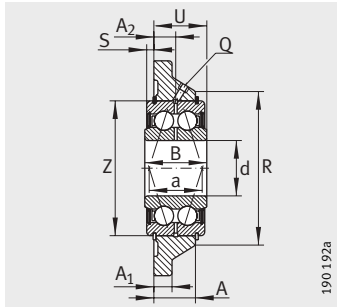
Four-bolt flanged housing units

Cast iron housings with
double row angular contact ball bearing



PCCJ

Dimension table · Dimensions in mm								
Designation			Mass m ≈kg	Dimensions				
Unit	Housing	Double row angular contact ball bearing		L	A ₁	N	B	J
PCCJ25	GG.CCJ05	G5205-2RS-N	0,79	95	12	11,5	30	70
PCCJ30	GG.CCJ06	G5206-2RS-N	1,12	108	12	11,5	34	82,5
PCCJ35	GG.CCJ07	G5207-2RS-N	1,48	118	14	14	36	92
PCCJ40	GG.CCJ08	G5208-2RS-N	1,8	130	14	14	38	101,5



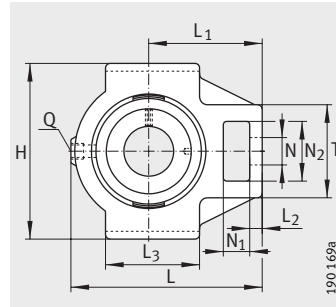
PCCJ

								Basic load ratings	
A ₂	Q	R max.	S	A	U	Z h8	a	dyn. C _r N	stat. C _{0r} N
11,7	M6	64	2,4	22,1	26,7	52	24	21 600	14 900
13	M6	76	3,2	24	29,7	62	28,9	30 000	21 400
14	M6	88	3	26	31,7	72	33,8	39 500	29 000
15	M6	98	3,2	28	33,7	80	38,8	50 000	38 000

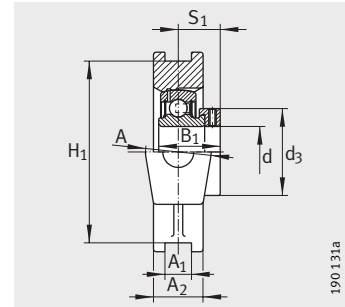


Take-up housing units

Cast iron housings

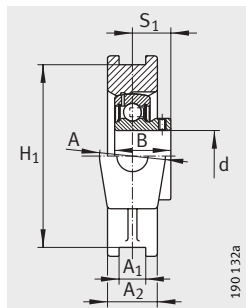


PTUE, RTUE, TTUE, PTUEY, RTUEY

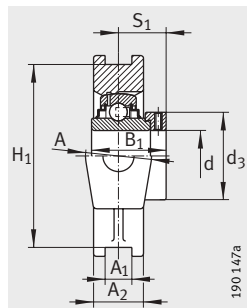


PTUE

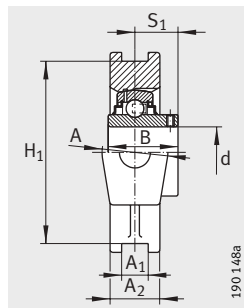
Dimension table · Dimensions in mm										
Designation			Mass m ≈kg	Dimensions						
Unit	Housing	Radial insert ball bearing		d	A	A ₁ H13	A ₂	L	L ₁	L ₂
PTUE20	GG.TUE04	GRAE20-NPP-B	0,83	20	37	12	25	94,5	60	9
RTUE20	GG.TUE04	GE20-KRR-B	0,87	20	37	12	25	94,5	60	9
TTUE20	GG.TUE04	GE20-KTT-B	0,87	20	37	12	25	94,5	60	9
PTUEY20	GG.TUE04	GAY20-NPP-B	0,8	20	37	12	25	94,5	60	9
RTUEY20	GG.TUE04	GYE20-KRR-B	0,84	20	37	12	25	94,5	60	9
PTUE25	GG.TUE05	GRAE25-NPP-B	0,85	25	37	12	25	98,5	62	10
RTUE25	GG.TUE05	GE25-KRR-B	0,91	25	37	12	25	98,5	62	10
TTUE25	GG.TUE05	GE25-KTT-B	0,91	25	37	12	25	98,5	62	10
PTUEY25	GG.TUE05	GAY25-NPP-B	0,82	25	37	12	25	98,5	62	10
RTUEY25	GG.TUE05	GYE25-KRR-B	0,86	25	37	12	25	98,5	62	10
PTUE30	GG.TUE06	GRAE30-NPP-B	1,17	30	37	12	25	114,5	70	10
RTUE30	GG.TUE06	GE30-KRR-B	1,24	30	37	12	25	114,5	70	10
TTUE30	GG.TUE06	GE30-KTT-B	1,25	30	37	12	25	114,5	70	10
PTUEY30	GG.TUE06	GAY30-NPP-B	1,11	30	37	12	25	114,5	70	10
RTUEY30	GG.TUE06	GYE30-KRR-B	1,19	30	37	12	25	114,5	70	10
PTUE35	GG.TUE07	GRAE35-NPP-B	1,73	35	40	12	30	131,5	80	13
RTUE35	GG.TUE07	GE35-KRR-B	1,8	35	40	12	30	131,5	80	13
TTUE35	GG.TUE07	GE35-KTT-B	1,81	35	40	12	30	131,5	80	13
PTUEY35	GG.TUE07	GAY35-NPP-B	1,64	35	40	12	30	131,5	80	13
RTUEY35	GG.TUE07	GYE35-KRR-B	1,74	35	40	12	30	131,5	80	13
PTUE40	GG.TUE08	GRAE40-NPP-B	2,4	40	50	16	35	141	88	16
RTUE40	GG.TUE08	GE40-KRR-B	2,52	40	50	16	35	141	88	16
TTUE40	GG.TUE08	GE40-KTT-B	2,55	40	50	16	35	141	88	16
RTUEY40	GG.TUE08	GYE40-KRR-B	2,43	40	50	16	35	141	88	16
PTUE45	GG.TUE09	GRAE45-NPP-B	2,49	45	50	16	35	141	88	16
RTUE45	GG.TUE09	GE45-KRR-B	2,61	45	50	16	35	141	88	16
TTUE45	GG.TUE09	GE45-KTT-B	2,66	45	50	16	35	141	88	16
PTUE50	GG.TUE10	GRAE50-NPP-B	2,42	50	50	16	35	148	90	16
RTUE50	GG.TUE10	GE50-KRR-B	2,65	50	50	16	35	148	90	16
TTUE50	GG.TUE10	GE50-KTT-B	2,71	50	50	16	35	148	90	16
PTUEY50	GG.TUE10	GAY50-NPP-B	2,27	50	50	16	35	148	90	16
RTUEY50	GG.TUE10	GYE50-KRR-B	2,45	50	50	16	35	148	90	16
PTUE55	GG.TUE11	GRAE55-NPP-B	3,99	55	60	22	42	169	104	17
RTUE55	GG.TUE11	GE55-KRR-B	4,6	55	60	22	42	169	104	17
TTUE55	GG.TUE11	GE55-KTT-B	4,72	55	60	22	42	169	104	17



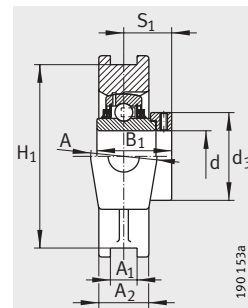
PTUEY



RTUE



RTUEY



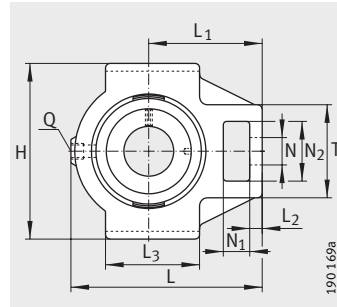
TTUE

													Basic load ratings	
N	N ₁	N ₂	B	B ₁	H	H ₁	S ₁	Q	T	L ₃	d ₃		dyn. C _r N	stat. C _{0r} N
						±0,15					max.			
19	18	32	–	31	90	76	23,5	R _p 1/8	51	50	33		12 800	6 600
19	18	32	–	43,7	90	76	26,6	R _p 1/8	51	50	33		12 800	6 600
19	18	32	–	43,7	90	76	26,6	R _p 1/8	51	50	33		12 800	6 600
19	18	32	25	–	90	76	18	R _p 1/8	51	50	–		12 800	6 600
19	18	32	31	–	90	76	18,3	R _p 1/8	51	50	–		12 800	6 600
19	18	32	–	31	90	76	23,5	R _p 1/8	51	50	37,5		14 000	7 800
19	18	32	–	44,5	90	76	26,9	R _p 1/8	51	50	37,5		14 000	7 800
19	18	32	–	44,5	90	76	26,9	R _p 1/8	51	50	37,5		14 000	7 800
19	18	32	27	–	90	76	19,5	R _p 1/8	51	50	–		14 000	7 800
19	18	32	34,1	–	90	76	19,8	R _p 1/8	51	50	–		14 000	7 800
22	18	36,5	–	35,8	102	89	26,7	R _p 1/8	56	57	44		19 500	11 300
22	18	36,5	–	48,5	102	89	30,1	R _p 1/8	56	57	44		19 500	11 300
22	18	36,5	–	48,5	102	89	30,1	R _p 1/8	56	57	44		19 500	11 300
22	18	36,5	30	–	102	89	21	R _p 1/8	56	57	–		19 500	11 300
22	18	36,5	38,1	–	102	89	22,2	R _p 1/8	56	57	–		19 500	11 300
22	18	36,5	–	39	102	89	29,4	R _p 1/8	64	63	51		25 500	15 300
22	18	36,5	–	51,3	102	89	32,3	R _p 1/8	64	63	51		25 500	15 300
22	18	36,5	–	51,3	102	89	32,3	R _p 1/8	64	63	51		25 500	15 300
22	18	36,5	35	–	102	89	25,5	R _p 1/8	64	63	–		25 500	15 300
22	18	36,5	42,9	–	102	89	25,4	R _p 1/8	64	63	–		25 500	15 300
29	20	49	–	43,8	115	102	32,7	R _p 1/8	82	82	58		32 500	19 800
29	20	49	–	56,5	115	102	34,9	R _p 1/8	82	82	58		32 500	19 800
29	20	49	–	56,5	115	102	34,9	R _p 1/8	82	82	58		32 500	19 800
29	20	49	49,2	–	115	102	30,2	R _p 1/8	82	82	–		32 500	19 800
29	20	49	–	43,8	115	102	32,7	R _p 1/8	82	82	63		32 500	20 400
29	20	49	–	56,5	115	102	34,9	R _p 1/8	82	82	63		32 500	20 400
29	20	49	–	56,5	115	102	34,9	R _p 1/8	82	82	63		32 500	20 400
29	20	49	–	43,8	115	102	32,7	R _p 1/8	83	85	69		35 000	23 200
29	20	49	–	62,8	115	102	38,1	R _p 1/8	83	85	69		35 000	23 200
29	20	49	–	62,8	115	102	38,1	R _p 1/8	83	85	69		35 000	23 200
29	20	49	43	–	115	102	32	R _p 1/8	83	85	–		35 000	23 200
29	20	49	51,6	–	115	102	32,6	R _p 1/8	83	85	–		35 000	23 200
35	26	63,5	–	48,4	145	130	36,4	R _p 1/8	102	95	76		43 500	29 000
35	26	63,5	–	71,4	145	130	43,6	R _p 1/8	102	95	76		43 500	29 000
35	26	63,5	–	71,4	145	130	43,6	R _p 1/8	102	95	76		43 500	29 000

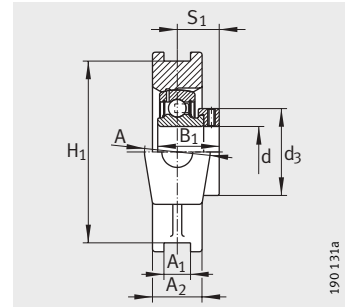


Take-up housing units

Cast iron housings



PTUE, RTUE, TTUE, RTUEO, PTUEY, RTUEY

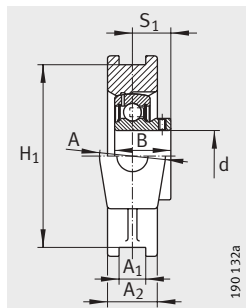


PTUE

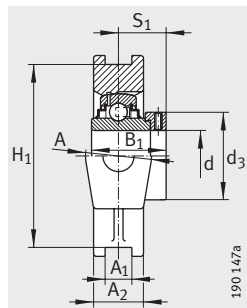
Dimension table (continued) - Dimensions in mm

Designation			Mass m ≈ kg	Dimensions						
Unit	Housing	Radial insert ball bearing		d	A	A ₁ H13	A ₂	L	L ₁	L ₂
PTUE60	GG.TUE12	GRAE60-NPP-B	4,21	60	60	22	44	186	118	19
RTUE60	GG.TUE12	GE60-KRR-B	4,84	60	60	22	44	186	118	19
TTUE60	GG.TUE12	GE60-KTT-B	4,96	60	60	22	44	186	118	19
PTUEY60	GG.TUE12	GAY60-NPP-B	3,97	60	60	22	44	186	118	19
RTUEY60	GG.TUE12	GYE60-KRR-B	4,22	60	60	22	44	186	118	19
RTUE65	GG.TUE13/14	GE65-214-KRR-B	7,46	65	70	25	50	214	135	20
TTUE65	GG.TUE13/14	GE65-214-KTT-B	7,54	65	70	25	50	214	135	20
RTUEY65	GG.TUE13/14	GYE65-214-KRR-B	7	65	70	25	50	214	135	20
RTUE70	GG.TUE13/14	GE70-KRR-B	7,2	70	70	25	50	214	135	20
TTUE70	GG.TUE13/14	GE70-KTT-B	7,28	70	70	25	50	214	135	20
RTUEY70	GG.TUE13/14	GYE70-KRR-B	6,7	70	70	25	50	214	135	20
RTUE75	GG.TUE15	GE75-KRR-B	7,05	75	70	25	50	214	135	20
TTUE75	GG.TUE15	GE75-KTT-B	7,13	75	70	25	50	214	135	20
RTUEY75	GG.TUE15	GYE75-KRR-B	6,59	75	70	25	50	214	135	20
RTUE80	GG.TUE16	GE80-KRR-B	8,4	80	70	28	50	230	140	20
TTUE80	GG.TUE16	GE80-KTT-B	8,46	80	70	28	50	230	140	20
RTUEO80	GG.TUEO16	GNE80-KRR-B	17,25	80	102	30	60	282	174	28
RTUEY80	GG.TUE16	GYE80-KRR-B	8,38	80	70	28	50	230	140	20
RTUE90	GG.TUE18	GE90-KRR-B	11,57	90	80	28	55	275	170	30
RTUEO90	GG.TUEO18	GNE90-KRR-B	22,9	90	110	32	66	312	192	30
RTUE100	GG.TUE20	GE100-KRR-B	14,55	100	90	28	60	295	180	30
RTUE120	GG.TUE24	GE120-KRR-B	22,43	120	100	32	70	345	210	35

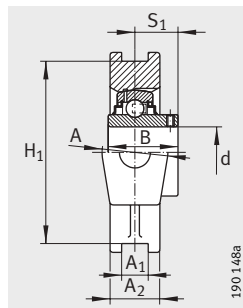
1) Tolerance $^{0}_{-0,6}$.



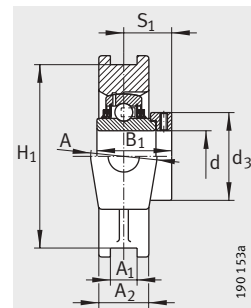
PTUEY



RTUE, RTUEO



RTUEY



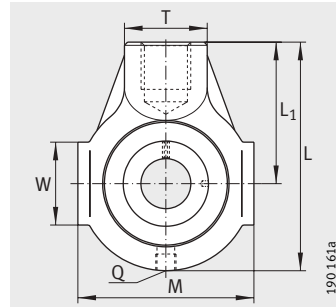
TTUE

												Basic load ratings	
N	N ₁	N ₂	B	B ₁	H	H ₁	S ₁	Q	T	L ₃	d ₃ max.	dyn. C _r N	stat. C _{0r} N
35	32	63,5	–	53,1	146	130±0,15	39,6	R _p 1/8	102	100	84	52 000	36 000
35	32	63,5	–	77,9	146	130±0,15	46,8	R _p 1/8	102	100	84	52 000	36 000
35	32	63,5	–	77,9	146	130±0,15	46,8	R _p 1/8	102	100	84	52 000	36 000
35	32	63,5	47	–	146	130±0,15	34	R _p 1/8	102	100	–	52 000	36 000
35	32	63,5	65,1	–	146	130±0,15	39,7	R _p 1/8	102	100	–	52 000	36 000
41	35	70	–	66	166	151±0,25	44,6	R _p 1/8	110	120	96	62 000	44 000
41	35	70	–	66	166	151±0,25	44,6	R _p 1/8	110	120	96	62 000	44 000
41	35	70	74,6	–	166	151±0,25	44,4	R _p 1/8	110	120	–	62 000	44 000
41	35	70	–	66	166	151±0,25	44,6	R _p 1/8	110	120	96	62 000	44 000
41	35	70	–	66	166	151±0,25	44,6	R _p 1/8	110	120	96	62 000	44 000
41	35	70	74,6	–	166	151±0,25	44,4	R _p 1/8	110	120	–	62 000	44 000
41	35	70	–	67	166	151±0,25	45,6	R _p 1/8	110	120	100	62 000	44 500
41	35	70	–	67	166	151±0,25	45,6	R _p 1/8	110	120	100	62 000	44 500
41	35	70	77,8	–	166	151±0,25	44,5	R _p 1/8	110	120	–	62 000	44 500
41	35	70	–	70,7	184	165±0,25	47,6	R _p 1/8	110	120	108	72 000	54 000
41	35	70	–	70,7	184	165±0,25	47,6	R _p 1/8	110	120	108	72 000	54 000
53	42	98	–	93,7	230	204 ¹⁾	59,7	R _p 1/8	150	150	118	123 000	87 000
41	35	70	82,6	–	184	165±0,25	49,3	R _p 1/8	110	120	–	72 000	54 000
47	40	80	–	69,5	215	190±0,25	46,5	R _p 1/8	130	140	118	96 000	72 000
57	46	106	–	101	255	228 ¹⁾	65,5	R _p 1/8	160	165	132	143 000	107 000
47	40	80	–	75	240	215±0,25	49,5	R _p 1/8	130	160	132	122 000	93 000
55	45	95	–	81	285	255±0,25	52,5	R _p 1/8	150	190	152	155 000	131 000

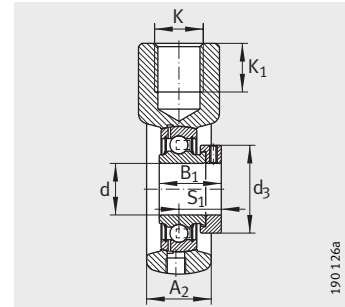


Take-up housing units

Cast iron housings



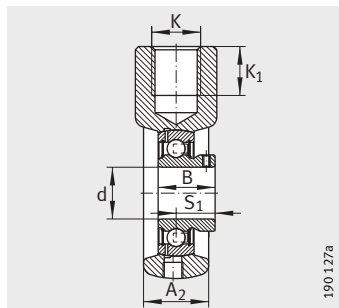
PHE, PHEY, RHE, THE



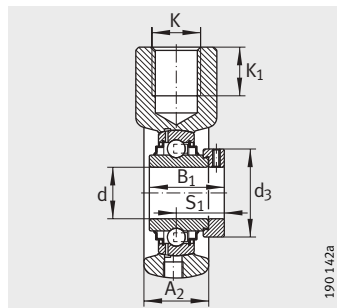
PHE

Dimension table · Dimensions in mm

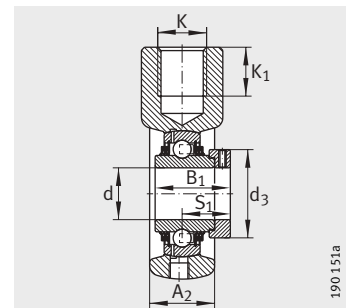
Designation			Mass	Dimensions					
Unit	Housing	Radial insert ball bearing	m ≈ kg	d	L	A ₂	L ₁	K	K ₁
PHE20	GG.HE04	GRAE20-NPP-B	0,54	20	91	25	58	M16	21
PHEY20	GG.HE04	GAY20-NPP-B	0,51	20	91	25	58	M16	21
RHE20	GG.HE04	GE20-KRR-B	0,58	20	91	25	58	M16	21
PHE25	GG.HE05	GRAE25-NPP-B	0,71	25	99	28	64	M20	22
PHEY25	GG.HE05	GAY25-NPP-B	0,68	25	99	28	64	M20	22
RHE20	GG.HE05	GE25-KRR-B	0,77	25	99	28	64	M20	22
THE25	GG.HE05	GE25-KTT-B	0,77	25	99	28	64	M20	22
PHE30	GG.HE06	GRAE30-NPP-B	1,09	30	114	32	72	M24	24
PHEY30	GG.HE06	GAY30-NPP-B	1,03	30	114	32	72	M24	24
RHE30	GG.HE06	GE30-KRR-B	1,16	30	114	32	72	M24	24
THE30	GG.HE06	GE30-KTT-B	1,17	30	114	32	72	M24	24
PHE35	GG.HE07	GRAE35-NPP-B	1,32	35	122	32	76	M24	24
PHEY35	GG.HE07	GAY35-NPP-B	1,23	35	122	32	76	M24	24
RHE35	GG.HE07	GE35-KRR-B	1,39	35	122	32	76	M24	24
THE35	GG.HE07	GE35-KTT-B	1,4	35	122	32	76	M24	24
PHE40	GG.HE08	GRAE40-NPP-B	1,65	40	135	36	85	M24	24
PHEY40	GG.HE08	GAY40-NPP-B	1,54	40	135	36	85	M24	24
RHE40	GG.HE08	GE40-KRR-B	1,77	40	135	36	85	M24	24
THE40	GG.HE08	GE40-KTT-B	1,8	40	135	36	85	M24	24
PHE45	GG.HE09	GRAE45-NPP-B	1,89	45	145	40	90	M24	24
PHEY45	GG.HE09	GAY45-NPP-B	1,75	45	145	40	90	M24	24
RHE45	GG.HE09	GE45-KRR-B	2,01	45	145	40	90	M24	24
THE45	GG.HE09	GE45-KTT-B	2,06	45	145	40	90	M24	24
PHE50	GG.HE10	GRAE50-NPP-B	1,92	50	145	40	90	M24	24
RHE50	GG.HE10	GE50-KRR-B	2,15	50	145	40	90	M24	24
THE50	GG.HE10	GE50-KTT-B	2,21	50	145	40	90	M24	24



PHEY



RHE



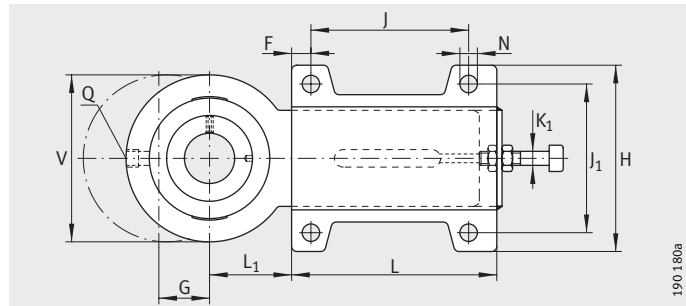
THE

								Basic load ratings	
B	B ₁	M	S ₁	Q	d ₃ max.	T	W	dyn. C _r N	stat. C _{0r} N
–	31	65	23,5	R _p 1/8	33	30	38	12 800	6 600
25	–	65	18	R _p 1/8	–	30	38	12 800	6 600
–	43,7	65	26,6	R _p 1/8	33	30	38	12 800	6 600
–	31	70	23,5	R _p 1/8	37,5	35	38	14 000	7 800
27	–	70	19,5	R _p 1/8	–	35	38	14 000	7 800
–	44,5	70	26,9	R _p 1/8	37,5	35	38	14 000	7 800
–	44,5	70	26,9	R _p 1/8	37,5	35	38	14 000	7 800
–	35,8	85	26,7	R _p 1/8	44	40	40	19 500	11 300
30	–	85	21	R _p 1/8	–	40	40	19 500	11 300
–	48,5	85	30,1	R _p 1/8	44	40	40	19 500	11 300
–	48,5	85	30,1	R _p 1/8	44	40	40	19 500	11 300
–	39	90	29,4	R _p 1/8	51	40	49	25 500	15 300
35	–	90	25,5	R _p 1/8	–	40	49	25 500	15 300
–	51,3	90	32,3	R _p 1/8	51	40	49	25 500	15 300
–	51,3	90	32,3	R _p 1/8	51	40	49	25 500	15 300
–	43,8	100	32,7	R _p 1/8	58	40	45	32 500	19 800
39,5	–	100	29	R _p 1/8	–	40	45	32 500	19 800
–	56,5	100	34,9	R _p 1/8	58	40	45	32 500	19 800
–	56,5	100	34,9	R _p 1/8	58	40	45	32 500	19 800
–	43,7	110	32,7	R _p 1/8	63	40	45	32 500	20 400
41,5	–	110	30,5	R _p 1/8	–	40	45	32 500	20 400
–	56,5	110	34,9	R _p 1/8	63	40	45	32 500	20 400
–	56,5	110	34,9	R _p 1/8	63	40	45	32 500	20 400
–	43,8	110	32,7	R _p 1/8	69	40	46	35 000	23 200
–	62,8	110	38,1	R _p 1/8	69	40	46	35 000	23 200
–	62,8	110	38,1	R _p 1/8	69	40	46	35 000	23 200



Take-up housing units

Cast iron/sheet steel housings

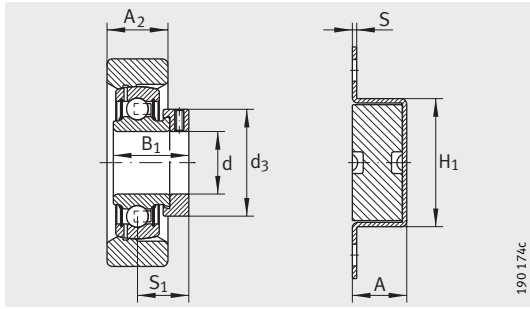


PHUSE

Dimension table · Dimensions in mm

Designation		Mass m ≈kg	Dimensions								
Unit	Radial insert ball bearing		d	L	A ₂	S	F	G	L ₁	N	K ₁
PHUSE25	GRAE25-NPP-B	2,07	25	187	22	4	20	65	50	11,5	M12
PHUSE30	GRAE30-NPP-B	2,22	30	187	22	4	20	65	50	11,5	M12
PHUSE35	GRAE35-NPP-B	2,46	35	187	22	4	20	65	50	11,5	M12
PHUSE40	GRAE40-NPP-B	4,89	40	256	30	4	20	80	60	14	M16
PHUSE50-N¹⁾	GRAE50-NPP-B	5,25	50	256	30	4	20	80	60	14	M16

¹⁾ End cap KASK10 to be ordered separately.



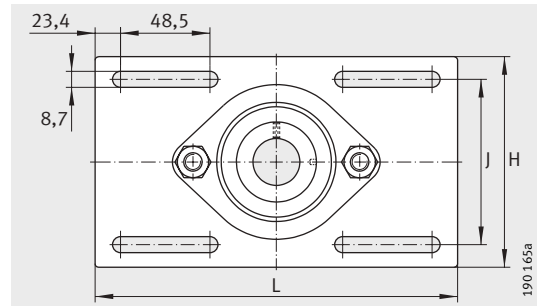
PHUSE

										Load carrying capacity of housing	Basic load ratings	
B ₁	J	J ₁	S ₁	Q	d ₃ max.	A	V	H	H ₁	C _{0rG} N	dyn. C _r N	stat. C _{0r} N
31	140	80	23,5	R _p 1/8	37,5	28	78	103	52	7 800	14 000	7 800
35,8	140	80	26,7	R _p 1/8	44	28	88	103	52	11 300	19 500	11 300
39	140	80	29,4	R _p 1/8	51	28	98	103	52	15 300	25 500	15 300
43,8	180	100	32,7	R _p 1/8	58	36	108	130	60	19 800	32 500	19 800
43,8	180	100	32,7	R _p 1/8	69	36	120	130	60	23 200	35 000	23 200



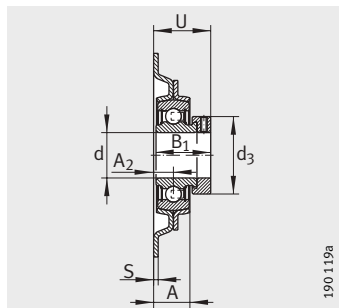
Take-up housing units

Cast iron housings
Sheet steel housings

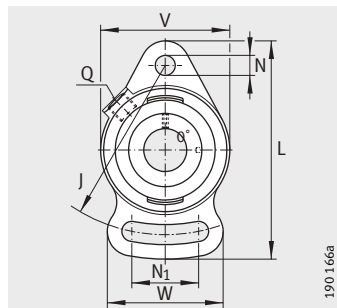


MSTU

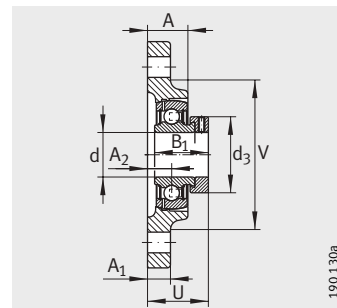
Dimension table · Dimensions in mm										
Designation			Mass m ≈ kg	Dimensions						
Unit	Housing	Radial insert ball bearing		d	H	A ₁	L	S	B	N ₁
PSFT20	GG.SFT04	GRAE20-NPP-B	0,41	20	–	10	112	–	11,5	30
MSTU25	GEH52-MSTU	RAE25-NPP-B	0,58	25	104,8	–	203,2	2	–	–
PSFT25	GG.SFT05	GRAE25-NPP-B	0,52	25	–	11	124	–	11,5	37,5
MSTU30	GEH62-MSTU	RAE30-NPP-B	0,84	30	114,3	–	203,2	2,5	–	–
PSFT30	GG.SFT06	GRAE30-NPP-B	0,77	30	–	12	142	–	11,5	40
PSFT35	GG.SFT07	GRAE35-NPP-B	1,1	35	–	12,5	155	–	14	45



MSTU



PSFT



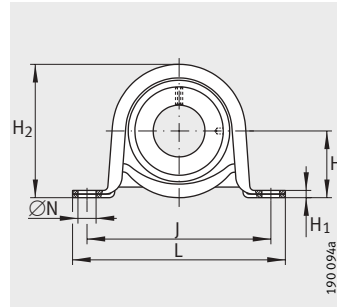
PSFT

									Load carrying capacity of housing C _{0rG} N	Basic load ratings	
B ₁	J	A ₂	Q	d ₃ max.	A	U	V	W		dyn. C _r N	stat. C _{0r} N
31	90	10,5	R _p 1/8	33	18	34	61	52	–	12 800	6 600
31	80,2	10,3	–	37,5	19	33,8	–	–	3 900	14 000	7 800
31	99	12,5	R _p 1/8	37,5	20	36	70	63	–	14 000	7 800
35,8	89,2	12,1	–	44	21,1	37,8	–	–	3 900	19 500	11 300
35,8	117	13	R _p 1/8	44	22	39,7	80	65	–	19 500	11 300
39	128	15	R _p 1/8	51	25	44,5	90	75	–	25 500	15 300

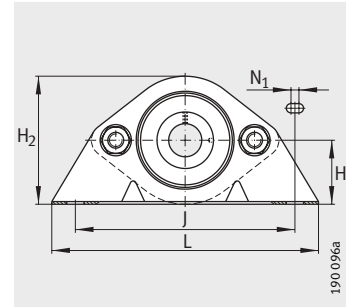


Plummer block housing units

Sheet steel housings

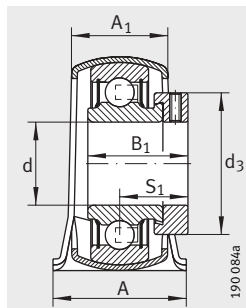


PB, PBY, RPB

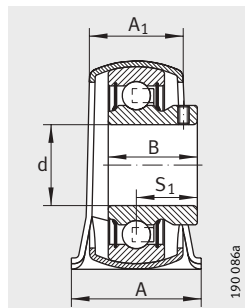


PBS

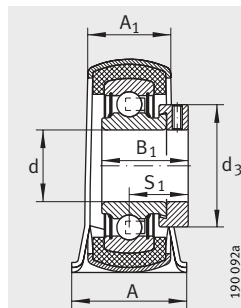
Dimension table · Dimensions in mm										
Unit	Housing	Rubber interliner	Radial insert ball bearing	Mass m ≈ kg	Dimensions					
					d	H	A	A ₁	H ₁	H ₂
PB12	GEH40-BT	–	RAE12-NPP-B	0,17	12	22,2	25,4	18,4	2,6	43,2
PBY12	GEH40-BT	–	AY12-NPP-B	0,15	12	22,2	25,4	18,4	2,6	43,2
RPB12	GEH47-BT	RABR40/47	RAE12-NPP-B	0,23	12	25,4	31,8	22,3	3,3	50,1
PBS12	GEH40-PBS	–	RAE12-NPP-B	0,32	12	30,2	32,5	14,2	2,6	59,6
PB15	GEH40-BT	–	RAE15-NPP-B	0,17	15	22,2	25,4	18,4	2,6	43,2
PBY15	GEH40-BT	–	AY15-NPP-B	0,15	15	22,2	25,4	18,4	2,6	43,2
RPB15	GEH47-BT	RABR40/47	RAE15-NPP-B	0,23	15	25,4	31,8	22,3	3,3	50,1
PBS15	GEH40-PBS	–	RAE15-NPP-B	0,32	15	30,2	32,5	14,2	2,6	59,6
PB17	GEH40-BT	–	RAE17-NPP-B	0,17	17	22,2	25,4	18,4	2,6	43,2
PBY17	GEH40-BT	–	AY17-NPP-B	0,15	17	22,2	25,4	18,4	2,6	43,2
RPB17	GEH47-BT	RABR40/47	RAE17-NPP-B	0,23	17	25,4	31,8	22,3	3,3	50,1
PBS17	GEH40-PBS	–	RAE17-NPP-B	0,32	17	30,2	32,5	14,2	2,6	59,6
PB20	GEH47-BT	–	RAE20-NPP-B	0,27	20	25,4	31,8	22,3	3,3	50,1
PBY20	GEH47-BT	–	AY20-NPP-B	0,22	20	25,4	31,8	22,3	3,3	50,1
RPB20	GEH52-BT	RABR47/52	RAE20-NPP-B	0,28	20	28,6	31,8	23,5	4	56,5
PBS20	GEH40-PBS	–	RAE20-NPP-B	0,45	20	33,6	33	15,8	3	66,8
PB25	GEH52-BT	–	RAE25-NPP-B	0,3	25	28,6	31,8	23,5	4	56,5
PBY25	GEH52-BT	–	AY25-NPP-B	0,26	25	28,6	31,8	23,5	4	56,5
RPB25	GEH62-BT	RABR52/62	RAE25-NPP-B	0,38	25	33,3	38	26,5	4	66,1
PBS25	GEH52-BT	–	RAE25-NPP-B	0,49	25	36,5	34,1	17,4	3,4	72
PB30	GEH62-BT	–	RAE30-NPP-B	0,5	30	33,3	38	26,5	4	66,1
PBY30	GEH62-BT	–	AY30-NPP-B	0,4	30	33,3	38	26,5	4	66,1
RPB30	GEH62-BT	RABR55/62	RAE30-NPP-B	0,45	30	33,3	38	26,5	4	66,1
PBS30	GEH62-PBS	–	RAE30-NPP-B	0,79	30	42,9	38,9	17,4	3,4	85
PBS35	GEH72-PBS	–	RAE35-NPP-B	1,05	35	47,6	46,1	22,2	4	94,4
PBS40	GEH80-PBS	–	RAE40-NPP-B	1,33	40	55	53,5	23	4	106



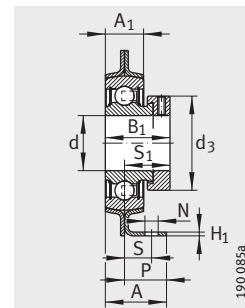
PB



PBY



RPB



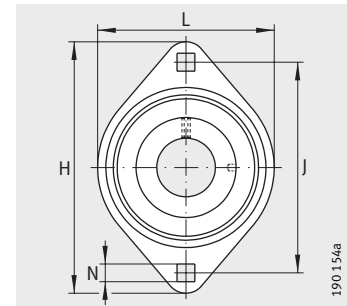
PBS

										Load carrying capacity of housing C _{0rG} N	Basic load ratings	
N	N ₁	B	B ₁	J	S ₁	P	S	d ₃ max.	L		dyn. C _r N	stat. C _{0r} N
9,5	–	22	28,6	68	22,1	–	–	28	85,7	1 350	9 800	4 750
9,5	–	–	–	68	16	–	–	–	85,7	1 350	9 800	4 750
9,5	–	–	28,6	76	22,1	–	–	28	98,7	900	9 800	4 750
10,5	5,6	–	28,6	92	22,1	25,4	15	28	123,8	2 700	9 800	4 750
9,5	–	22	28,6	68	22,1	–	–	28	85,7	1 350	9 800	4 750
9,5	–	–	–	68	16	–	–	–	85,7	1 350	9 800	4 750
9,5	–	–	28,6	76	22,1	–	–	28	98,4	900	9 800	4 750
10,5	5,6	–	28,6	92	22,1	25,4	15	28	123,8	2 700	9 800	4 750
9,5	–	22	28,6	68	22,1	–	–	28	85,7	1 350	9 800	4 750
9,5	–	–	–	68	16	–	–	–	85,7	1 350	9 800	4 750
9,5	–	–	28,6	76	22,1	–	–	28	98,4	900	9 800	4 750
10,5	5,6	–	28,6	92	22,1	25,4	15	28	123,8	2 700	9 800	4 750
9,5	–	25	31	76	23,5	–	–	33	98,4	1 600	12 800	6 600
9,5	–	–	–	76	18	–	–	–	98,4	1 600	12 800	6 600
11,5	–	–	31	86	23,5	–	–	33	108	1 100	12 800	6 600
10,5	5,6	–	31	97	23,5	25,4	15	33	127	3 200	12 800	6 600
11,5	–	27	31	86	23,5	–	–	37,5	108	1 800	14 000	7 800
11,5	–	–	–	86	19,5	–	–	–	108	1 800	14 000	7 800
11,5	–	–	31	95	23,5	–	–	37,5	117,5	1 400	14 000	7 800
10,5	9,5	–	31	95,5	23,5	25,4	14,3	37,5	133,5	3 600	14 000	7 800
11,5	–	30	35,8	95	26,7	–	–	44	117,5	2 700	19 500	11 300
11,5	–	–	–	95	21	–	–	–	117,5	2 700	19 500	11 300
11,5	–	–	26,5	95	20	–	–	42,5	117,5	1 400	13 200	8 300
13,5	8	–	35,8	119	26,7	30,2	16	44	159	3 600	19 500	11 300
13,5	8	–	39	127	29,4	35	20,7	51	165	4 100	25 500	15 300
13,5	8	–	43,8	136,5	32,7	40	25	58	180	4 500	32 500	19 800



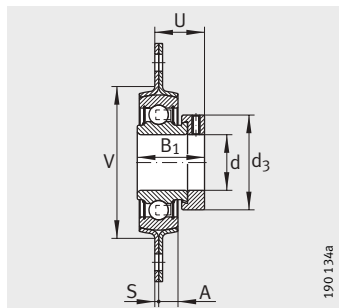
Two-bolt flanged housing units

Sheet steel housings

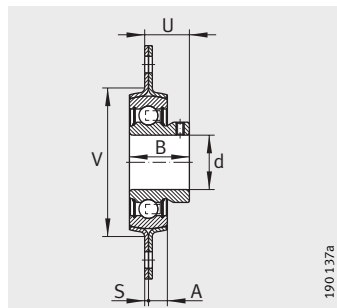


RAT, RATY, RALT, PCSLT

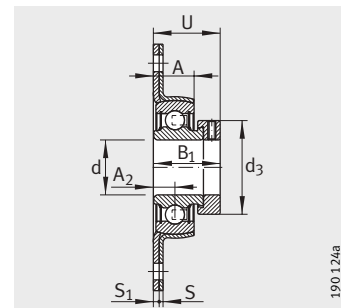
Dimension table · Dimensions in mm						
Designation			Mass	Dimensions		
Unit	Housing	Radial insert ball bearing	m ≈kg	d	L	H
RAT12	FLAN40-MST (2 parts)	RAE12-NPP-B	0,19	12	58,7	81
RATY12	FLAN40-MST (2 parts)	AY12-NPP-B	0,14	12	58,7	81
RAT15	FLAN40-MST (2 parts)	RAE15-NPP-B	0,19	15	58,7	81
RATY15	FLAN40-MST (2 parts)	AY15-NPP-B	0,13	15	58,7	81
RAT17	FLAN40-MST (2 parts)	RAE17-NPP-B	0,19	17	58,7	81
RATY17	FLAN40-MST (2 parts)	AY17-NPP-B	0,12	17	58,7	81
RALT20-FA125.8	FLAN42-LST-FA125 (2 parts)	RALE20-NPP-B	0,21	20	58,7	81
PCSLT20	FLAN42-CSLT-FA125/FLAN42-CST-FA125 (1 part each)	RALE20-NPP-B	0,22	20	66	90,5
RAT20	FLAN47-MST (2 parts)	RAE20-NPP-B	0,27	20	66	90,5
RATY20	FLAN47-MST (2 parts)	AY20-NPP-B	0,22	20	66	90,5
RALT25	FLAN47-LST (2 parts)	RALE25-NPP-B	0,22	25	71	95,2
PCSLT25	FLAN47-CSLT-FA125/FLAN47-CST-FA125 (1 part each)	RALE25-NPP-B	0,25	25	71	95,2
RAT25	FLAN52-MST (2 parts)	RAE25-NPP-B	0,34	25	71	95,2
RATY25	FLAN52-MST (2 parts)	AY25-NPP-B	0,26	25	71	95,2
PCSLT30	FLAN55-CSLT-FA125/FLAN55-CST-FA125 (1 part each)	RALE30-NPP-B	0,3	30	84	112,5
RAT30	FLAN62-MST (2 parts)	RAE30-NPP-B	0,49	30	84	112,7
RATY30	FLAN62-MST (2 parts)	AY30-NPP-B	0,41	30	84	112,7
RAT35	FLAN72-MST (2 parts)	RAE35-NPP-B	0,72	35	93,7	123
RATY35	FLAN72-MST (2 parts)	GAY35-NPP-B	0,56	35	93,7	123
RAT40	FLAN80-MST (2 parts)	RAE40-NPP-B	0,98	40	100	151
RATY40	FLAN80-MST (2 parts)	GAY40-NPP-B	0,85	40	100	151



RAT, RALT



RATY



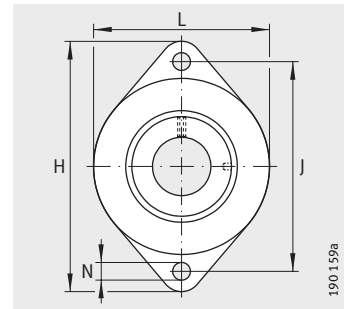
PCSLT

											Load carrying capacity of housing C _{0rG} N	Basic load ratings	
S	S ₁	N	B	B ₁	J	A ₂	d ₃ max.	A	U	V		dyn. C _r N	stat. C _{0r} N
2	–	7,1	–	28,6	63,5	–	28	7	24	48	2 700	9 800	4 750
2	–	7,1	22	–	63,5	–	–	7	18	48	2 700	9 800	4 750
2	–	7,1	–	28,6	63,5	–	28	7	24	48	2 700	9 800	4 750
2	–	7,1	22	–	63,5	–	–	7	18	48	2 700	9 800	4 750
2	–	7,1	–	28,6	63,5	–	28	7	24	48	2 700	9 800	4 750
2	–	7,1	22	–	63,5	–	–	7	18	48	2 700	9 800	4 750
2	–	7,1	–	24,6	63,5	–	30	7	20,6	48	2 700	9 400	5 000
2	3	8,7	–	24,6	71,4	7,5	30	14	26,1	–	4 200	9 400	5 000
2	–	8,7	–	31	71,5	–	33	8	25,5	55	3 200	12 800	6 600
2	–	8,7	25	–	71,5	–	–	8	20	55	3 200	12 800	6 600
2	–	8,7	–	25,4	76	–	36	7,1	21,4	55	3 000	10 100	5 900
2	3	8,7	–	25,4	76,2	8,5	36	16	28	–	4 500	10 100	5 900
2	–	8,7	–	31	76,2	–	37,5	8,7	25,5	60	3 650	14 000	7 800
2	–	8,7	27	–	76,2	–	–	8,7	21,5	60	3 650	14 000	7 800
2,5	3,5	11,5	–	26,5	90,5	9	42,5	16	29	–	6 000	13 200	8 300
2,5	–	10,5	–	35,7	90,5	–	44	8,7	29,2	71	5 000	19 500	11 300
2,5	–	10,5	30	–	90,5	–	–	8,7	23,5	71	5 000	19 500	11 300
2,5	–	10,5	–	38,9	100	–	51	10,5	31,5	81	6 300	25 500	15 300
2,5	–	10,5	35	–	100	–	–	10,5	28	81	6 300	25 500	15 300
3,5	–	13,5	–	43,8	119	–	58	11,5	36,2	90	7 000	32 500	19 800
3,5	–	13,5	39,5	–	119	–	–	11,5	32,5	90	7 000	32 500	19 800



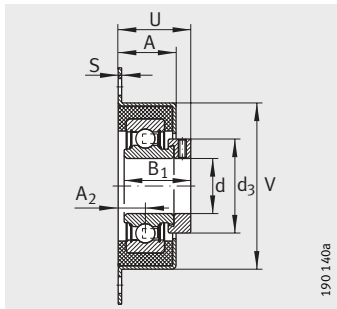
Two-bolt flanged housing units

Sheet steel housings with rubber interliner



RCSMF

Dimension table · Dimensions in mm									
Designation				Mass m ≈kg	Dimensions				
Unit	Housing	Rubber interliner	Radial insert ball bearing		d	L	H	S	N
RCSMF12	FLAN65-RCSMF	RCSM40/65	RAE12-NPP	0,27	12	70	114	1,5	10,5
RCSMF15	FLAN65-RCSMF	RCSM40/65	RAE15-NPP	0,27	15	70	114	1,5	10,5
RCSMF17	FLAN65-RCSMF	RCSM40/65	RAE17-NPP	0,27	17	70	114	1,5	10,5
RCSMF20	FLAN65-RCSMF	RCSM47/65	RAE20-NPP	0,32	20	70	114	1,5	10,5
RCSMF25	FLAN65-RCSMF	RCSM52/65	RAE25-NPP	0,33	25	70	114	1,5	10,5
RCSMF30	FLAN65-RCSMF	RCSM55/65	RAE30-NPP	0,32	30	70	114	1,5	10,5



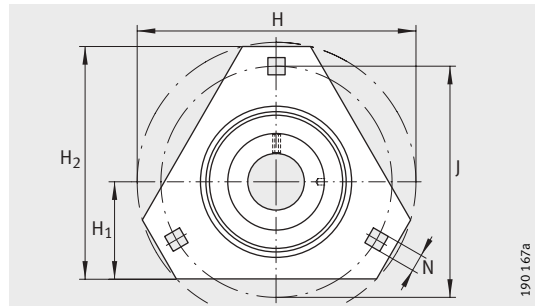
RCSMF

							Load carrying capacity of housing	Basic load ratings	
B ₁	J	A ₂	d ₃ max.	A	U	V	C _{0rG} N	dyn. C _r N	stat. C _{0r} N
28,6	92	12,7	28	27	34,8	68	900	9 800	4 750
28,6	92	12,7	28	27	34,8	68	900	9 800	4 750
28,6	92	12,7	28	27	34,8	68	900	9 800	4 750
31	92	12,7	33	27	36,2	68	1 100	12 800	6 600
31	92	12,7	37,5	27	36,2	68	1 400	14 000	7 800
26,5	92	15	42,5	27	35	68	1 400	13 200	8 300



Three-bolt flanged housing units

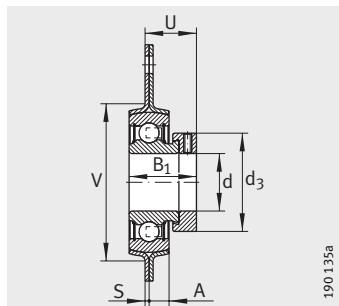
Sheet steel housings



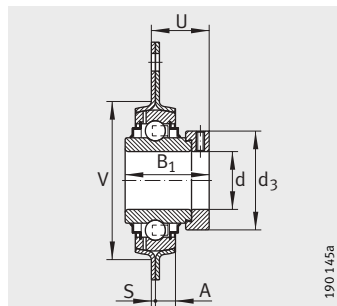
RATR, RALTR, RRTR, RATRY

Dimension table · Dimensions in mm								
Designation			Mass m ≈ kg	Dimensions				
Unit	Housing	Radial insert ball bearing		d	H ₂	H	H ₁	S ₁
RALTR20	FLAN42-LSTR (2 parts)	RALE20-NPP-B	0,21	20	76,2	90,5	33,3	2
RATR20	FLAN47-MSTR (2 parts)	RAE20-NPP-B	0,28	20	76,2	90,5	33,3	2
RRTR20	FLAN47-MSTR (2 parts)	GE20-KRR-B	0,32	20	76,2	90,5	33,3	2
RALTR25¹⁾	FLAN47-LSTR (2 parts)	RALE25-NPP-B	0,23	25	80,5	95,3	34,9	2
RATR25	FLAN42-MSTR (2 parts)	RAE25-NPP-B	0,32	25	80,5	95,3	34,9	2
RRTR25¹⁾	FLAN52-MSTR (2 parts)	E25-KRR-B	0,37	25	80,5	95,3	34,9	2
RATR30	FLAN62-MSTR (2 parts)	RAE30-NPP-B	0,43	30	93	112,7	38,1	2,5
RATRY30	FLAN62-MSTR (2 parts)	AY30-NPP-B	0,41	30	93	112,7	38,1	2,5
RRTR30¹⁾	FLAN62-MSTR (2 parts)	E30-KRR-B	0,5	30	93	112,7	38,1	2,5
RATR35	FLAN72-MSTR (2 parts)	RAE35-NPP-B	0,56	35	105,6	127	44,5	2,5
RATRY35	FLAN72-MSTR (2 parts)	GAY35-NPP-B	0,47	35	105,6	127	44,5	2,5
RRTR35	FLAN72-MSTR (2 parts)	E35-KRR-B	0,63	35	105,6	127	44,5	2,5

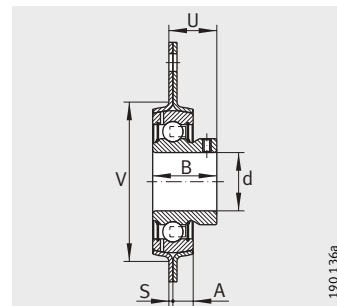
¹⁾ Housing and radial insert ball bearing must be ordered separately.



RATR, RALTR



RRTR



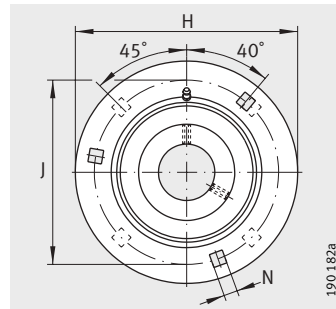
RATRY

								Load carrying capacity of housing C_{0rG} N	Basic load ratings	
N	B	B ₁	J	d ₃ max.	A	U	V		dyn. C_r N	stat. C_{0r} N
8,7	–	24,5	71,5	30	7,2	20,6	49	2 600	9 400	5 000
8,7	–	31	71,5	33	8	25,5	55	3 200	12 800	6 600
8,7	–	43,7	71,5	33	8	28,6	55	3 200	12 800	6 600
8,7	–	25,5	76	36	7,2	21,4	54	3 000	10 100	5 900
8,7	–	31	76	37,5	8,7	25,5	60	3 650	14 000	7 800
8,7	–	44,5	76	37,5	8,7	28,9	60	3 650	14 000	7 800
10,5	–	35,7	90,5	44	8,7	29,2	71	5 000	19 500	11 300
10,5	30	–	90,5	–	8,7	23,5	71	5 000	19 500	11 300
10,5	–	48,5	90,5	44	8,7	32,6	71	5 000	19 500	11 300
10,5	–	39	100	51	9,5	31,9	81	6 400	25 500	15 300
10,5	35	–	100	–	9,5	28	81	6 400	25 500	15 300
10,5	–	51,3	100	51	9,5	34,8	81	6 400	25 500	15 300

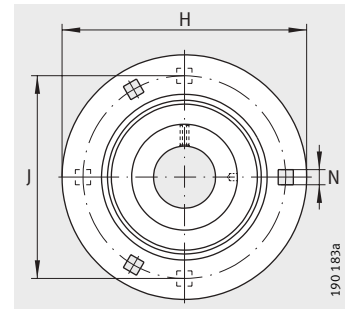


Three-bolt and four-bolt flanged housing units

Sheet steel housings



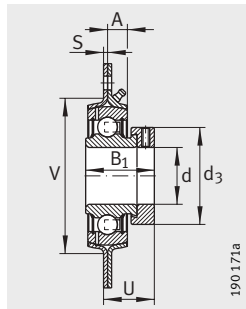
GRA, GRRY..-VA



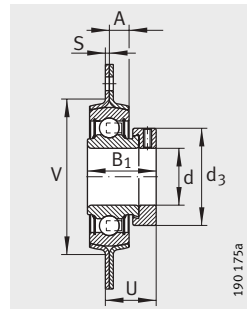
RA, RAY, RRY..-VA

Dimension table · Dimensions in mm			
Designation			Mass
Unit	Housing	Radial insert ball bearing	m ≈ kg
RA12 ¹⁾	FLAN40-MSB (2 parts)	RAE12-NPP-B	0,23
RAY12 ¹⁾	FLAN40-MSB (2 parts)	AY12-NPP-B	0,17
RRY12-VA ¹⁾	FLAN40-MSB-VA (2 parts)	GYE12-KRR-B-VA	0,21
RA15	FLAN40-MSB (2 parts)	RAE15-NPP-B	0,23
RAY15	FLAN40-MSB (2 parts)	AY15-NPP-B	0,16
RRY15-VA ¹⁾	FLAN40-MSB-VA (2 parts)	GYE15-KRR-B-VA	0,2
RA17	FLAN40-MSB (2 parts)	RAE17-NPP-B	0,23
RAY17 ¹⁾	FLAN40-MSB (2 parts)	AY17-NPP-B	0,15
RRY17-VA ¹⁾	FLAN40-MSB-VA (2 parts)	GYE17-KRR-B-VA	0,19
RA20	FLAN47-MSB (2 parts)	RAE20-NPP-B	0,32
RAY20	FLAN47-MSB (2 parts)	AY20-NPP-B	0,3
GRA20	FLAN47-MSB/FLAN47-MSA (1 part each)	GRAE20-NPP-B	0,32
GRRY20-VA	FLAN47-MSB-VA/FLAN47-MSA-VA (1 part each)	GYE20-KRR-B-VA	0,34
RRY20-VA	FLAN47-MSB-VA (2 parts)	GYE20-KRR-B-VA	0,34
RA25	FLAN52-MSB (2 parts)	RAE25-NPP-B	0,37
RAY25	FLAN52-MSB (2 parts)	AY25-NPP-B	0,34
GRA25	FLAN52-MSB/FLAN52-MSA (1 part each)	GRAE25-NPP-B	0,37
GRRY25-VA	FLAN52-MSB-VA/FLAN52-MSA-VA (1 part each)	GYE25-KRR-B-VA	0,38
RRY25-VA	FLAN52-MSB-VA (2 parts)	GYE25-KRR-B-VA	0,38
RA30	FLAN62-MSB (2 parts)	RAE30-NPP-B	0,61
RAY30	FLAN62-MSB (2 parts)	AY30-NPP-B	0,45
GRA30	FLAN62-MSB/FLAN62-MSA (1 part each)	GRAE30-NPP-B	0,61
GRRY30-VA	FLAN62-MSB-VA/FLAN62-MSA-VA (1 part each)	GYE30-KRR-B-VA	0,63
RRY30-VA	FLAN62-MSB-VA (2 parts)	GYE30-KRR-B-VA	0,63
RA35	FLAN72-MSB (2 parts)	RAE35-NPP-B	0,82
RAY35	FLAN72-MSB (2 parts)	GAY35-NPP-B	0,78
GRA35	FLAN72-MSB/FLAN72-MSA (1 part each)	GRAE35-NPP-B	0,82

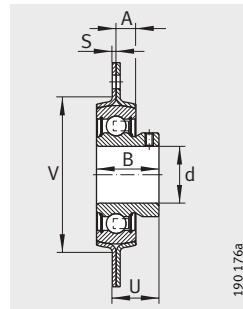
¹⁾ Housing and radial insert ball bearing must be ordered separately.



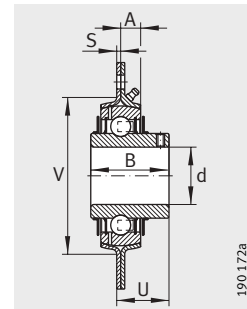
GRA



RA



RAY



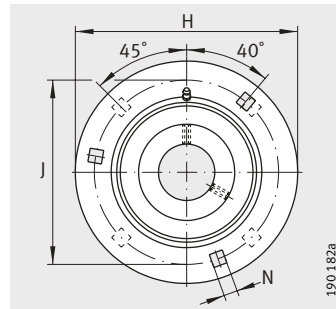
GRRY..-VA, RRY..-VA

Dimensions											Number of screw mounting holes n	Load carrying capacity of housing C _{0rG} N	Basic load ratings	
d	H	S	N	B	B ₁	J	d ₃ max.	A	U	V			dyn. C _r N	stat. C _{0r} N
12	81	2	7,1	–	28,6	63,5	28	7	24	48	3	2 700	9 800	4 750
12	81	2	7,1	22	–	63,5	–	7	18	48	3	2 700	9 800	4 750
12	81	2	7,1	25	–	63,5	–	7	17,4	48	3	2 700	9 800	4 750
15	81	2	7,1	–	28,6	63,5	28	7	24	48	3	2 700	9 800	4 750
15	81	2	7,1	22	–	63,5	–	7	18	48	3	2 700	9 800	4 750
15	81	2	7,1	25	–	63,5	–	7	17,4	48	3	2 700	9 800	4 750
17	81	2	7,1	–	28,6	63,5	28	7	24	48	3	2 700	9 800	4 750
17	81	2	7,1	22	–	63,5	–	7	18	48	3	2 700	9 800	4 750
17	81	2	7,1	25	–	63,5	–	7	17,4	48	3	2 700	9 800	4 750
20	90,5	2	8,7	–	31	71,5	33	8	25,5	55	3	3 200	12 800	6 600
20	90,5	2	8,7	25	–	71,5	–	8	20	55	3	3 200	12 800	6 600
20	90,5	2	8,7	–	31	71,5	33	8	25,5	55	3	3 200	12 800	6 600
20	90,5	2	8,7	31	–	71,5	–	8	20,3	55	3	3 200	12 800	6 600
20	90,5	2	8,7	31	–	71,5	–	8	20,3	55	3	3 200	12 800	6 600
25	95	2	8,7	–	31	76	37,5	8,7	25,5	60	3	3 650	14 000	7 800
25	95	2	8,7	27	–	76	–	8,7	21,5	60	3	3 650	14 000	7 800
25	95	2	8,7	–	31	76	37,5	8,7	25,5	60	3	3 650	14 000	7 800
25	95	2	8,7	34	–	76	–	8,7	21,7	60	3	3 650	14 000	7 800
25	95	2	8,7	34	–	76	–	8,7	21,7	60	3	3 650	14 000	7 800
30	112,7	2,5	10,5	–	35,8	90,5	44	8,7	29,2	71	3	5 000	19 500	11 300
30	112,7	2,5	10,5	30	–	90,5	–	8,7	23,5	71	3	5 000	19 500	11 300
30	112,7	2,5	10,5	–	35,8	90,5	44	8,7	29,2	71	3	5 000	19 500	11 300
30	112,7	2,5	10,5	38,1	–	90,5	–	9	24,7	71	3	5 000	19 500	11 300
30	112,7	2,5	10,5	38,1	–	90,5	–	9	24,7	71	3	5 000	19 500	11 300
35	122	2,5	10,5	–	39	100	51	9,5	31,9	81	3	6 400	25 500	15 300
35	122	2,5	10,5	35	–	100	–	9,5	28	81	3	6 400	25 500	15 300
35	122	2,5	10,5	–	39	100	51	9,5	32	81	3	6 400	25 500	15 300

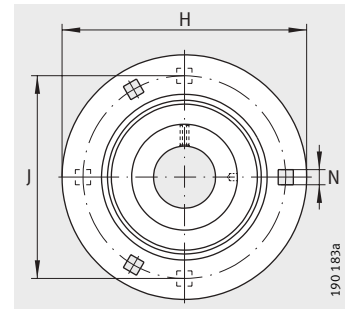


Three-bolt and four-bolt flanged housing units

Sheet steel housings



GRA

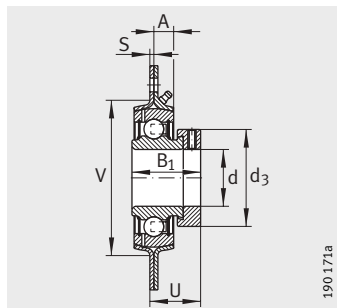


RA, RAY

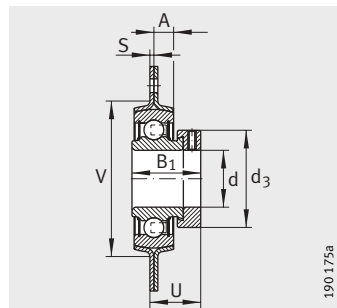
Dimension table (continued) · Dimensions in mm

Designation			Mass	Dimensions	
Unit	Housing	Radial insert ball bearing	m ≈ kg	d	H
RA40	FLAN80-MSB (2 parts)	RAE40-NPP-B	1,36	40	147,5
RAY40 ¹⁾	FLAN80-MSB (2 parts)	GAY40-NPP-B	1,25	40	147,5
GRA40	FLAN80-MSB/FLAN80-MSA (1 part each)	GRAE40-NPP-B	1,36	40	147,5
RA45	FLAN85-MSB (2 parts)	GRAE45-NPP-B	1,41	45	149,2
GRA45	FLAN85-MSB/FLAN85-MSA (1 part each)	GRAE45-NPP-B	1,41	45	149,2
RA50	FLAN90-MSB (2 parts)	GRAE50-NPP-B	1,68	50	155,5
RAY50 ¹⁾	FLAN90-MSB (2 parts)	GAY50-NPP-B	1,68	50	155,5
GRA50	FLAN90-MSB/FLAN90-MSA (1 part each)	GRAE50-NPP-B	1,68	50	155,5
RA55 ¹⁾	FLAN100-MSB (2 parts)	GRAE55-NPP-B	1,39	55	167
RA60 ¹⁾	FLAN110-MSB (2 parts)	GRAE60-NPP-B	2,54	60	176
RAY60 ¹⁾	FLAN110-MSB (2 parts)	GAY60-NPP-B	2,13	60	176

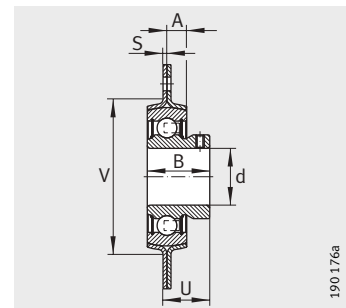
¹⁾ Housing and radial insert ball bearing must be ordered separately.



GRA



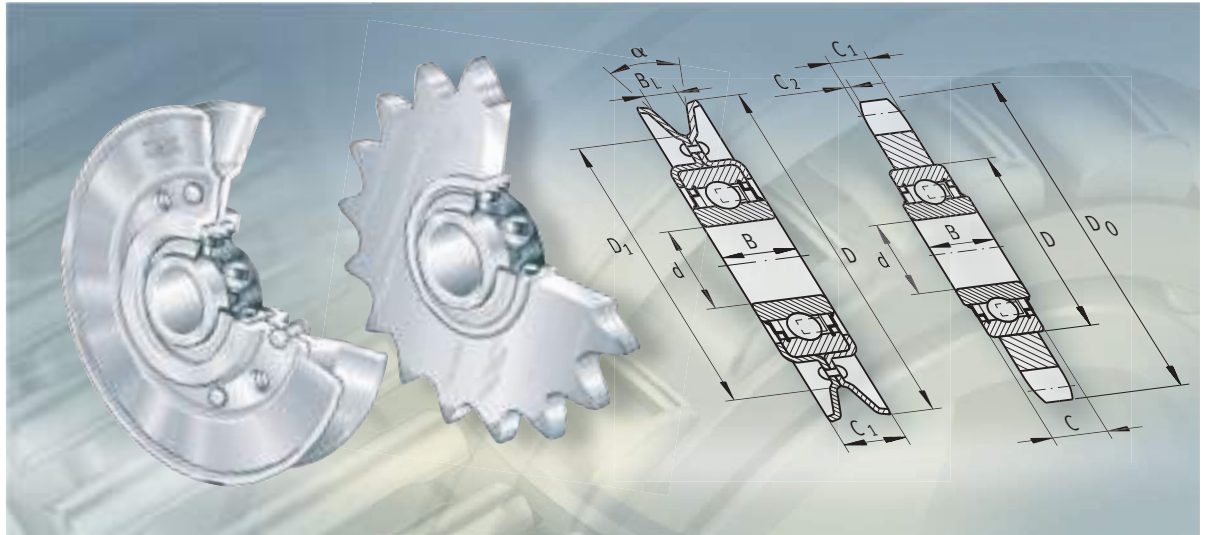
RA



RAY

									Number of mounting holes n	Load carrying capacity of housing C _{0rG} N	Basic load ratings	
S	N	B	B ₁	J	d ₃ max.	A	U	V			dyn. C _r N	stat. C _{0r} N
3,5	13,5	–	43,8	119	58	10,3	36,2	90	4	7 700	32 500	19 800
3,5	13,5	39,5	–	119	–	10,3	32,5	90	4	7 700	32 500	19 800
3,5	13,5	–	43,8	119	58	10,3	36,2	90	4	7 700	32 500	19 800
3,5	13,5	–	43,8	120,5	63	11,1	36,2	95	4	7 700	32 500	20 400
3,5	13,5	–	43,8	120,5	63	11,1	36,2	95	4	7 700	32 500	20 400
4	13,5	–	43,8	127	69	11,1	36,7	100	4	8 600	35 000	23 200
4	13,5	43	–	127	–	11,1	36	100	4	8 600	35 000	23 200
4	13,5	–	43,8	127	69	11,1	36,7	100	4	8 600	35 000	23 200
4	13,5	–	48,4	138	76	12,5	40,4	110	4	9 500	43 500	29 000
4	13,5	–	53,1	148	84	12	43,6	120	4	11 200	52 000	36 000
4	13,5	47	–	148	–	12	38	120	4	11 200	52 000	36 000





Roller chain idler sprocket units
Idler pulley units

Product overview

Roller chain idler sprocket units Idler pulley units

Roller chain idler sprocket units

Sprocket made from steel or sintered iron

KSR...-L0



KSR...-B0



Sprocket made from plastic

KSR...-L0...-22

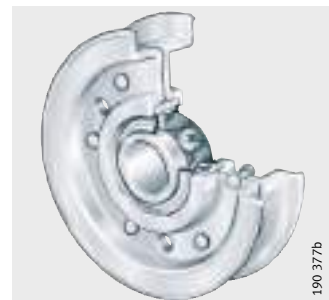


Idler pulley units

RSRA...-L0, RSRA...-K0



RSRB...-L0



RSRD...-L0



Roller chain idler sprocket units

Idler pulley units

Features

Roller chain idler sprocket units

INA roller chain idler sprocket units are guidance and return units for roller bush chains and roller chains. They can compensate for chain stretch resulting from operation and give smoother system running under high loads and speeds.

The ready-to-fit units comprise sprockets and deep groove ball bearings or radial insert ball bearings. The sprockets are made from high strength steel, sintered iron or plastic (polyamide). Sprockets made from plastic give particularly smooth running and generate very little noise. Since the inner ring of the deep groove ball bearing is extended on both sides, no additional spacer rings are required.

In series KSR...-B0, the inner ring is located on the shaft by means of a locking collar. The bearing bore of this series has a plus tolerance. As a result, unmachined shafts up to ISO tolerance h9 can be used under moderate loads and speeds.

Sealing/lubrication

The deep groove ball bearings are sealed on both sides.

They are greased using a lithium soap grease to GA13 and are maintenance-free.

Idler pulley units

Idler pulley units are tensioning systems for belt drives and idler units. They

- increase the wrap angle in belt drives and can therefore support higher power levels or allow smaller units to be used
- compensate for belt stretch resulting from operation
- allow shorter centre distances
- reduce the wear on the belt drive.

The ready-to-fit units comprise deep drawn, profiled sheet steel pulley halves riveted together and deep groove ball bearings.

Pulleys of larger diameters are additionally welded together.

A lead chamfer on the pulley profile prevents damage to the belt. Due to the sheet steel construction, the additional rotating masses and the imbalance masses generated are low.

Type A is suitable for vee belts,
type B for flat, vee and round belts,
type D for round belts, steel cables and hemp ropes.



Sealing/lubrication

The deep groove ball bearings are sealed on both sides.

They are greased using a lithium soap grease to GA13 and are maintenance-free.

Operating temperature

Roller chain idler sprocket units with steel or sintered iron sprockets are suitable for operating temperatures from -20°C to $+120^{\circ}\text{C}$.

Roller chain idler sprocket units with plastic sprockets are suitable for operating temperatures from -20°C to $+80^{\circ}\text{C}$.

Idler pulley units are suitable for operating temperatures from -20°C to $+120^{\circ}\text{C}$, limited by the grease and seal material.

Roller chain idler sprocket units Idler pulley units

Design and safety guidelines Roller chain idler sprocket units

Roller chain idler sprocket units should always be mounted on the slack side of the chain, *Figure 1*.

The wrap angle on the idler sprocket unit should be selected such that at least three teeth are engaged simultaneously.

For grease lubrication, a grease with good adhesion characteristics should be used.

Roller chain idler sprocket units of bore $d = 16$ mm are toleranced so that they can be fitted using M16 mounting screws.

Caution! The minimum press-out force of the deep groove ball bearings is 700 N. This value must not be exceeded during operation.
The preload on the slack side should not be less than 1% of the tractive force on the taut side.

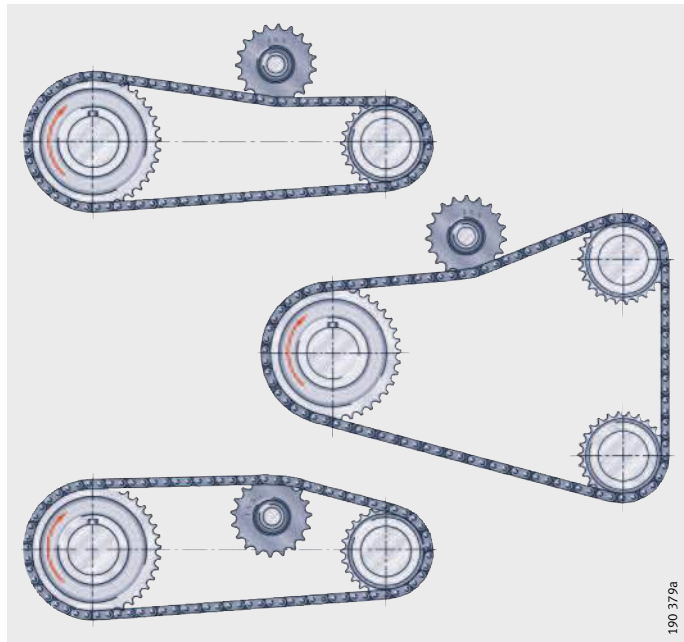


Figure 1
Arrangement on slack side of
chain drive

Material codes

The materials used for the sprockets are classified by material codes, see table.

Code/material

Code	Material	Hardness
08	Sintered iron C 10	HB 50±10
09	Sintered iron D 39	HB 105±15
15	Steel St 52	–
16	Steel C 45	HRC 50±5 Tooth flanks hardened
22	Plastic PA	–

Idler pulley units

Idler pulley units should always be positioned on the slack side of the drive, *Figure 2*.

For normal loads, a light fit for the inner ring combined with axial clamping is sufficient.

If idler pulley units with a flat profile are to be used for tensioning via the back of a vee belt, check the suitability of the vee belt for this arrangement.

Caution! The permissible belt speed of 40 m/s must not be exceeded. Check the permissible strand force and life of the ball bearing for every application.

Preload force

The following is an approximate guide value for the preload S_v between the shafts:

- for flat belts
 $S_v = 2 \text{ to } 3 \times F_u$ (circumferential force)
- for vee belts
 $S_v = 1,7 \text{ to } 2,5 \times F_u$ (circumferential force).

Checking belt tension

Measure the speed ratio without load at low speed. Then measure the speed ratio at operating speed and under operating load. If the difference in speed due to slippage is $> 2\%$, retension the belt.

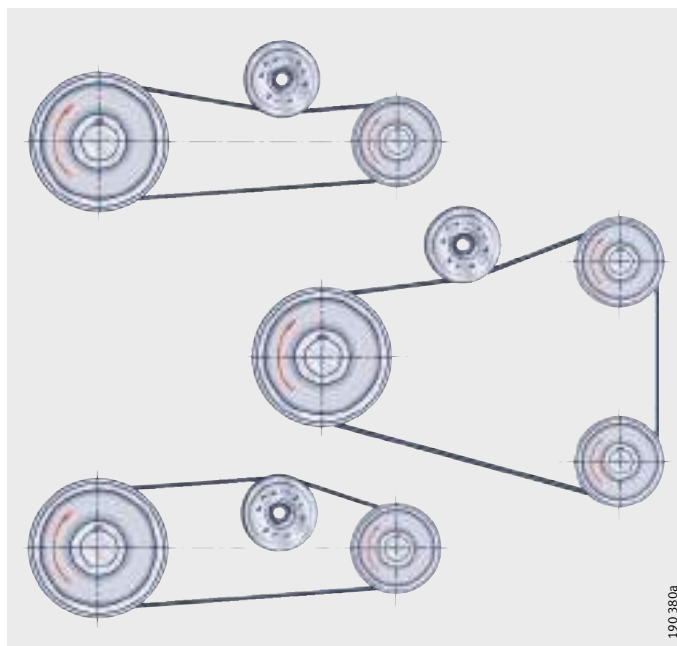
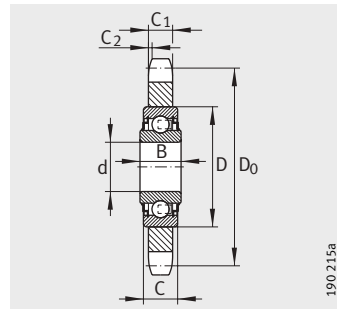


Figure 2
Arrangement
on slack side of belt drive

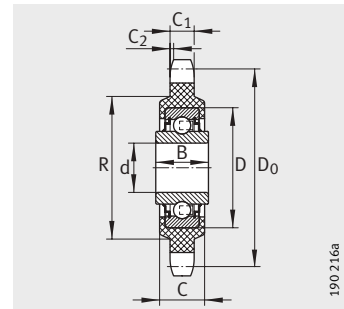
Accuracy

In the case of idler pulley units for vee belts, the groove angles are slightly larger due to the small wrap than recommended according to DIN 2211 and DIN 2217.

Roller chain idler sprocket units



KSR...-L0



KSR...-L0...-22

Dimension table - Dimensions in mm															
Tooth set		Designation ⁴⁾⁵⁾	Mass m ≈kg	Dimensions										For chain to	
p ¹⁾ "	z ²⁾			d ³⁾	C ₁	D ₀	D _k	C _{2 min}	D	B	C	R	DIN 8187	DIN 8188	
³ / ₈	20	KSR16-L0-06-10-20-08	0,14	16,2	5,2	60,9	65	0,8	40	18,3	12	—	*	—	
¹ / ₂	16	KSR16-L0-08-10-16-08	0,16	16,2	7	65,1	70,5	1,1	40	18,3	12	—	*	—	
		KSR16-L0-08-10-16-15	0,14	16,2	7	65,1	70,5	1,1	40	18,3	12	—	*	*	
		KSR16-L0-08-10-16-22	0,1	16,2	7	65,1	70,5	1,1	40	18,3	18,1	48	*	*	
	18	KSR16-L0-08-10-18-08	0,21	16,2	7	73,1	78,6	1,1	40	18,3	12	—	*	—	
		KSR16-L0-08-10-18-09	0,21	16,2	7	73,1	78,6	1,1	40	18,3	12	—	*	*	
		KSR16-L0-08-10-18-16	0,21	16,2	7	73,1	78,6	1,1	40	18,3	12	—	*	*	
⁵ / ₈	14	KSR16-L0-10-10-14-08	0,21	16,2	8,7	71,3	78	1,3	40	18,3	12	—	*	*	
	17	KSR16-L0-10-10-17-08	0,32	16,2	8,7	86,4	93,1	1,3	40	18,3	12	—	*	*	
		KSR16-L0-10-10-17-09	0,32	16,2	8,7	86,4	93,1	1,3	40	18,3	12	—	*	*	
		KSR16-L0-10-10-17-22	0,26	16,2	8,7	86,4	93,1	1,3	40	18,3	18	48	*	*	
³ / ₄	13	KSR16-L0-12-10-13-08	0,33	16,2	10,5	79,6	87	1,5	40	18,3	12	—	*	*	
		KSR16-L0-12-10-13-16	0,33	16,2	10,5	79,6	87	1,5	40	18,3	12	—	*	*	
	15	KSR16-L0-12-10-15-08	0,42	16,2	10,5	91,6	99,2	1,5	40	18,3	12	—	*	*	
		KSR16-L0-12-10-15-09	0,42	16,2	10,5	91,6	99,2	1,5	40	18,3	12	—	*	—	
		KSR16-L0-12-10-15-22	0,36	16,2	10,5	91,6	99,2	1,5	40	18,3	18	48	*	*	
	17	KSR16-L0-12-10-17-15	0,58	16,2	10,5	103,7	111,4	1,5	40	18,3	12	—	*	*	
		KSR16-L0-12-10-17-16	0,58	16,2	10,5	103,7	111,4	1,5	40	18,3	12	—	*	*	
	20	KSR16-L0-12-10-20-15	0,86	16,2	10,5	121,8	130	1,5	40	18,3	12	—	*	*	
1	12	KSR20-L0-16-10-12-15	0,7	20	15,3	98,1	107,6	2	47	17,7	14	—	*	*	
		KSR20-L0-16-10-12-16	0,7	20	15,3	98,1	107,6	2	47	17,7	14	—	*	—	
¹ / ₄	9	KSR25-L0-20-10-09-16	0,8	25	17,6	92,8	103	2,5	52	21	15	—	*	*	
	13	KSR25-L0-20-10-13-15	1,6	25	17,6	132,7	144	2,5	52	21	15	—	*	*	

1) p = pitch.

2) z = number of teeth.

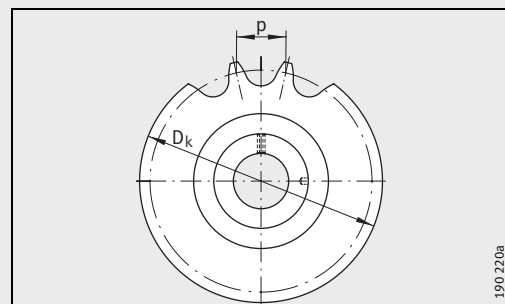
3) Bore tolerance d: see table.

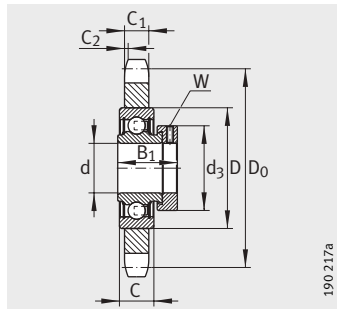
4) Material codes: see page 1176.

5) Composition of designation: see example, page 1179, footnote⁴⁾.

Bore tolerance

Series	Bore d mm	Tolerance mm
KSR...-L0	16,2	0 +0,1
	20 – 25	0 –0,01





KSR..-B0

Dimension table · Dimensions in mm																
Tooth set		Designation ^{3) 4)}	Mass m ≈ kg	Dimensions										W	For chain to	
p ¹⁾	z ²⁾			d ₀ +0,018	C ₁	D ₀	D _k	C _{2 min}	D	B ₁	C	d _{3 max.}			DIN 8187	DIN 8188
3/8	20	KSR15-B0-06-10-20-08	0,18	15	5,2	60,9	65	0,8	40	28,6	12	28	3	*	—	
1/2	16	KSR15-B0-08-10-16-08	0,21	15	7	65,1	70,5	1,1	40	28,6	12	28	3	*	—	
	18	KSR20-B0-08-10-18-08	0,32	20	7	73,1	78,6	1,1	47	31	14	33	3	*	*	
		KSR20-B0-08-10-18-15	0,32	20	7	73,1	78,6	1,1	47	31	14	33	3	*	*	
	19	KSR25-B0-08-10-19-08	0,29	25	7	77,1	82,5	1,1	52	31	15	37,3	3	*	*	
5/8	14	KSR15-B0-10-10-14-08	0,26	15	8,7	71,3	78	1,3	40	28,3	12	28	3	*	*	
	17	KSR20-B0-10-10-17-15	0,41	20	8,7	86,3	93,1	1,3	47	31	14	33	3	*	*	
3/4	13	KSR15-B0-12-10-13-08	0,4	15	10,5	79,6	87	1,5	40	28,6	12	28	3	*	*	
	15	KSR20-B0-12-10-15-16	0,47	20	10,5	91,6	99,2	1,5	47	31	14	33	3	*	*	
1	10	KSR20-B0-16-10-10-15	0,5	20	15,3	82,3	89,4	2	47	31	14	33	3	*	—	
	15	KSR30-B0-16-10-15-15	1,34	30	15,3	122,2	131	2	62	35,7	18	44	4	*	—	

¹⁾ p = pitch.

²⁾ z = number of teeth.

³⁾ Material codes: see page 1176.

⁴⁾ Composition of designation taking example of **roller chain idler sprocket unit KSR15-B0-06-10-20-08**

KSR Roller chain idler sprocket unit

15 Bearing bore diameter

B0 Insert bearing with eccentric locking collar, series RAE..-NPP

06 Sprocket pitch in 1/16", code

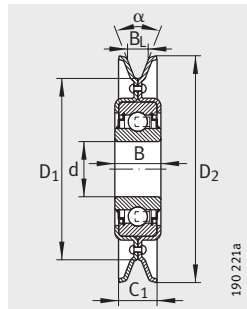
10 Chain code (width index or relevant standard)

20 Number of teeth

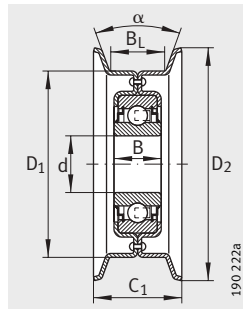
08 Material code (sintered iron).



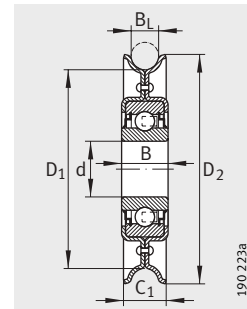
Idler pulley units



RSRA...-L0, RSRA...-K0
Type A



RSRB...-L0
Type B



RSRD...-L0
Type D

Dimension table · Dimensions in mm												
Type	Designation	Mass m ≈ kg	Dimensions						Angle α °	Vee belt size to DIN 2 215, ISO/R 434, ISO/R 608, DIN 7 753 (ISO/R 460)	Basic load ratings ²⁾	
			d ¹⁾	D ₁	D ₂	B	C ₁	B _L			dyn. C _r N	stat. C _{0r} N
A	RSRA15-90-L0	0,24	15	61,6	90	14,4	20	12,4	32	8, 10, (12,5)	7 600	3 700
	RSRA17-102-K0-AH01	0,42	17	70,8	102	12	22,2	12,7	34	8, 10, (12,5)	9 600	4 750
	RSRA13-129-L0	0,56	13	73,7	129	18,3	32	22,1	32	13, 17, 20, 22	9 800	4 750
	RSRA16-129-L0	0,54	16	73,7	129	18,3	32	22,1	32	13, 17, 20, 22	9 800	4 750
	RSRA16-186-L0	1,11	16	130,8	186	18,3	32	22,1	32	13, 17, 20, 22	9 800	4 750
B	RSRB15-92-L0	0,31	15	76,2	92	14,4	31	22,2	10	—	7 600	3 700
	RSRB13-117-L0	0,5	13	101	117	18,3	36	25,4	10	—	9 800	4 750
	RSRB16-117-L0	0,48	16	101	117	18,3	36	25,4	10	—	9 800	4 750
	RSRB13-159-L0	0,8	13	139,7	159	18,3	36,5	25,4	10	—	9 800	4 750
	RSRB16-159-L0	0,78	16	139,7	159	18,3	36,5	25,4	10	—	9 800	4 750
	RSRB16-222-L0	1,45	16	203	222	18,3	50	38	10	—	9 800	4 750
D	RSRD25-150-L0	0,83	25	133	154	21	24	17	—	—	14 000	7 800

¹⁾ Bore tolerance d: see table.

²⁾ Basic load rating of bearing.

Bore tolerance

Bore d mm	Tolerance mm
13	+0,08 −0,05
15	0 −0,08
16	+0,26 +0,13
17	0 −0,008
25	0 −0,01



По вопросам продаж и поддержки обращайтесь:				
Алматы (727)345-47-04 Ангарск (3955)60-70-56 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Благовещенск (4162)22-76-07 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Владикавказ (8672)28-90-48 Владимир (4922)49-43-18 Волгоград (844)278-03-48 Вологда (8172)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89	Иваново (4932)77-34-06 Ижевск (3412)26-03-58 Иркутск (395)279-98-46 Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Коломна (4966)23-41-49 Кострома (4942)77-07-48 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Курган (3522)50-90-47 Липецк (4742)52-20-81	Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12 Новокузнецк (3843)20-46-81 Ноябрьск (3496)41-32-12 Новосибирск (383)227-86-73 Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Петрозаводск (8142)55-98-37 Псков (8112)59-10-37 Пермь (342)205-81-47	Ростов-на-Дону (863)308-18-15 Рязань (4912)46-61-64 Самара (846)206-03-16 Санкт-Петербург (812)309-46-40 Саратов (845)249-38-78 Севастополь (8692)22-31-93 Саранск (8342)22-96-24 Симферополь (3652)67-13-56 Смоленск (4812)29-41-54 Сочи (862)225-72-31 Ставрополь (8652)20-65-13 Сургут (3462)77-98-35 Сыктывкар (8212)25-95-17 Тамбов (4752)50-40-97 Тверь (4822)63-31-35	Тольятти (8482)63-91-07 Томск (3822)98-41-53 Тула (4872)33-79-87 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Улан-Удэ (3012)59-97-51 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Чебоксары (8352)28-53-07 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Чита (3022)38-34-83 Якутск (4112)23-90-97 Ярославль (4852)69-52-93
Россия +7(495)268-04-70	Казахстан +7(727)345-47-04	Беларусь +(375)257-127-884	Узбекистан +998(71)205-18-59	Киргизия +996(312)96-26-47

эл.почта: iap@nt-rt.ru || сайт: <https://ina.nt-rt.ru/>