

Product Reference Guide



INA USA CORPORATION



PLAIN BEARINGS & ROD ENDS

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This product section has been excerpted from our full Product Reference Guide to reduce download time. Our complete Product Reference Guide is available in print and on CD-ROM. To receive the full version, please contact your nearest INA Sales Office listed on the last page of this file.



FOREWORD

This publication was designed to serve as a quick reference to the standard product series offered by INA USA Corporation (INA) for its domestic market. The guide provides a current overview of INA products, including basic envelope dimensions and capacities, in one publication – it is not an engineering design guide intended to replace INA engineering catalogs. Consequently, the metric and inch conversions are listed to 3 decimal places for easy reference and rapid identification of correct replacement part(s), not 4 decimal places as necessary for quality control purposes.

This publication can be used to narrow the choices between the many different INA product lines and series for new designs. Detailed engineering information for new designs can be found in our traditional catalogs or by contacting the INA Engineering Department.

A significant portion of INA sales are special production sizes. The identification of those parts is sometimes difficult since a comprehensive listing is beyond the intent of this publication. Special part numbers take as many different forms as the series listed here, but the basic system is to use sequential numbers for each new design. Usually the prefix is F or FC but can include VH, INA or the bearing type such as NA. INA maintains a technical help desk to identify sizes not known or to match competitors' parts.

The toll free 800 numbers listed will give you access to INA Customer Service representatives. These representatives can tap into INA Worldwide resources to provide the bearings you need.

Storage Life

Lubricants age naturally due to environmental influences. It is therefore the user's responsibility to follow the directions given by the lubricant manufacturer.

The greases used in INA rolling bearings have a mineral oil base and experience shows that they can be stored for up to 3 years without deteriorating providing the following important conditions are met.

- Closed storage room
- Temperature between 0 °C and 40 °C
- Relative atmospheric humidity 65% or less
- Security from chemical agents (vapors, gases, fluids)
- Sealed rolling bearings

The frictional torque can be considerably higher after longer storage periods than in freshly greased bearings and the lubricity of the grease can also have deteriorated.

INA bearings have many optional features available including:

- ISO series of bearings generally include the standard clearance options CN, C2, C3 and C4.
- ISO bearing series include PN, P6 and P5 precision classes.

- Corrotect plating is available for most bearing designs. Corrotect is a patented process for zinc–iron and zinc–iron–cobalt plating in a thin layer which can be applied to standard components. The protection exceeds stainless steel and the cost is half. Add suffix RR.
- All sealed bearings are supplied pregreased. In most cases the standard lubricant is Shell Alvania 2 or equivalent. Other greases are available, some at extra cost.
- Unsealed bearings may not be greased when shipped.
- Speed limits as published, are based on oil lubrication for open bearings or grease lubrication for sealed bearings. The speed limits are calculated based on a nominal load and heat balance equation. Higher speeds may be allowed depending on the application.
- Dynamic capacities are published based on INA standard usage of ISO and ABMA formulas. New life theory threshold values are published in other INA publications.
- Life calculations and evaluations can be made from INA engineering based catalogs which are available from your INA Sales Representative.
- Other features are available based on current production volumes including heat stabilization of the rings, matched bearing sets, with oil holes and grooves, etc.

ABMA American Bearing Manufacturers Association

ASTM American Society Of Testing And Materials

DIN Deutsches Institut für Normung e.V.

ISO International Standards Organization

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General Information

PERMAGLIDE® PLAIN BEARINGS

P10, P11 Maintenance-free

Structure

Permaglide P10 is a maintenance free bearing material which consists of three layers: steel backing, bronze layer and sliding layer. A 0.2 to 0.35 mm thick porous bronze layer (tin bronze or tin/lead bronze) is sintered onto the steel backing. In a rolling operation the pores of the bronze are completely filled with a mixture of polytetrafluoroethylene (PTFE) and lead (Pb). On top of the bronze layer there is a 0.01 to 0.03 mm thick sliding layer of polytetrafluoroethylene (PTFE) and lead (Pb). The steel backing and the sintered bronze skeleton give a very high compressive strength and provide good thermal conductivity for bearings manufactured from the Permaglide P10 material. The O.D., faces and butt joint of the plain bearings are coated with a tin flash for protection against corrosion.

Permaglide P11 also consists of three layers. It has a bronze backing instead of a steel backing. The structure of the porous bronze layer and the sliding layer is the same as the P10 material. The bronze backing gives the plain bearings of this material high corrosion resistance and good thermal conductivity.

Characteristics

- High pv value; values permissible in dry running:
pv = 1.8 N/mm² x m/s (51390 psi x fpm) in continuous operation
pv = 3.6 N/mm² x m/s (102780 psi x fpm) for short periods.
- High load carrying capacity; permissible static contact pressure 250 N/mm² (36258 psi)
- Sliding velocity up to 2 m/s (390 fpm)
- Good sliding properties (stick-slip virtually eliminated)
- Low coefficient of friction (0.03 to 0.25)
- Suitable for temperatures from
-200 C to +280 C (-328 F to +536 F)
- Well suited for rotating and oscillating motion
- Low wear
- No welding tendency with metals
- Good embedding properties for dirt and foreign matter
- No absorption of water and therefore no swelling
- Chemically resistant because of suitable electroplating on steel backing, faces and butt joint faces
- Electrically conductive, no electrostatic charging; advantageous for use with flammable and explosive media
- Low mass
- Minimum space requirement

General Information

PERMAGLIDE® PLAIN BEARINGS

P20, P21, P22 Low Maintenance

Structure

The low maintenance plain bearing materials P20, P21 and P22 consist of three layers: steel backing, bronze layer and a sliding layer. A 0.2 to 0.35 mm thick porous bronze layer (tin bronze or tin/lead bronze) is sintered onto the steel backing. The sliding layer consists of a mixture of polyvinylidene fluoride (PVDF), polytetrafluoroethylene (PTFE) and lead (Pb). In a rolling operation the pores of the bronze are completely filled with the mixture. The sliding layer on top of the bronze layer is a mixture of PVDF, PTFE and Pb. In P20 the sliding layer is 0.05 to 0.1 mm thick. The O.D., faces and butt joint of the plain bearings are coated with a tin flash for protection against corrosion.

P21 and P22 materials are structurally the same as P20 although their sliding layer is thicker. The sliding layer is between 0.15 and 0.4 mm thick making further machining of the bearing surface possible. For example, bearings already installed can be fine turned or reamed in order to correct misalignment of the housing bores or to provide bearings with a small radial internal clearance.

- P20 is ready for assembly and has lubrication pockets.
- P21 has a machining allowance and lubrication pockets.
- P22 has a machining allowance and is without lubrication pockets.

Characteristics

- pv value up to 3 N/mm² x m/s (85650 psi x fpm)
- High load carrying capacity; permissible static contact pressure 250 N/mm² (36258 psi)
- Sliding velocity up to 3 m/s (590 fpm)
- Low coefficient of friction (0.02 to 0.2)
- Suitable for temperatures from -40 C to +110 C (-40 F to +230 F), for short periods up to + 140 C (+ 284 F)
- Well suited for rotating and oscillating motion
- Low maintenance because of long relubrication intervals
- Low wear
- Good embedding properties for dirt and foreign matter
- Low sensitivity to edge loading
- No absorption of water



General Information

ELGES SPHERICAL PLAIN BEARINGS AND ROD ENDS

PRODUCT DESCRIPTION

Elges Spherical Plain Bearings

- Available as inch and metric series
- Available as steel on steel sliding for high shock load capacity
- Available as chrome on PTFE for maintenance free operation
- Many series available with seals for excluding contamination
- For operation in difficult applications for rolling bearings such as hydraulic cylinders, construction equipment, dredging and others

Elges Rod Ends

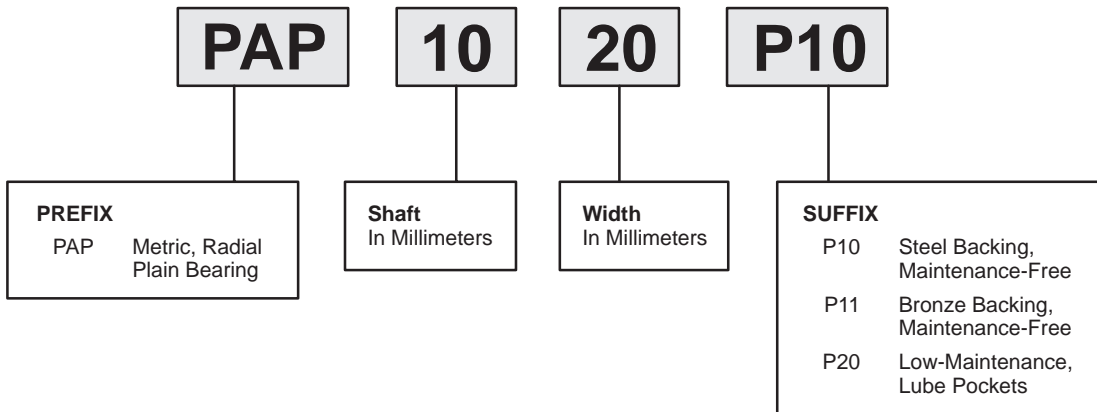
- Available as popular metric series
- Allows adjustments in equipment by self aligning and with threaded adapter lengths
- Available with weldable ends for hydraulic cylinders
- Available as standard duty and maintenance free designs
- Many series available with seals for excluding contamination

Part Number Identification

PERMAGLIDE PLAIN BEARINGS

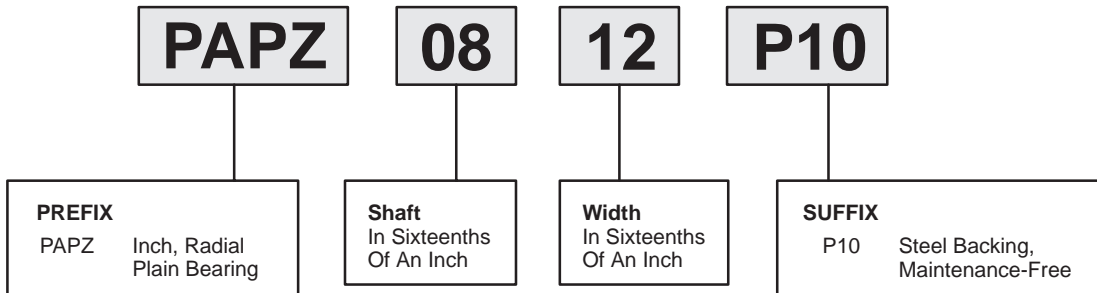
PERMAGLIDE PLAIN BEARINGS

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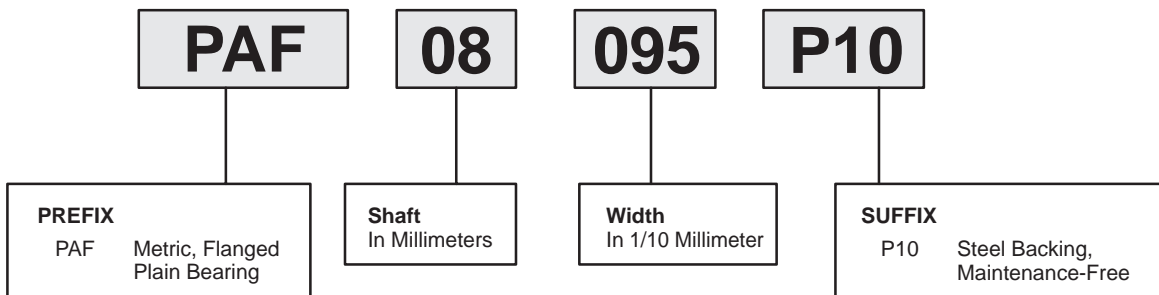
PERMAGLIDE PLAIN BEARINGS

PAPZ



PERMAGLIDE FLANGED PLAIN BEARINGS

PAF

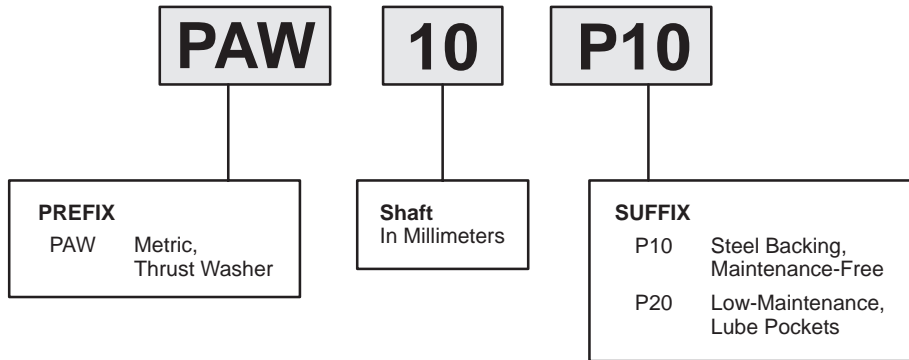


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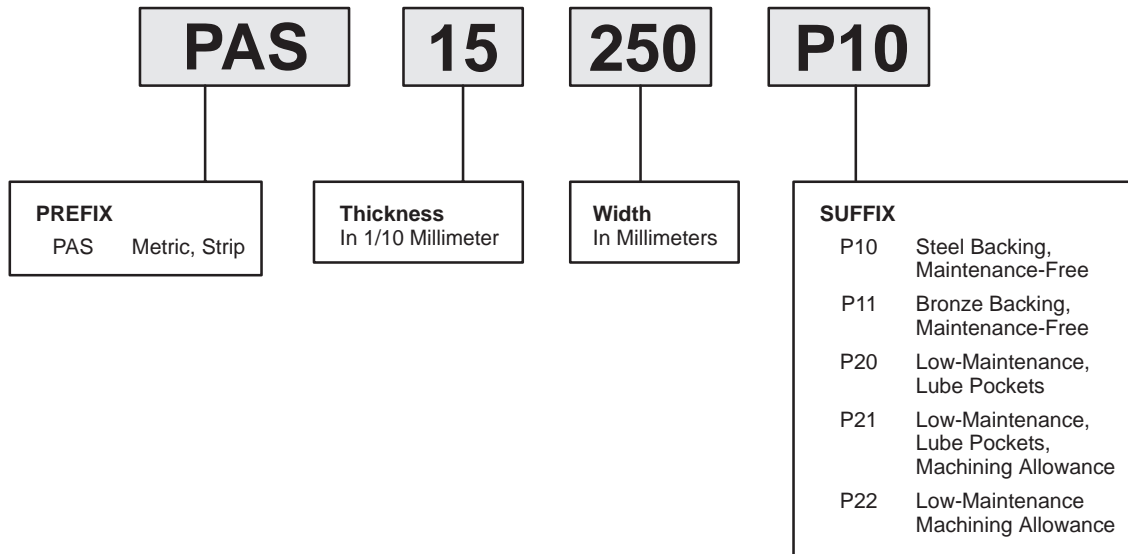
PERMAGLIDE THRUST WASHERS

PAW



PERMAGLIDE STRIPS

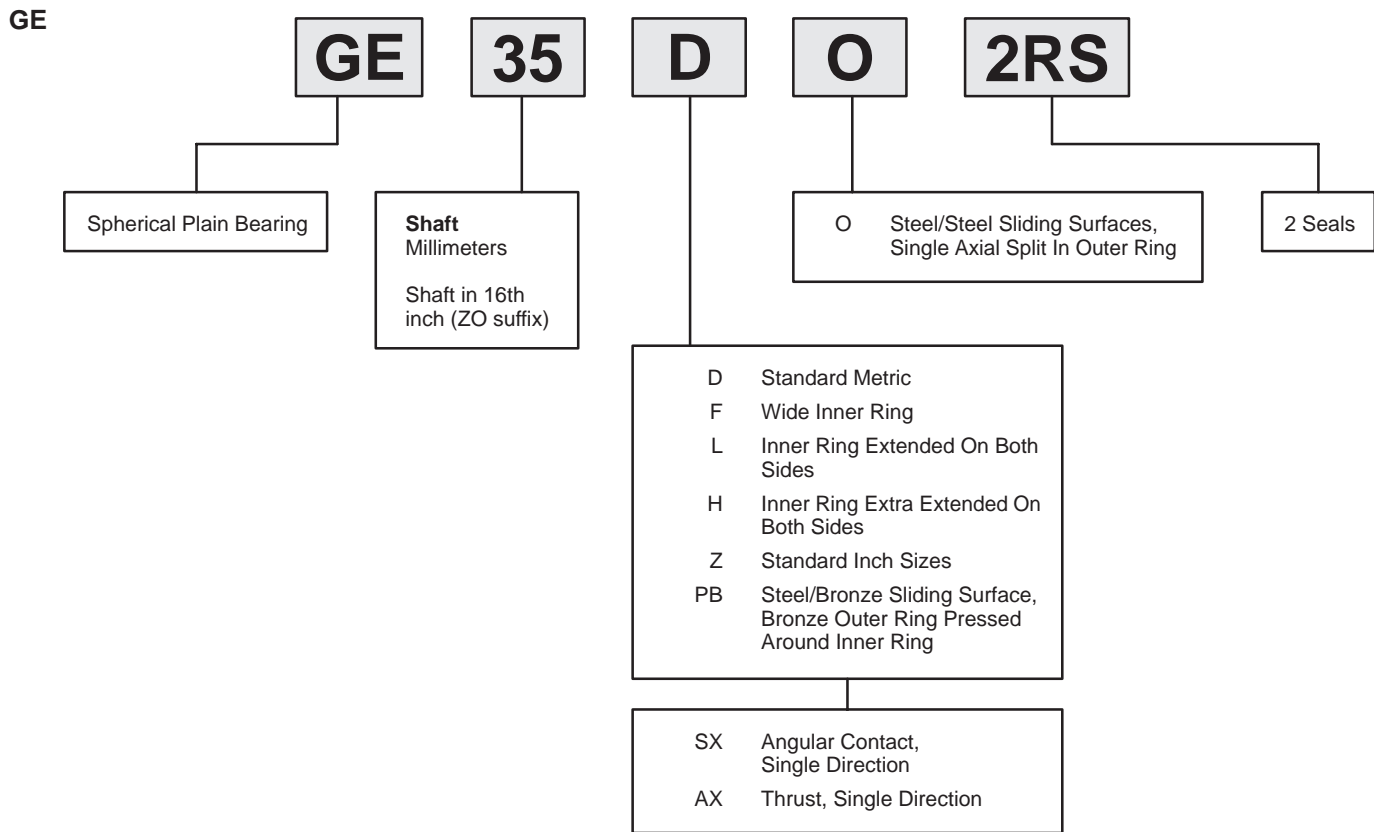
PAS



Part Number Identification

ELGES SPHERICAL PLAIN BEARINGS AND ROD ENDS

ELGES SPHERICAL PLAIN BEARINGS MAINTENANCE REQUIRED

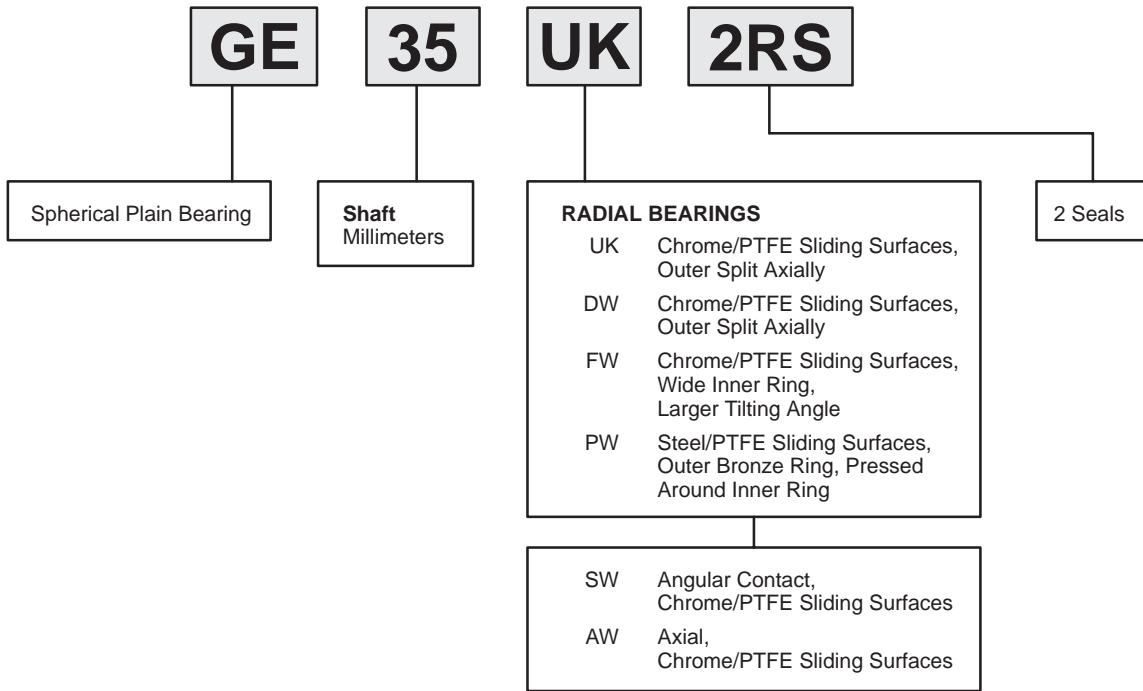


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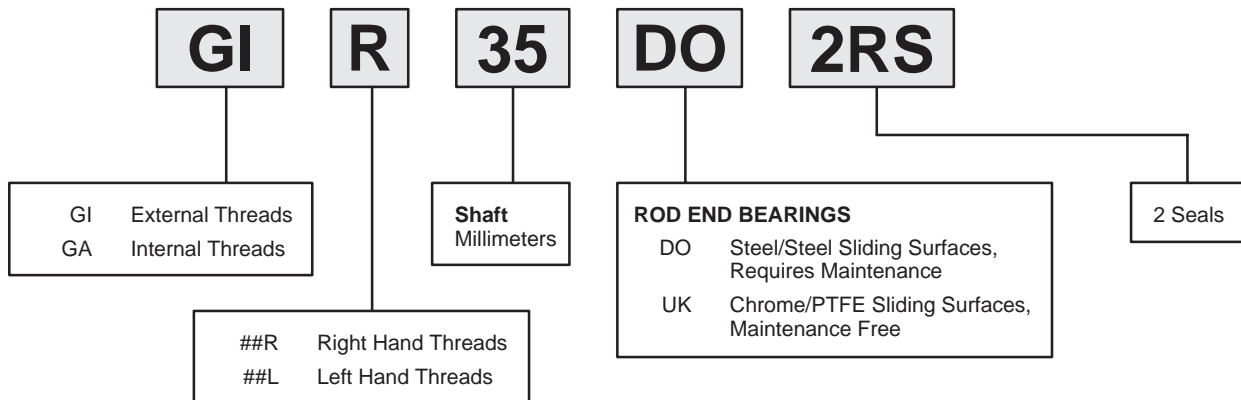
ELGES SPHERICAL PLAIN BEARINGS MAINTENANCE-FREE

GE



ELGES ROD ENDS DIN648 SERIES E

GI, GA

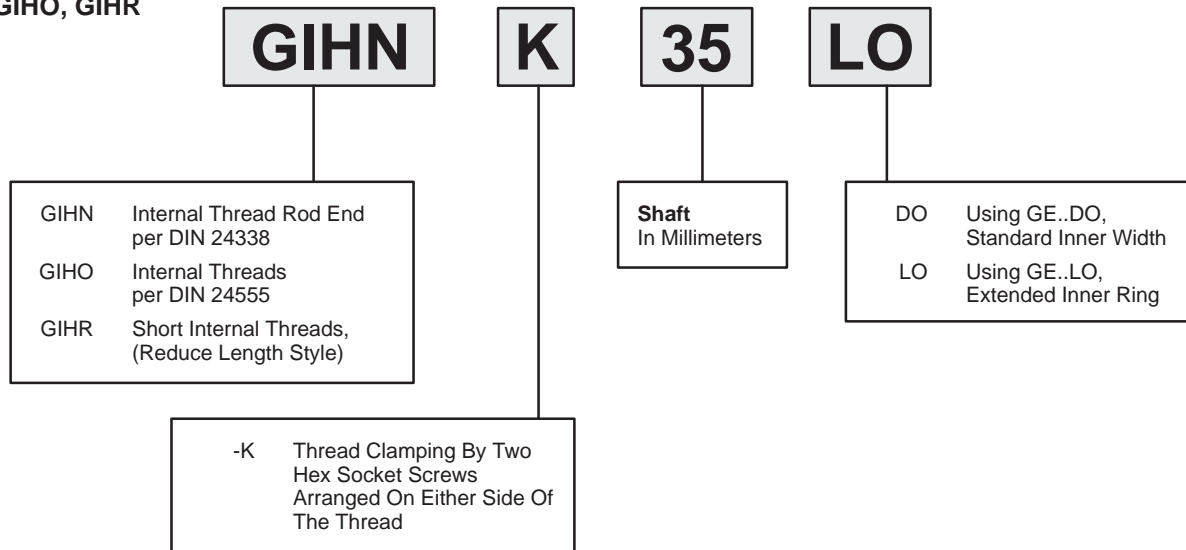


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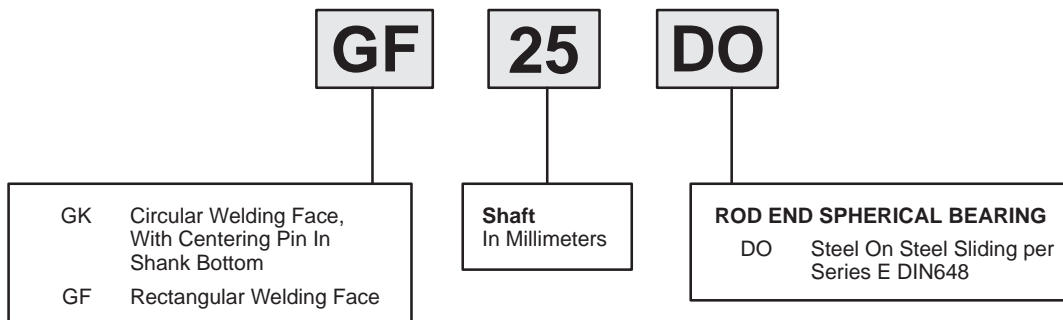
ELGES HYDRAULIC ROD ENDS

GIHN, GIHO, GIHR



ELGES HYDRAULIC ROD ENDS

GK, GF

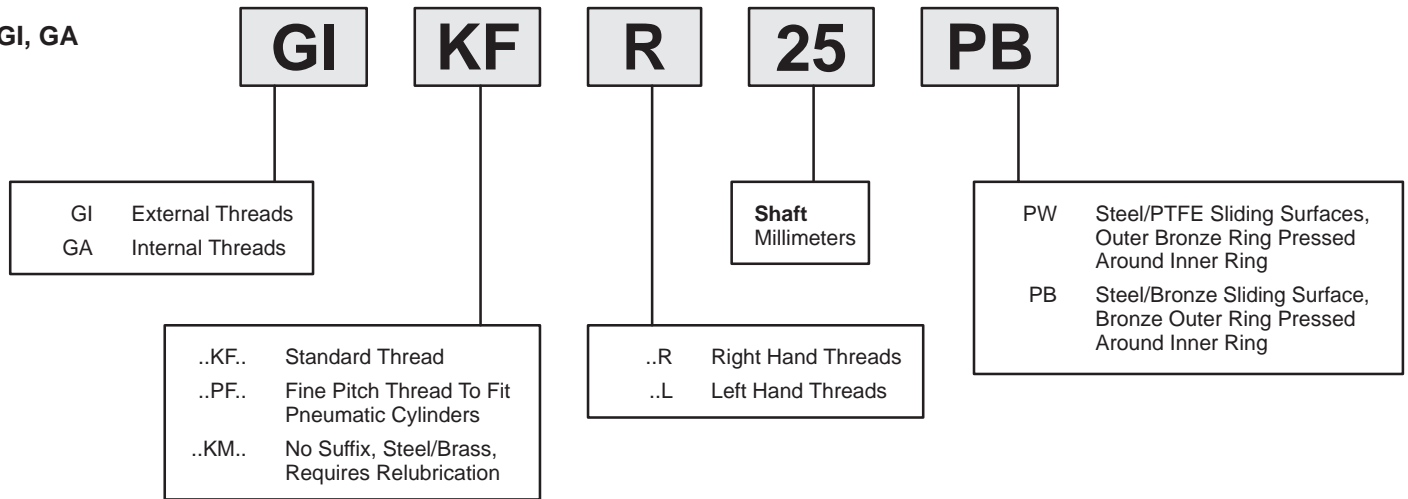


Part Number Identification

ELGES SPHERICAL PLAIN BEARINGS AND ROD ENDS

ELGES ROD ENDS DIN648 SERIES K

GI, GA



Interchange Metric Plain Bearings PAP..P10 SERIES

- Maintenance free

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 (800)523-6572.

PERMAGLIDE			GARLOCK		
PAP 0203 P10	MB 0203	DU			
PAP 0205 P10	MB 0205	DU			
PAP 0303 P10	MB 0303	DU			
PAP 0304 P10	NONE				
PAP 0305 P10	MB 0305	DU			
PAP 0306 P10	MB 0306	DU			
PAP 0403 P10	MB 0403	DU			
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PAP 0410 P10	MB 0410	DU			
PAP 0505 P10	MB 0505	DU			
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Interchange Inch Plain Bearings PAPZ..P10 SERIES

- Maintenance free

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 (800)523-6572.

PERMAGLIDE			GARLOCK		
PAPZ	0303	P10	03	DU	03
PAPZ	0304	P10	03	DU	04
PAPZ	0306	P10	03	DU	06
PAPZ	0404	P10	04	DU	04
PAPZ	0406	P10	04	DU	06
PAPZ	0408	P10		NONE	
PAPZ	0506	P10	05	DU	06
PAPZ	0603	P10	06	DU	03
PAPZ	0604	P10	06	DU	04
PAPZ	0606	P10	06	DU	06
PAPZ	0608	P10	06	DU	08
PAPZ	0610	P10	06	DU	10
PAPZ	0612	P10	06	DU	12
PAPZ	0706	P10		NONE	
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PAPZ	0804	P10	08	DU	04
PAPZ	0806	P10	08	DU	06
PAPZ	0808	P10	08	DU	08
PAPZ	0810	P10	08	DU	10
PAPZ	0812	P10	08	DU	12
PAPZ	0814	P10	08	DU	14
PAPZ	0908	P10	09	DU	08
PAPZ	0912	P10	09	DU	12
PAPZ	1004	P10	10	DU	04
PAPZ	1008	P10	10	DU	08
PAPZ	1010	P10	10	DU	10
PAPZ	1012	P10	10	DU	12
PAPZ	1014	P10	10	DU	14
PAPZ	1204	P10	12	DU	04
PAPZ	1206	P10	12	DU	06
PAPZ	1208	P10	12	DU	08
PAPZ	1210	P10	12	DU	10
PAPZ	1212	P10	12	DU	12
PAPZ	1216	P10	12	DU	16
PAPZ	1412	P10	14	DU	12
PAPZ	1416	P10	14	DU	16
PAPZ	1608	P10	16	DU	08
PAPZ	1612	P10	16	DU	12
PAPZ	1616	P10	16	DU	16
PAPZ	1620	P10	16	DU	20
PAPZ	1624	P10	16	DU	24
PAPZ	1808	P10	18	DU	08
PAPZ	1812	P10	18	DU	12
PAPZ	1816	P10	18	DU	16
PAPZ	2012	P10	20	DU	12
PAPZ	2016	P10	20	DU	16

PERMAGLIDE			GARLOCK		
PAPZ	2020	P10	20	DU	20
PAPZ	2210	P10	22	DU	10
PAPZ	2216	P10	22	DU	16
PAPZ	2228	P10	22	DU	28
PAPZ	2416	P10	24	DU	16
PAPZ	2420	P10	24	DU	20
PAPZ	2424	P10	24	DU	24
PAPZ	2432	P10	24	DU	32
PAPZ	2616	P10	26	DU	16
PAPZ	2624	P10	26	DU	24
PAPZ	2816	P10	28	DU	16
PAPZ	2824	P10	28	DU	24
PAPZ	2832	P10	28	DU	32
PAPZ	3216	P10	32	DU	16
PAPZ	3224	P10	32	DU	24
PAPZ	3232	P10	32	DU	32
PAPZ	3240	P10	32	DU	40



Interchange Metric Thrust Washers PAW..P10 SERIES

- Maintenance free

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 (800)523-6572.

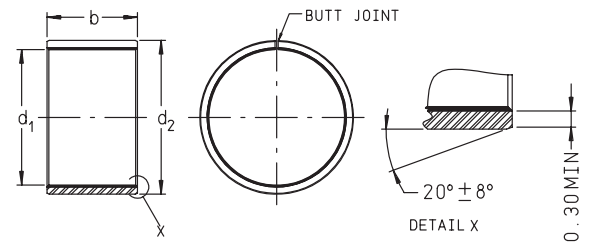
PERMAGLIDE			GARLOCK		
PAW	10	P10	NONE		
PAW	12	P10	WC	10	DU
PAW	14	P10	WC	12	DU
PAW	16	P10	WC	14	DU
PAW	18	P10	WC	16	DU
PAW	20	P10	WC	18	DU
PAW	22	P10	WC	20	DU
PAW	26	P10	WC	24	DU
PAW	28	P10	WC	25	DU
PAW	32	P10	WC	30	DU
PAW	38	P10	WC	35	DU
PAW	42	P10	WC	40	DU
PAW	48	P10	WC	45	DU
PAW	52	P10	WC	50	DU
PAW	62	P10	NONE		



Permaglide Plain Bearings

PAPZ...P10 SERIES

- Inch dimensions
- Maintenance free
- Steel backing



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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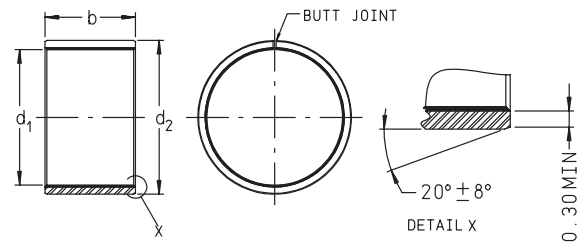
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAPZ 0303 P10	3/16	4.763	1/4	6.350	3/16	4.763	0.0011	0.5
PAPZ 0304 P10	3/16	4.763	1/4	6.350	1/4	6.350	0.0015	0.7
PAPZ 0306 P10	3/16	4.763	1/4	6.350	3/8	9.525	0.0022	1.0
PAPZ 0404 P10	1/4	6.350	5/16	7.938	1/4	6.350	0.0018	0.8
PAPZ 0406 P10	1/4	6.350	5/16	7.938	3/8	9.525	0.0029	1.3
PAPZ 0408 P10	1/4	6.350	5/16	7.938	1/2	12.700	0.0037	1.7
PAPZ 0506 P10	5/16	7.938	3/8	9.525	3/8	9.525	0.0035	1.6
PAPZ 0603 P10	3/8	9.525	15/32	11.906	3/16	4.763	0.0031	1.4
PAPZ 0604 P10	3/8	9.525	15/32	11.906	1/4	6.350	0.0042	1.9
PAPZ 0606 P10	3/8	9.525	15/32	11.906	3/8	9.525	0.0064	2.9
PAPZ 0608 P10	3/8	9.525	15/32	11.906	1/2	12.700	0.0084	3.8
PAPZ 0610 P10	3/8	9.525	15/32	11.906	5/8	15.875	0.0106	4.8
PAPZ 0612 P10	3/8	9.525	15/32	11.906	3/4	19.050	0.0128	5.8
PAPZ 0706 P10	7/16	11.113	17/32	13.494	3/8	9.525	0.0073	3.3
PAPZ 0708 P10	7/16	11.113	17/32	13.494	1/2	12.700	0.0097	4.4
PAPZ 0710 P10	7/16	11.113	17/32	13.494	5/8	15.875	0.0121	5.5
PAPZ 0712 P10	7/16	11.113	17/32	13.494	3/4	19.050	0.0145	6.6
PAPZ 0804 P10	1/2	12.700	19/32	15.081	1/4	6.350	0.0055	2.5
PAPZ 0806 P10	1/2	12.700	19/32	15.081	3/8	9.525	0.0081	3.7
PAPZ 0808 P10	1/2	12.700	19/32	15.081	1/2	12.700	0.0110	5.0
PAPZ 0810 P10	1/2	12.700	19/32	15.081	5/8	15.875	0.0137	6.2
PAPZ 0812 P10	1/2	12.700	19/32	15.081	3/4	19.050	0.0165	7.5
PAPZ 0814 P10	1/2	12.700	19/32	15.081	7/8	22.225	0.0192	8.7
PAPZ 0908 P10	9/16	14.288	21/32	16.669	1/2	12.700	0.0121	5.5
PAPZ 0912 P10	9/16	14.288	21/32	16.669	3/4	19.050	0.0183	8.3
PAPZ 1004 P10	5/8	15.875	23/32	18.256	1/4	6.350	0.0066	3.0
PAPZ 1008 P10	5/8	15.875	23/32	18.256	1/2	12.700	0.0134	6.1
PAPZ 1010 P10	5/8	15.875	23/32	18.256	5/8	15.875	0.0167	7.6
PAPZ 1012 P10	5/8	15.875	23/32	18.256	3/4	19.050	0.0203	9.2
PAPZ 1014 P10	5/8	15.875	23/32	18.256	7/8	22.225	0.0236	10.7
PAPZ 1204 P10	3/4	19.050	7/8	22.225	1/4	6.350	0.0108	4.9
PAPZ 1206 P10	3/4	19.050	7/8	22.225	3/8	9.525	0.0165	7.5
PAPZ 1208 P10	3/4	19.050	7/8	22.225	1/2	12.700	0.0218	9.9
PAPZ 1210 P10	3/4	19.050	7/8	22.225	5/8	15.875	0.0271	12.3
PAPZ 1212 P10	3/4	19.050	7/8	22.225	3/4	19.050	0.0326	14.8
PAPZ 1216 P10	3/4	19.050	7/8	22.225	1	25.400	0.0434	19.7
PAPZ 1412 P10	7/8	22.225	1	25.400	3/4	19.050	0.0377	17.1
PAPZ 1416 P10	7/8	22.225	1	25.400	1	25.400	0.0502	22.8
PAPZ 1608 P10	1	25.400	1-1/8	28.575	1/2	12.700	0.0284	12.9
PAPZ 1612 P10	1	25.400	1-1/8	28.575	3/4	19.050	0.0425	19.3
PAPZ 1616 P10	1	25.400	1-1/8	28.575	1	25.400	0.0568	25.8
PAPZ 1620 P10	1	25.400	1-1/8	28.575	1-1/4	31.750	0.0709	32.2
PAPZ 1624 P10	1	25.400	1-1/8	28.575	1-1/2	38.100	0.0852	38.7
PAPZ 1808 P10	1-1/8	28.575	1-9/32	32.544	1/2	12.700	0.0403	18.3
PAPZ 1812 P10	1-1/8	28.575	1-9/32	32.544	3/4	19.050	0.0604	27.4
PAPZ 1816 P10	1-1/8	28.575	1-9/32	32.544	1	25.400	0.0804	36.5



Permaglide Plain Bearings

PAPZ...P10 SERIES

- Inch dimensions
- Maintenance free
- Steel backing



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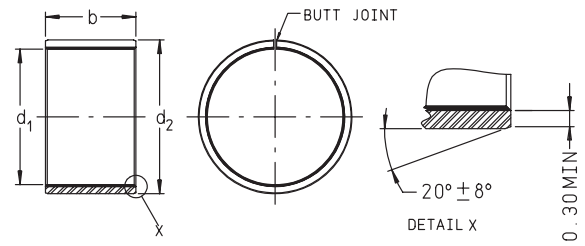
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAPZ 2012 P10	1-1/4	31.750	1-13/32	35.719	3/4	19.050	0.0665	30.2
PAPZ 2016 P10	1-1/4	31.750	1-13/32	35.719	1	25.400	0.0888	40.3
PAPZ 2020 P10	1-1/4	31.750	1-13/32	35.719	1-1/4	31.750	0.1111	50.4
PAPZ 2210 P10	1-3/8	34.925	1-17/32	38.894	5/8	15.875	0.0607	27.6
PAPZ 2216 P10	1-3/8	34.925	1-17/32	38.894	1	25.400	0.0972	44.1
PAPZ 2228 P10	1-3/8	34.925	1-17/32	38.894	1-3/4	44.450	0.1696	77.0
PAPZ 2416 P10	1-1/2	38.100	1-21/32	42.069	1	25.400	0.1057	48.0
PAPZ 2420 P10	1-1/2	38.100	1-21/32	42.069	1-1/4	31.750	0.1322	60.0
PAPZ 2424 P10	1-1/2	38.100	1-21/32	42.069	1-1/2	38.100	0.1586	72.0
PAPZ 2432 P10	1-1/2	38.100	1-21/32	42.069	2	50.800	0.2115	96.0
PAPZ 2616 P10	1-5/8	41.275	1-25/32	45.244	1	25.400	0.1145	52.0
PAPZ 2624 P10	1-5/8	41.275	1-25/32	45.244	1-1/2	38.100	0.1718	78.0
PAPZ 2816 P10	1-3/4	44.450	1-15/16	49.213	1	25.400	0.1476	67.0
PAPZ 2824 P10	1-3/4	44.450	1-15/16	49.213	1-1/2	38.100	0.2225	101.0
PAPZ 2832 P10	1-3/4	44.450	1-15/16	49.213	2	50.800	0.2952	134.0
PAPZ 3216 P10	2	50.800	2-3/16	55.563	1	25.400	0.1674	76.0
PAPZ 3224 P10	2	50.800	2-3/16	55.563	1-1/2	38.100	0.2511	114.0
PAPZ 3232 P10	2	50.800	2-3/16	55.563	2	50.800	0.3370	153.0
PAPZ 3240 P10	2	50.800	2-3/16	55.563	2-1/2	63.500	0.4207	191.0



Permaglide Plain Bearings

PAP...P10 SERIES

- Metric dimensions
- Maintenance free
- Steel backing
- Recommended Mounting Tolerances:
 Shaft – ID<5:h6, 5 ± ID<80:f7, 80 ± ID:h8
 Housing bore – OD ± 5.5:H6, 5.5<OD:H7



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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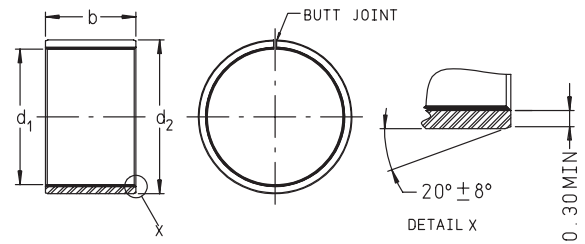
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 0203 P10	0.079	2	0.138	3.5	0.118	3	0.0004	0.20
PAP 0205 P10	0.079	2	0.138	3.5	0.197	5	0.0007	0.30
PAP 0303 P10	0.118	3	0.177	4.5	0.118	3	0.0004	0.19
PAP 0304 P10	0.118	3	0.177	4.5	0.157	4	0.0004	0.20
PAP 0305 P10	0.118	3	0.177	4.5	0.197	5	0.0007	0.32
PAP 0306 P10	0.118	3	0.177	4.5	0.236	6	0.0009	0.39
PAP 0403 P10	0.157	4	0.217	5.5	0.118	3	0.0005	0.24
PAP 0404 P10	0.157	4	0.217	5.5	0.157	4	0.0007	0.33
PAP 0406 P10	0.157	4	0.217	5.5	0.236	6	0.0013	0.60
PAP 0410 P10	0.157	4	0.217	5.5	0.394	10	0.0019	0.84
PAP 0505 P10	0.197	5	0.276	7	0.197	5	0.0016	0.71
PAP 0508 P10	0.197	5	0.276	7	0.315	8	0.0025	1.14
PAP 0510 P10	0.197	5	0.276	7	0.394	10	0.0031	1.43
PAP 0606 P10	0.236	6	0.315	8	0.236	6	0.0020	0.90
PAP 0608 P10	0.236	6	0.315	8	0.315	8	0.0031	1.40
PAP 0610 P10	0.236	6	0.315	8	0.394	10	0.0037	1.67
PAP 0710 P10	0.276	7	0.354	9	0.394	10	0.0040	1.80
PAP 0808 P10	0.315	8	0.394	10	0.315	8	0.0038	1.72
PAP 0810 P10	0.315	8	0.394	10	0.394	10	0.0046	2.10
PAP 0812 P10	0.315	8	0.394	10	0.472	12	0.0055	2.50
PAP 1008 P10	0.394	10	0.472	12	0.315	8	0.0044	2.00
PAP 1010 P10	0.394	10	0.472	12	0.394	10	0.0055	2.50
PAP 1012 P10	0.394	10	0.472	12	0.472	12	0.0064	2.90
PAP 1015 P10	0.394	10	0.472	12	0.591	15	0.0084	3.80
PAP 1020 P10	0.394	10	0.472	12	0.787	20	0.0116	5.28
PAP 1208 P10	0.472	12	0.551	14	0.315	8	0.0044	2.00
PAP 1210 P10	0.472	12	0.551	14	0.394	10	0.0066	3.00
PAP 1212 P10	0.472	12	0.551	14	0.472	12	0.0082	3.74
PAP 1215 P10	0.472	12	0.551	14	0.591	15	0.0103	4.68
PAP 1220 P10	0.472	12	0.551	14	0.787	20	0.0134	6.10
PAP 1225 P10	0.472	12	0.551	14	0.984	25	0.0167	7.60
PAP 1310 P10	0.512	13	0.591	15	0.394	10	0.0070	3.20
PAP 1410 P10	0.551	14	0.630	16	0.394	10	0.0077	3.50
PAP 1412 P10	0.551	14	0.630	16	0.472	12	0.0095	4.32
PAP 1415 P10	0.551	14	0.630	16	0.591	15	0.0119	5.40
PAP 1420 P10	0.551	14	0.630	16	0.787	20	0.0156	7.10
PAP 1425 P10	0.551	14	0.630	16	0.984	25	0.0194	8.80
PAP 1510 P10	0.591	15	0.669	17	0.394	10	0.0081	3.70
PAP 1512 P10	0.591	15	0.669	17	0.472	12	0.0099	4.50
PAP 1515 P10	0.591	15	0.669	17	0.591	15	0.0125	5.70
PAP 1520 P10	0.591	15	0.669	17	0.787	20	0.0167	7.60
PAP 1525 P10	0.591	15	0.669	17	0.984	25	0.0207	9.40
PAP 1610 P10	0.630	16	0.709	18	0.394	10	0.0088	4.00
PAP 1612 P10	0.630	16	0.709	18	0.472	12	0.0106	4.80
PAP 1615 P10	0.630	16	0.709	18	0.591	15	0.0134	6.10
PAP 1620 P10	0.630	16	0.709	18	0.787	20	0.0178	8.10



Permaglide Plain Bearings

PAP...P10 SERIES

- Metric dimensions
- Maintenance free
- Steel backing
- Recommended Mounting Tolerances:
 Shaft – ID<5:h6, 5 ± ID<80:f7, 80 ± ID:h8
 Housing bore – OD ± 5.5:H6, 5.5<OD:H7



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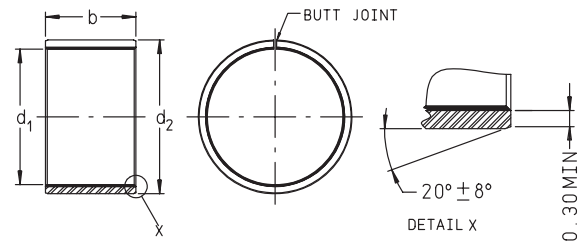
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 1625 P10	0.630	16	0.709	18	0.984	25	0.0222	10.10
PAP 1815 P10	0.709	18	0.787	20	0.591	15	0.0147	6.70
PAP 1820 P10	0.709	18	0.787	20	0.787	20	0.0196	8.90
PAP 1825 P10	0.709	18	0.787	20	0.984	25	0.0244	11.10
PAP 2010 P10	0.787	20	0.906	23	0.394	10	0.0169	7.70
PAP 2015 P10	0.787	20	0.906	23	0.591	15	0.0256	11.64
PAP 2020 P10	0.787	20	0.906	23	0.787	20	0.0332	15.10
PAP 2025 P10	0.787	20	0.906	23	0.984	25	0.0420	19.10
PAP 2030 P10	0.787	20	0.906	23	1.181	30	0.0506	23.00
PAP 2215 P10	0.866	22	0.984	25	0.591	15	0.0280	12.72
PAP 2220 P10	0.866	22	0.984	25	0.787	20	0.0365	16.60
PAP 2225 P10	0.866	22	0.984	25	0.984	25	0.0464	21.10
PAP 2230 P10	0.866	22	0.984	25	1.181	30	0.0554	25.20
PAP 2415 P10	0.945	24	1.063	27	0.591	15	0.0297	13.50
PAP 2420 P10	0.945	24	1.063	27	0.787	20	0.0394	17.90
PAP 2425 P10	0.945	24	1.063	27	0.984	25	0.0502	22.80
PAP 2430 P10	0.945	24	1.063	27	1.181	30	0.0596	27.10
PAP 2515 P10	0.984	25	1.102	28	0.591	15	0.0312	14.20
PAP 2520 P10	0.984	25	1.102	28	0.787	20	0.0418	19.00
PAP 2525 P10	0.984	25	1.102	28	0.984	25	0.0526	23.92
PAP 2530 P10	0.984	25	1.102	28	1.181	30	0.0625	28.40
PAP 2540 P10	0.984	25	1.102	28	1.575	40	0.0836	38.00
PAP 2550 P10	0.984	25	1.102	28	1.969	50	0.1049	47.70
PAP 2820 P10	1.102	28	1.260	32	0.787	20	0.0634	28.80
PAP 2830 P10	1.102	28	1.260	32	1.181	30	0.0968	44.00
PAP 3015 P10	1.181	30	1.339	34	0.591	15	0.0504	22.90
PAP 3020 P10	1.181	30	1.339	34	0.787	20	0.0680	30.90
PAP 3025 P10	1.181	30	1.339	34	0.984	25	0.0847	38.52
PAP 3030 P10	1.181	30	1.339	34	1.181	30	0.1014	46.10
PAP 3040 P10	1.181	30	1.339	34	1.575	40	0.1386	63.00
PAP 3230 P10	1.260	32	1.417	36	1.181	30	0.1076	48.90
PAP 3240 P10	1.260	32	1.417	36	1.575	40	0.1437	65.30
PAP 3520 P10	1.378	35	1.535	39	0.787	20	0.0779	35.40
PAP 3530 P10	1.378	35	1.535	39	1.181	30	0.1159	52.70
PAP 3540 P10	1.378	35	1.535	39	1.575	40	0.1558	70.80
PAP 3550 P10	1.378	35	1.535	39	1.969	50	0.1954	88.80
PAP 4020 P10	1.575	40	1.732	44	0.787	20	0.0880	40.00
PAP 4030 P10	1.575	40	1.732	44	1.181	30	0.1324	60.20
PAP 4040 P10	1.575	40	1.732	44	1.575	40	0.1782	81.00
PAP 4050 P10	1.575	40	1.732	44	1.969	50	0.2222	101.00
PAP 4530 P10	1.772	45	1.969	50	1.181	30	0.1896	86.20
PAP 4540 P10	1.772	45	1.969	50	1.575	40	0.2486	113.00
PAP 4550 P10	1.772	45	1.969	50	1.969	50	0.3157	143.50
PAP 5020 P10	1.969	50	2.165	55	0.787	20	0.1391	63.21
PAP 5030 P10	1.969	50	2.165	55	1.181	30	0.2090	95.00
PAP 5040 P10	1.969	50	2.165	55	1.575	40	0.2783	126.50



Permaglide Plain Bearings

PAP...P10 SERIES

- Metric dimensions
- Maintenance free
- Steel backing
- Recommended Mounting Tolerances:
 Shaft – ID<5:h6, 5 ± ID<80:f7, 80 ± ID:h8
 Housing bore – OD ± 5.5:H6, 5.5<OD:H7



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 (800)523-6572.

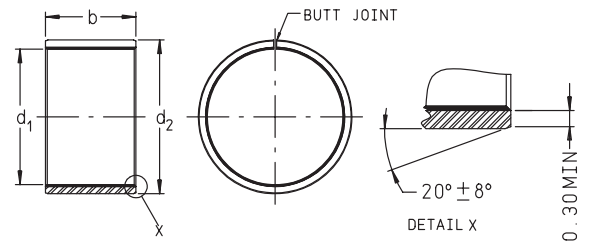
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 5060 P10	1.969	50	2.165	55	2.362	60	0.4136	188.00
PAP 5540 P10	2.165	55	2.362	60	1.575	40	0.3029	137.70
PAP 5560 P10	2.165	55	2.362	60	2.362	60	0.4554	207.00
PAP 6030 P10	2.362	60	2.559	65	1.181	30	0.2486	113.00
PAP 6040 P10	2.362	60	2.559	65	1.575	40	0.3293	149.70
PAP 6060 P10	2.362	60	2.559	65	2.362	60	0.4963	225.60
PAP 6070 P10	2.362	60	2.559	65	2.756	70	0.5819	264.50
PAP 6550 P10	2.559	65	2.756	70	1.969	50	0.4495	204.30
PAP 6560 P10	2.559	65	2.756	70	2.362	60	0.5368	244.00
PAP 6570 P10	2.559	65	2.756	70	2.756	70	0.6248	284.00
PAP 7040 P10	2.756	70	2.953	75	1.575	40	0.3828	174.00
PAP 7050 P10	2.756	70	2.953	75	1.969	50	0.4785	217.50
PAP 7070 P10	2.756	70	2.953	75	2.756	70	0.6710	305.00
PAP 7540 P10	2.953	75	3.150	80	1.575	40	0.4114	187.00
PAP 7550 P10	2.953	75	3.150	80	1.969	50	0.5133	233.30
PAP 7560 P10	2.953	75	3.150	80	2.362	60	0.6159	279.96
PAP 7580 P10	2.953	75	3.150	80	3.150	80	0.8230	374.10
PAP 8040 P10	3.150	80	3.346	85	1.575	40	0.4334	197.00
PAP 8060 P10	3.150	80	3.346	85	2.362	60	0.6534	297.00
PAP 8080 P10	3.150	80	3.346	85	3.150	80	0.8681	394.60
PAP 80100 P10	3.150	80	3.346	85	3.937	100	1.0824	492.00
PAP 8560 P10	3.346	85	3.543	90	2.362	60	0.6886	313.00
PAP 85100 P10	3.346	85	3.543	90	3.937	100	1.1550	525.00
PAP 9050 P10	3.543	90	3.740	95	1.969	50	0.6094	277.00
PAP 9060 P10	3.543	90	3.740	95	2.362	60	0.7326	333.00
PAP 90100 P10	3.543	90	3.740	95	3.937	100	1.2122	551.00
PAP 9560 P10	3.740	95	3.937	100	2.362	60	0.7722	351.00
PAP 95100 P10	3.740	95	3.937	100	3.937	100	1.2826	583.00
PAP 10060 P10	3.937	100	4.134	105	2.362	60	0.8536	388.00
PAP 100115 P10	3.937	100	4.134	105	4.528	115	1.6324	742.00
PAP 10560 P10	4.134	105	4.331	110	2.362	60	0.8140	370.00
PAP 105115 P10	4.134	105	4.331	110	4.528	115	1.5664	712.00
PAP 11060 P10	4.331	110	4.528	115	2.362	60	0.9020	410.00
PAP 110115 P10	4.331	110	4.528	115	4.528	115	1.7050	775.00
PAP 11550 P10	4.528	115	4.724	120	1.969	50	0.7700	350.00
PAP 11560 P10	4.528	115	4.724	120	2.362	60	0.8800	400.00
PAP 11570 P10	4.528	115	4.724	120	2.756	70	0.9900	450.00
PAP 12060 P10	4.724	120	4.921	125	2.362	60	0.9570	435.00
PAP 120100 P10	4.724	120	4.921	125	3.937	100	1.6060	730.00
PAP 125100 P10	4.921	125	5.118	130	3.937	100	1.6720	760.00
PAP 13060 P10	5.118	130	5.315	135	2.362	60	1.0340	470.00
PAP 130100 P10	5.118	130	5.315	135	3.937	100	1.7490	795.00
PAP 13560 P10	5.315	135	5.512	140	2.362	60	1.0780	490.00
PAP 13580 P10	5.315	135	5.512	140	3.150	80	1.4344	652.00
PAP 14060 P10	5.512	140	5.709	145	2.362	60	1.1330	515.00
PAP 140100 P10	5.512	140	5.709	145	3.937	100	1.8810	855.00



Permaglide Plain Bearings

PAP...P10 SERIES

- Metric dimensions
- Maintenance free
- Steel backing
- Recommended Mounting Tolerances:
 Shaft – ID<5:h6, 5 ± ID<80:f7, 80 ± ID:h8
 Housing bore – OD ± 5.5:H6, 5.5<OD:H7



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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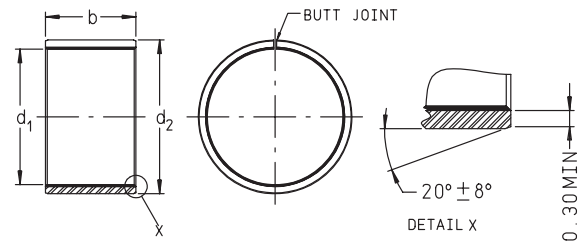
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 15060 P10	5.906	150	6.102	155	2.362	60	1.2100	550.00
PAP 15080 P10	5.906	150	6.102	155	3.150	80	1.6060	730.00
PAP 150100 P10	5.906	150	6.102	155	3.937	100	2.0130	915.00
PAP 16080 P10	6.299	160	6.496	165	3.150	80	1.7072	776.00
PAP 160100 P10	6.299	160	6.496	165	3.937	100	2.1340	970.00
PAP 180100 P10	7.087	180	7.283	185	3.937	100	2.4200	1,100.00
PAP 200100 P10	7.874	200	8.071	205	3.937	100	2.6840	1,220.00
PAP 220100 P10	8.661	220	8.858	225	3.937	100	2.9040	1,320.00
PAP 250100 P10	9.843	250	10.039	255	3.937	100	3.2890	1,495.00
PAP 300100 P10	11.811	300	12.008	305	3.937	100	3.8720	1,760.00



Permaglide Plain Bearings

PAP...P11 SERIES

- Metric dimensions
- Maintenance free
- Bronze backing
- Recommended Mounting Tolerances:
Shaft – ID<80:f7, 80±ID:h8
Housing bore – H7



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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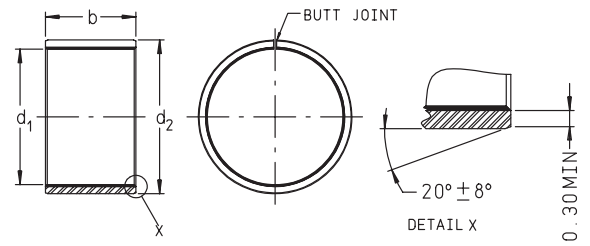
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 0406 P11	0.157	4	0.236	6	0.236	6	0.0018	0.8
PAP 0505 P11	0.197	5	0.276	7	0.197	5	0.0018	0.8
PAP 0606 P11	0.236	6	0.315	8	0.236	6	0.0024	1.1
PAP 0610 P11	0.236	6	0.315	8	0.394	10	0.0042	1.9
PAP 0808 P11	0.315	8	0.394	10	0.315	8	0.0040	1.8
PAP 0810 P11	0.315	8	0.394	10	0.394	10	0.0048	2.2
PAP 0812 P11	0.315	8	0.394	10	0.472	12	0.0059	2.7
PAP 1005 P11	0.394	10	0.472	12	0.197	5	0.0031	1.4
PAP 1010 P11	0.394	10	0.472	12	0.394	10	0.0059	2.7
PAP 1015 P11	0.394	10	0.472	12	0.591	15	0.0092	4.2
PAP 1020 P11	0.394	10	0.472	12	0.787	20	0.0123	5.6
PAP 1210 P11	0.472	12	0.551	14	0.394	10	0.0073	3.3
PAP 1212 P11	0.472	12	0.551	14	0.472	12	0.0090	4.1
PAP 1215 P11	0.472	12	0.551	14	0.591	15	0.0114	5.2
PAP 1220 P11	0.472	12	0.551	14	0.787	20	0.0152	6.9
PAP 1225 P11	0.472	12	0.551	14	0.984	25	0.0191	8.7
PAP 1415 P11	0.551	14	0.630	16	0.591	15	0.0132	6.0
PAP 1515 P11	0.591	15	0.669	17	0.591	15	0.0150	6.8
PAP 1525 P11	0.591	15	0.669	17	0.984	25	0.0227	10.3
PAP 1615 P11	0.630	16	0.709	18	0.591	15	0.0147	6.7
PAP 1625 P11	0.630	16	0.709	18	0.984	25	0.0242	11.0
PAP 1825 P11	0.709	18	0.787	20	0.984	25	0.0268	12.2
PAP 2015 P11	0.787	20	0.906	23	0.591	15	0.0293	13.3
PAP 2020 P11	0.787	20	0.906	23	0.787	20	0.0374	17.0
PAP 2025 P11	0.787	20	0.906	23	0.984	25	0.0469	21.3
PAP 2030 P11	0.787	20	0.906	23	1.181	30	0.0561	25.5
PAP 2215 P11	0.866	22	0.984	25	0.591	15	0.0345	15.7
PAP 2220 P11	0.866	22	0.984	25	0.787	20	0.0460	20.9
PAP 2225 P11	0.866	22	0.984	25	0.984	25	0.0583	26.5
PAP 2430 P11	0.945	24	1.063	27	1.181	30	0.0750	34.1
PAP 2525 P11	0.984	25	1.102	28	0.984	25	0.0647	29.4
PAP 2530 P11	0.984	25	1.102	28	1.181	30	0.0777	35.3
PAP 2830 P11	1.102	28	1.260	32	1.181	30	0.1012	46.0
PAP 3020 P11	1.181	30	1.339	34	0.787	20	0.0810	36.8
PAP 3030 P11	1.181	30	1.339	34	1.181	30	0.1214	55.2
PAP 3040 P11	1.181	30	1.339	34	1.575	40	0.1628	74.0
PAP 3520 P11	1.378	35	1.535	39	0.787	20	0.0972	44.2
PAP 3530 P11	1.378	35	1.535	39	1.181	30	0.1459	66.3
PAP 4050 P11	1.575	40	1.732	44	1.969	50	0.2609	118.6
PAP 4550 P11	1.772	45	1.969	50	1.969	50	0.4090	185.9
PAP 5030 P11	1.969	50	2.165	55	1.181	30	0.2955	134.3
PAP 5040 P11	1.969	50	2.165	55	1.575	40	0.3938	179.0
PAP 5060 P11	1.969	50	2.165	55	2.362	60	0.5920	269.1
PAP 5540 P11	2.165	55	2.362	60	1.575	40	0.3412	155.1
PAP 6040 P11	2.362	60	2.559	65	1.575	40	0.3705	168.4
PAP 6050 P11	2.362	60	2.559	65	1.969	50	0.4631	210.5



Permaglide Plain Bearings

PAP...P11 SERIES

- Metric dimensions
- Maintenance free
- Bronze backing
- Recommended Mounting Tolerances:
 Shaft – ID<80:f7, 80±ID:h8
 Housing bore – H7



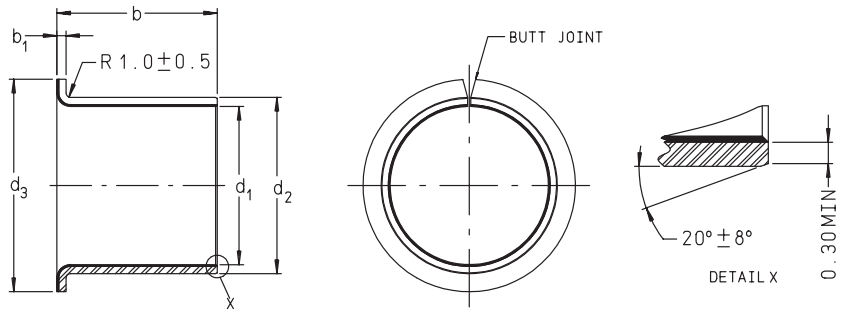
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 6060 P11	2.362	60	2.559	65	2.362	60	0.5557	252.6
PAP 6070 P11	2.362	60	2.559	65	2.756	70	0.6483	294.7
PAP 7050 P11	2.756	70	2.953	75	1.969	50	0.5379	244.5
PAP 7070 P11	2.756	70	2.953	75	2.756	70	0.7531	342.3
PAP 8060 P11	3.150	80	3.346	85	2.362	60	0.7313	332.4
PAP 80100 P11	3.150	80	3.346	85	3.937	100	1.2188	554.0
PAP 9060 P11	3.543	90	3.740	95	2.362	60	0.7766	353.0
PAP 90100 P11	3.543	90	3.740	95	3.937	100	1.2936	588.0
PAP 9560 P11	3.740	95	3.937	100	2.362	60	0.9460	430.0
PAP 10060 P11	3.937	100	4.134	105	2.362	60	0.9064	412.0
PAP 100115 P11	3.937	100	4.134	105	4.528	115	1.7380	790.0



Permaglide Flanged Plain Bearings PAF...P10 SERIES

- Maintenance free
- Steel backing
- Recommended Mounting Tolerances:
Shaft – f7
Housing bore – H7

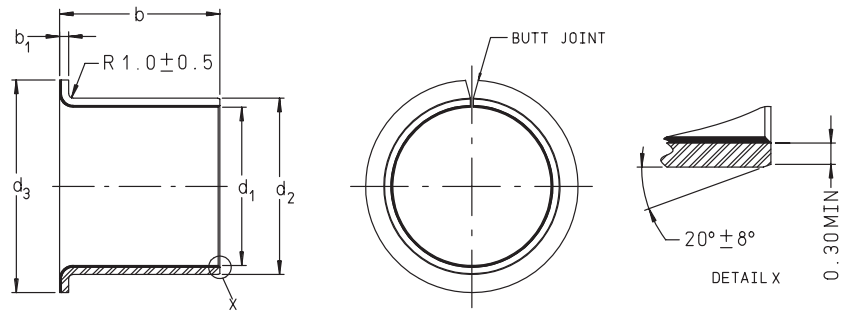


For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
For engineering or technical information contact your local sales representative or call Distributor Sales (800)523-6572.

PART NUMBER	SHAFT		OD		FLANGE WALL	FLANGE WALL	LENGTH		FLANGE DIA.	FLANGE DIA.	WEIGHT	WEIGHT
	d ₁	d ₁	d ₂	d ₂			b ₁	b ₁				
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm		
PAF 06040 P10	0.236	6	0.315	8	0.039	1	0.157	4	0.472	12	0.0019	0.9
PAF 06070 P10	0.236	6	0.315	8	0.039	1	0.276	7	0.472	12	0.0035	1.6
PAF 06080 P10	0.236	6	0.315	8	0.039	1	0.315	8	0.472	12	0.0037	1.7
PAF 08055 P10	0.315	8	0.394	10	0.039	1	0.217	5.5	0.591	15	0.0037	1.7
PAF 08075 P10	0.315	8	0.394	10	0.039	1	0.295	7.5	0.591	15	0.0046	2.1
PAF 08095 P10	0.315	8	0.394	10	0.039	1	0.374	9.5	0.591	15	0.0056	2.5
PAF 10070 P10	0.394	10	0.472	12	0.039	1	0.276	7	0.709	18	0.0055	2.5
PAF 10090 P10	0.394	10	0.472	12	0.039	1	0.354	9	0.709	18	0.0064	2.9
PAF 10120 P10	0.394	10	0.472	12	0.039	1	0.472	12	0.709	18	0.0084	3.8
PAF 10170 P10	0.394	10	0.472	12	0.039	1	0.669	17	0.709	18	0.0118	5.4
PAF 12070 P10	0.472	12	0.551	14	0.039	1	0.276	7	0.787	20	0.0066	3.0
PAF 12090 P10	0.472	12	0.551	14	0.039	1	0.354	9	0.787	20	0.0082	3.7
PAF 12120 P10	0.472	12	0.551	14	0.039	1	0.472	12	0.787	20	0.0103	4.7
PAF 12170 P10	0.472	12	0.551	14	0.039	1	0.669	17	0.787	20	0.0134	6.1
PAF 14120 P10	0.551	14	0.630	16	0.039	1	0.472	12	0.866	22	0.0118	5.4
PAF 14170 P10	0.551	14	0.630	16	0.039	1	0.669	17	0.866	22	0.0156	7.1
PAF 15090 P10	0.591	15	0.669	17	0.039	1	0.354	9	0.906	23	0.0097	4.4
PAF 15120 P10	0.591	15	0.669	17	0.039	1	0.472	12	0.906	23	0.0126	5.7
PAF 15170 P10	0.591	15	0.669	17	0.039	1	0.669	17	0.906	23	0.0170	7.7
PAF 16120 P10	0.630	16	0.709	18	0.039	1	0.472	12	0.945	24	0.0132	6.0
PAF 16170 P10	0.630	16	0.709	18	0.039	1	0.669	17	0.945	24	0.0183	8.3
PAF 18120 P10	0.709	18	0.787	20	0.039	1	0.472	12	1.024	26	0.0147	6.7
PAF 18170 P10	0.709	18	0.787	20	0.039	1	0.669	17	1.024	26	0.0196	8.9
PAF 18220 P10	0.709	18	0.787	20	0.039	1	0.866	22	1.024	26	0.0244	11.1
PAF 20115 P10	0.787	20	0.906	23	0.059	1.5	0.453	11.5	1.181	30	0.0255	11.6
PAF 20165 P10	0.787	20	0.906	23	0.059	1.5	0.650	16.5	1.181	30	0.0332	15.1
PAF 20215 P10	0.787	20	0.906	23	0.059	1.5	0.846	21.5	1.181	30	0.0420	19.1
PAF 25115 P10	0.984	25	1.102	28	0.059	1.5	0.453	11.5	1.378	35	0.0312	14.2
PAF 25165 P10	0.984	25	1.102	28	0.059	1.5	0.650	16.5	1.378	35	0.0418	19.0
PAF 25215 P10	0.984	25	1.102	28	0.059	1.5	0.846	21.5	1.378	35	0.0526	23.9
PAF 30160 P10	1.181	30	1.339	34	0.079	2	0.630	16	1.654	42	0.0680	30.9
PAF 30260 P10	1.181	30	1.339	34	0.079	2	1.024	26	1.654	42	0.1014	46.1
PAF 35160 P10	1.378	35	1.535	39	0.079	2	0.630	16	1.850	47	0.0779	35.4
PAF 35260 P10	1.378	35	1.535	39	0.079	2	1.024	26	1.850	47	0.1159	52.7
PAF 40260 P10	1.575	40	1.732	44	0.079	2	1.024	26	2.087	53	0.1320	60.0

Permaglide Flanged Plain Bearings PAF...P11 SERIES

- Maintenance free
- Bronze backing
- Recommended Mounting Tolerances:
Shaft – f7
Housing bore – H7



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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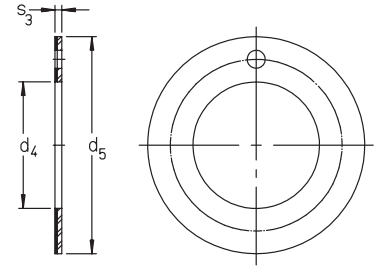
PART NUMBER	SHAFT		OD		FLANGE WALL	FLANGE WALL	LENGTH		FLANGE		WEIGHT	WEIGHT
	d ₁	d ₁	d ₂	d ₂			b ₁	b ₁	b	b		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	g
PAF 06080 P11	0.236	6	0.315	8	0.039	1	0.315	8	0.472	12	0.0037	1.7
PAF 08055 P11	0.315	8	0.394	10	0.039	1	0.217	5.5	0.591	15	0.0037	1.7
PAF 08095 P11	0.315	8	0.394	10	0.039	1	0.374	9.5	0.591	15	0.0056	2.5
PAF 10070 P11	0.394	10	0.472	12	0.039	1	0.276	7	0.709	18	0.0055	2.5
PAF 10120 P11	0.394	10	0.472	12	0.039	1	0.472	12	0.709	18	0.0084	3.8
PAF 10170 P11	0.394	10	0.472	12	0.039	1	0.669	17	0.709	18	0.0118	5.4
PAF 12070 P11	0.472	12	0.551	14	0.039	1	0.276	7	0.787	20	0.0066	3.0
PAF 12090 P11	0.472	12	0.551	14	0.039	1	0.354	9	0.787	20	0.0082	3.7
PAF 12120 P11	0.472	12	0.551	14	0.039	1	0.472	12	0.787	20	0.0103	4.7
PAF 15120 P11	0.591	15	0.669	17	0.039	1	0.472	12	0.906	23	0.0126	5.7
PAF 15170 P11	0.591	15	0.669	17	0.039	1	0.669	17	0.906	23	0.0170	7.7
PAF 16120 P11	0.630	16	0.709	18	0.039	1	0.472	12	0.945	24	0.0132	6.0
PAF 18100 P11	0.709	18	0.787	20	0.039	1	0.394	10	1.024	26	0.0110	5.0
PAF 18220 P11	0.709	18	0.787	20	0.039	1	0.866	22	1.024	26	0.0244	11.1
PAF 20115 P11	0.787	20	0.906	23	0.059	1.5	0.453	11.5	1.181	30	0.0256	11.6
PAF 20165 P11	0.787	20	0.906	23	0.059	1.5	0.650	16.5	1.181	30	0.0333	15.1
PAF 25215 P11	0.984	25	1.102	28	0.059	1.5	0.846	21.5	1.378	35	0.0526	23.9
PAF 30160 P11	1.181	30	1.339	34	0.079	2	0.630	16	1.654	42	0.0681	30.9
PAF 30260 P11	1.181	30	1.339	34	0.079	2	1.024	26	1.654	42	0.1015	46.1
PAF 35260 P11	1.378	35	1.535	39	0.079	2	1.024	26	1.850	47	0.1161	52.7
PAF 40260 P11	1.575	40	1.732	44	0.079	2	1.024	26	2.087	53	0.1300	59.0



Permaglide Thrust Washers

PAW...P10 SERIES

- Maintenance free
- Steel backing



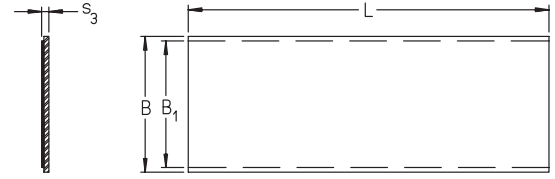
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales (800)523-6572.

PART NUMBER	SHAFT d ₄ inch	SHAFT d ₄ mm	OD d ₅ inch	OD d ₅ mm	WALL s ₃ inch	WALL s ₃ mm	WEIGHT lbs	WEIGHT g
PAW 10 P10	0.394	10	0.787	20	0.059	1.5	0.0057	2.6
PAW 12 P10	0.472	12	0.945	24	0.059	1.5	0.0084	3.8
PAW 14 P10	0.551	14	1.024	26	0.059	1.5	0.0088	4.0
PAW 16 P10	0.630	16	1.181	30	0.059	1.5	0.0121	5.5
PAW 18 P10	0.709	18	1.260	32	0.059	1.5	0.0132	6.0
PAW 20 P10	0.787	20	1.417	36	0.059	1.5	0.0176	8.0
PAW 22 P10	0.866	22	1.496	38	0.059	1.5	0.0187	8.5
PAW 26 P10	1.024	26	1.732	44	0.059	1.5	0.0244	11.1
PAW 28 P10	1.102	28	1.890	48	0.059	1.5	0.0293	13.3
PAW 32 P10	1.260	32	2.126	54	0.059	1.5	0.0359	16.3
PAW 38 P10	1.496	38	2.441	62	0.059	1.5	0.0462	21.0
PAW 42 P10	1.654	42	2.598	66	0.059	1.5	0.0484	22.0
PAW 48 P10	1.890	48	2.913	74	0.079	2	0.0810	36.8
PAW 52 P10	2.047	52	3.071	78	0.079	2	0.0854	38.8
PAW 62 P10	2.441	62	3.543	90	0.079	2	0.1074	48.8

Permaglide Strips

PAS...P10 SERIES

- Maintenance free
- Steel backing



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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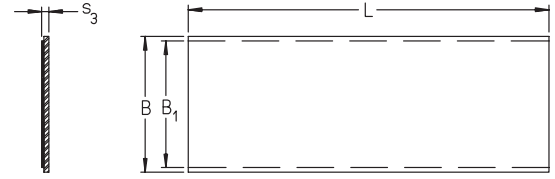
PART NUMBER	WALL S_3 inch	WALL S_3 mm	WIDTH B inch	WIDTH B mm	USABLE WIDTH B_1 inch	USABLE WIDTH B_1 mm	LENGTH L inch	LENGTH L mm	WEIGHT lbs	WEIGHT g
PAS 05180 P10	0.020	0.5	7.087	180	6.614	168	19.685	500	0.726	330
PAS 07180 P10	0.030	0.75	7.087	180	6.614	168	19.685	500	1.093	497
PAS 10250 P10	0.039	1	9.843	250	9.370	238	19.685	500	2.066	939
PAS 15250 P10	0.059	1.5	9.843	250	9.370	238	19.685	500	3.126	1421
PAS 20250 P10	0.079	2	9.843	250	9.370	238	19.685	500	4.211	1914
PAS 25250 P10	0.098	2.5	9.843	250	9.370	238	19.685	500	5.262	2392
PAS 30250 P10	0.120	3.06	9.843	250	9.370	238	19.685	500	6.468	2940



Permaglide Strips

PAS...P11 SERIES

- Maintenance free
- Bronze backing



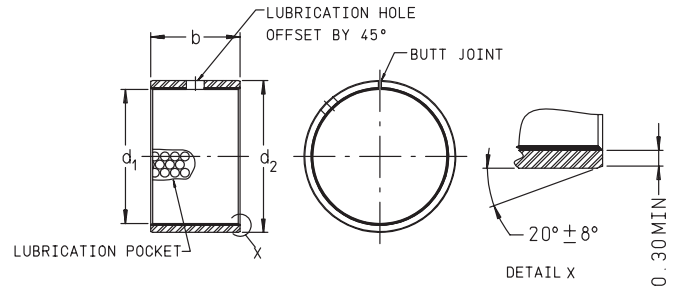
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
 For engineering or technical information contact your local sales representative or call Distributor Sales (800)523-6572.

PART NUMBER	WALL	WALL	WIDTH	WIDTH	USABLE	USABLE	LENGTH	LENGTH	WEIGHT	WEIGHT
	S_3	S_3	B	B	WIDTH	WIDTH	L	L		
	inch	mm	inch	mm	inch	mm	inch	mm	lbs	g
PAS 10160 P11	0.039	1	6.299	160	5.827	148	19.685	500	1.459	663
PAS 15180 P11	0.059	1.5	7.087	180	6.614	168	19.685	500	2.488	1131
PAS 20180 P11	0.079	2	7.087	180	6.614	168	19.685	500	3.351	1523
PAS 25180 P11	0.098	2.5	7.087	180	6.614	168	19.685	500	4.213	1915

Permaglide Plain Bearings

PAP...P20 SERIES

- Low maintenance
- Steel backing
- Recommended Mounting Tolerances:
Shaft – h8
Housing bore – H7



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 (800)523-6572.

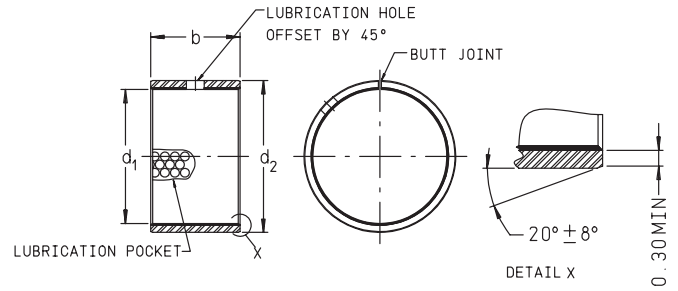
PART NUMBER	SHAFT d ₁ inch	SHAFT d ₁ mm	OD d ₂ inch	OD d ₂ mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 0808 P20	0.315	8	0.394	10	0.315	8	0.0035	1.60
PAP 0810 P20	0.315	8	0.394	10	0.394	10	0.0044	2.00
PAP 0812 P20	0.315	8	0.394	10	0.472	12	0.0053	2.40
PAP 1008 P20	0.394	10	0.472	12	0.315	8	0.0040	1.80
PAP 1010 P20	0.394	10	0.472	12	0.394	10	0.0051	2.30
PAP 1015 P20	0.394	10	0.472	12	0.591	15	0.0077	3.50
PAP 1210 P20	0.472	12	0.551	14	0.394	10	0.0066	3.00
PAP 1212 P20	0.472	12	0.551	14	0.472	12	0.0077	3.50
PAP 1215 P20	0.472	12	0.551	14	0.591	15	0.0097	4.40
PAP 1220 P20	0.472	12	0.551	14	0.787	20	0.0132	6.00
PAP 1420 P20	0.551	14	0.630	16	0.787	20	0.0147	6.70
PAP 1510 P20	0.591	15	0.669	17	0.394	10	0.0077	3.50
PAP 1515 P20	0.591	15	0.669	17	0.591	15	0.0117	5.30
PAP 1525 P20	0.591	15	0.669	17	0.984	25	0.0194	8.80
PAP 1612 P20	0.630	16	0.709	18	0.472	12	0.0099	4.50
PAP 1615 P20	0.630	16	0.709	18	0.591	15	0.0123	5.60
PAP 1620 P20	0.630	16	0.709	18	0.787	20	0.0165	7.50
PAP 1815 P20	0.709	18	0.787	20	0.591	15	0.0139	6.30
PAP 1820 P20	0.709	18	0.787	20	0.787	20	0.0187	8.50
PAP 2015 P20	0.787	20	0.906	23	0.591	15	0.0231	10.50
PAP 2020 P20	0.787	20	0.906	23	0.787	20	0.0308	14.00
PAP 2025 P20	0.787	20	0.906	23	0.984	25	0.0385	17.50
PAP 2030 P20	0.787	20	0.906	23	1.181	30	0.0506	23.00
PAP 2220 P20	0.866	22	0.984	25	0.787	20	0.0339	15.40
PAP 2420 P20	0.945	24	1.063	27	0.787	20	0.0396	18.00
PAP 2515 P20	0.984	25	1.102	28	0.591	15	0.0312	14.20
PAP 2520 P20	0.984	25	1.102	28	0.787	20	0.0418	19.00
PAP 2525 P20	0.984	25	1.102	28	0.984	25	0.0484	22.00
PAP 2530 P20	0.984	25	1.102	28	1.181	30	0.0581	26.40
PAP 2830 P20	1.102	28	1.260	32	1.181	30	0.0880	40.00
PAP 3020 P20	1.181	30	1.339	34	0.787	20	0.0629	28.60
PAP 3025 P20	1.181	30	1.339	34	0.984	25	0.0788	35.80
PAP 3030 P20	1.181	30	1.339	34	1.181	30	0.0944	42.90
PAP 3040 P20	1.181	30	1.339	34	1.575	40	0.1258	57.20
PAP 3230 P20	1.260	32	1.417	36	1.181	30	0.1056	48.00
PAP 3520 P20	1.378	35	1.535	39	0.787	20	0.0717	32.60
PAP 3530 P20	1.378	35	1.535	39	1.181	30	0.1078	49.00
PAP 3550 P20	1.378	35	1.535	39	1.969	50	0.1936	88.00
PAP 4020 P20	1.575	40	1.732	44	0.787	20	0.0821	37.30
PAP 4030 P20	1.575	40	1.732	44	1.181	30	0.1232	56.00
PAP 4040 P20	1.575	40	1.732	44	1.575	40	0.1643	74.70
PAP 4050 P20	1.575	40	1.732	44	1.969	50	0.2053	93.30
PAP 4550 P20	1.772	45	1.969	50	1.969	50	0.2922	132.80
PAP 5025 P20	1.969	50	2.165	55	0.984	25	0.1716	78.00
PAP 5040 P20	1.969	50	2.165	55	1.575	40	0.2587	117.60
PAP 5060 P20	1.969	50	2.165	55	2.362	60	0.3881	176.40



Permaglide Plain Bearings

PAP...P20 SERIES

- Low maintenance
- Steel backing
- Recommended Mounting Tolerances:
Shaft – h8
Housing bore – H7



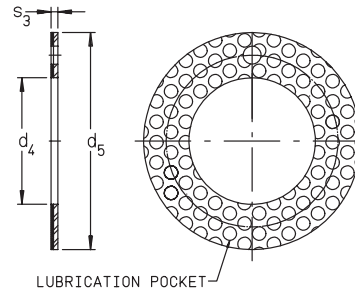
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	SHAFT d_1 inch	SHAFT d_1 mm	OD d_2 inch	OD d_2 mm	LENGTH b inch	LENGTH b mm	WEIGHT lbs	WEIGHT g
PAP 5540 P20	2.165	55	2.362	60	1.575	40	0.3014	137.00
PAP 6030 P20	2.362	60	2.559	65	1.181	30	0.2297	104.40
PAP 6040 P20	2.362	60	2.559	65	1.575	40	0.3062	139.20
PAP 6060 P20	2.362	60	2.559	65	2.362	60	0.4594	208.80
PAP 7050 P20	2.756	70	2.953	75	1.969	50	0.4440	201.80
PAP 7070 P20	2.756	70	2.953	75	2.756	70	0.6666	303.00
PAP 7540 P20	2.953	75	3.150	80	1.575	40	0.4048	184.00
PAP 7580 P20	2.953	75	3.150	80	3.150	80	0.8140	370.00
PAP 8040 P20	3.150	80	3.346	85	1.575	40	0.4041	183.70
PAP 8060 P20	3.150	80	3.346	85	2.362	60	0.6072	276.00
PAP 8080 P20	3.150	80	3.346	85	3.150	80	0.8083	367.40
PAP 9060 P20	3.543	90	3.740	95	2.362	60	0.6809	309.50
PAP 10050 P20	3.937	100	4.134	105	1.969	50	0.6279	285.40
PAP 10060 P20	3.937	100	4.134	105	2.362	60	0.7535	342.50

Permaglide Thrust Washers

PAW...P20 SERIES

- Low maintenance
- Steel backing



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 (800)523-6572.

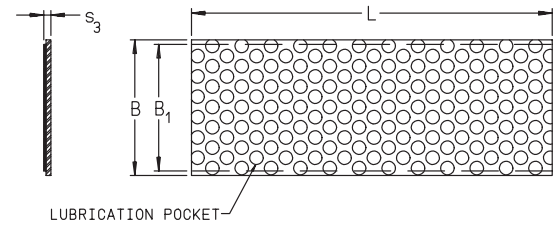
PART NUMBER	SHAFT d_4 inch	SHAFT d_4 mm	OD d_5 inch	OD d_5 mm	WALL s_3 inch	WALL s_3 mm	WEIGHT lbs	WEIGHT g
PAW 12 P20	0.472	12	0.945	24	0.020	1.5	0.0077	3.5
PAW 14 P20	0.551	14	1.024	26	0.059	1.5	0.0081	3.7
PAW 18 P20	0.709	18	1.260	32	0.059	1.5	0.0123	5.6
PAW 20 P20	0.787	20	1.417	36	0.059	1.5	0.0163	7.4
PAW 22 P20	0.866	22	1.496	38	0.059	1.5	0.0174	7.9
PAW 26 P20	1.023	26	1.732	44	0.059	1.5	0.0227	10.3
PAW 28 P20	1.1024	28	1.890	48	0.059	1.5	0.0273	12.4
PAW 32 P20	1.260	32	2.126	54	0.059	1.5	0.0334	15.2
PAW 38 P20	1.496	38	2.441	62	0.059	1.5	0.0429	19.5
PAW 42 P20	1.654	42	2.598	66	0.059	1.5	0.0458	20.8
PAW 48 P20	1.890	48	2.913	74	0.079	2.0	0.0768	34.9
PAW 52 P20	2.047	52	3.071	78	0.079	2.0	0.0794	36.1



Permaglide Strips

PAS...P20 SERIES

- Low maintenance
- Steel backing



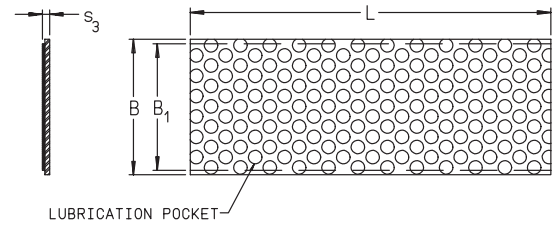
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	WALL	WALL	WIDTH	WIDTH	USABLE	USABLE	LENGTH	LENGTH	WEIGHT	WEIGHT
	s_3	s_3	B	B	WIDTH	WIDTH	L	L		
	inch	mm	inch	mm	B ₁	B ₁	inch	mm	lbs	g
PAS 10180 P20	0.039	0.99	7.087	180	6.614	168	19.685	500	1.408	640
PAS 15180 P20	0.058	1.48	7.087	180	6.614	168	19.685	500	2.092	951
PAS 20180 P20	0.078	1.97	7.087	180	6.614	168	19.685	500	2.818	1281
PAS 25180 P20	0.097	2.46	7.087	180	6.614	168	19.685	500	3.524	1602

Permaglide Strips

PAS...P21 SERIES

- Low maintenance
- Steel backing
- Machining allowance with lubrication pockets



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 (800)523-6572.

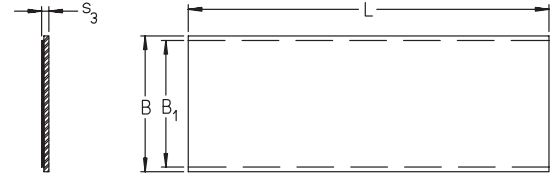
PART NUMBER	WALL	WALL	WIDTH	WIDTH	USABLE	USABLE	LENGTH	LENGTH	WEIGHT	WEIGHT
	s_3	s_3	B	B	WIDTH	WIDTH	L	L		
	inch	mm	inch	mm	B ₁	B ₁	inch	mm	lbs	g
PAS 10180 P21	0.044	1.11	7.087	180	6.614	168	19.685	500	1.564	711
PAS 15180 P21	0.063	1.61	7.087	180	6.614	168	19.685	500	2.178	990
PAS 20180 P21	0.083	2.11	7.087	180	6.614	168	19.685	500	2.904	1320
PAS 25180 P21	0.104	2.63	7.087	180	6.614	168	19.685	500	3.610	1641



Permaglide Strips

PAS...P22 SERIES

- Low maintenance
- Steel backing
- Machining allowance without lubrication pockets



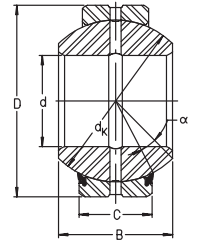
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	WALL S_3		WIDTH B		USABLE WIDTH B_1		LENGTH L		WEIGHT	
	inch	mm	inch	mm	inch	mm	inch	mm	lbs	g
PAS 10180 P22	0.044	1.11	7.087	180	6.614	168	19.685	500	1.564	711
PAS 15180 P22	0.063	1.61	7.087	180	6.614	168	19.685	500	2.178	990
PAS 20180 P22	0.083	2.11	7.087	180	6.614	168	19.685	500	2.904	1320
PAS 25180 P22	0.104	2.63	7.087	180	6.614	168	19.685	500	3.610	1641

Elges

Radial Spherical Plain Bearings

GE..DO, GE..DO-2RS SERIES



- Sliding contact surfaces: steel/steel
- Hardened inner and outer ring
- GE..DO 6-300 outer ring with single axial split
- GE..DO 320-1000 outer ring double split axially shipped with retaining rings

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 (800)523-6572.

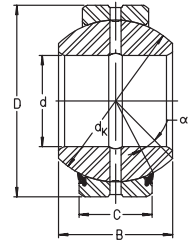
PART NUMBER	SHAFT	SHAFT	OD	OD	WIDTH	WIDTH	WIDTH	WIDTH	BALL	BALL	ANGLE	WEIGHT	WEIGHT	DYN.	DYN.	STAT.	STAT.
	d	d	D	D	B	B	C	C	DIA.	DIA.	alpha	lbs	kg	CAP.	CAP.	CAP.	CAP.
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	deg			x1000	x1000	x1000	x1000
														lbf	kN	lbf	kN
GE6DO	0.236	6	0.551	14	0.236	6	0.157	4	0.394	10	13	0.009	0.004	0.760	3.4	3.80	17
GE8DO	0.315	8	0.63	16	0.315	8	0.197	5	0.512	13	15	0.015	0.007	1.240	5.5	6.20	27.5
GE10DO	0.394	10	0.748	19	0.354	9	0.236	6	0.63	16	12	0.024	0.011	1.830	8.15	9.10	40.5
GE12DO	0.472	12	0.866	22	0.394	10	0.276	7	0.709	18	11	0.035	0.016	2.430	10.8	12.10	54
GE15DO	0.591	15	1.024	26	0.472	12	0.354	9	0.866	22	8	0.055	0.025	3.800	17	19.10	85
GE16DO	0.63	16	1.181	30	0.551	14	0.394	10	0.984	25	10	0.084	0.038	4.750	21.2	23.80	106
GE17DO	0.669	17	1.181	30	0.551	14	0.394	10	0.984	25	10	0.090	0.041	4.750	21.2	23.80	106
GE17DO2RS	0.669	17	1.181	30	0.551	14	0.394	10	0.984	25	10	0.090	0.041	4.75	21.2	23.80	106
GE20DO	0.787	20	1.378	35	0.63	16	0.472	12	1.142	29	9	0.135	0.061	6.700	30	33	146
GE20DO2RS	0.787	20	1.378	35	0.63	16	0.472	12	1.142	29	9	0.135	0.061	6.70	30	33.00	146
GE25DO	0.984	25	1.654	42	0.787	20	0.63	16	1.398	35.5	7	0.243	0.110	10.80	48	54	240
GE25DO2RS	0.984	25	1.654	42	0.787	20	0.63	16	1.398	35.5	7	0.243	0.110	10.80	48	54	240
GE30DO	1.181	30	1.85	47	0.866	22	0.709	18	1.602	40.7	6	0.309	0.140	13.90	62	70	310
GE30DO2RS	1.181	30	1.85	47	0.866	22	0.709	18	1.602	40.7	6	0.309	0.140	13.90	62	70	310
GE35DO	1.378	35	2.165	55	0.984	25	0.787	20	1.85	47	6	0.485	0.220	18.00	80	90	400
GE35DO2RS	1.378	35	2.165	55	0.984	25	0.787	20	1.85	47	6	0.485	0.220	18.00	80	90	400
GE40DO	1.575	40	2.441	62	1.102	28	0.866	22	2.087	53	7	0.662	0.300	22.50	100	112	500
GE40DO2RS	1.575	40	2.441	62	1.102	28	0.866	22	2.087	53	7	0.662	0.300	22.50	100	112	500
GE45DO	1.772	45	2.677	68	1.26	32	0.984	25	2.362	60	7	0.882	0.400	28.50	127	144	640
GE45DO2RS	1.772	45	2.677	68	1.26	32	0.984	25	2.362	60	7	0.882	0.400	28.50	127	144	640
GE50DO	1.969	50	2.953	75	1.378	35	1.102	28	2.598	66	6	1.191	0.540	35	156	175	780
GE50DO2RS	1.969	50	2.953	75	1.378	35	1.102	28	2.598	66	6	1.191	0.540	35	156	175	780
GE60DO	2.362	60	3.543	90	1.732	44	1.417	36	3.15	80	6	2.205	1.000	55	245	275	1220
GE60DO2RS	2.362	60	3.543	90	1.732	44	1.417	36	3.15	80	6	2.205	1.000	55	245	275	1220
GE70DO	2.756	70	4.134	105	1.929	49	1.575	40	3.622	92	6	3.308	1.500	71	315	350	1560
GE70DO2RS	2.756	70	4.134	105	1.929	49	1.575	40	3.622	92	6	3.308	1.500	71	315	350	1560
GE80D2RS	3.15	80	4.724	120	2.165	55	1.772	45	4.134	105	6	4.851	2.200	90	400	450	2000
GE80DO	3.15	80	4.724	120	2.165	55	1.772	45	4.134	105	6	4.851	2.200	90	400	450	2000
GE90DO	3.543	90	5.118	130	2.362	60	1.969	50	4.528	115	5	5.95	2.700	110	490	550	2450
GE90DO2RS	3.543	90	5.118	130	2.362	60	1.969	50	4.528	115	5	5.954	2.700	110	490	550	2450
GE100DO	3.937	100	5.906	150	2.756	70	2.165	55	5.118	130	7	9.48	4.300	137	610	690	3050
GE100DO2RS	3.937	100	5.906	150	2.756	70	2.165	55	5.118	130	7	9.482	4.300	137	610	690	3050
GE110DO	4.331	110	6.299	160	2.756	70	2.165	55	5.512	140	6	10.36	4.700	147	655	730	3250
GE110DO2RS	4.331	110	6.299	160	2.756	70	2.165	55	5.512	140	6	10.36	4.70	147	655	730	3250
GE120DO	4.724	120	7.087	180	3.346	85	2.756	70	6.299	160	6	17.64	8.00	214	950	1070	4750
GE120DO2RS	4.724	120	7.087	180	3.346	85	2.756	70	6.299	160	6	17.64	8.00	214	950	1070	4750
GE140DO	5.512	140	8.268	210	3.543	90	2.756	70	7.087	180	7	24.26	11.00	243	1080	1210	5400
GE140DO2RS	5.512	140	8.268	210	3.543	90	2.756	70	7.087	180	7	24.26	11.00	243	1080	1210	5400
GE160DO	6.299	160	9.055	230	4.134	105	3.15	80	7.874	200	8	29.77	13.50	310	1370	1530	6800
GE160DO2RS	6.299	160	9.055	230	4.134	105	3.15	80	7.874	200	8	29.77	13.50	310	1370	1530	6800
GE180DO	7.087	180	10.236	260	4.134	105	3.15	80	8.858	225	6	40.79	18.50	345	1530	1720	7650
GE180DO2RS	7.087	180	10.236	260	4.134	105	3.15	80	8.858	225	6	40.79	18.50	345	1530	1720	7650
GE200DO	7.874	200	11.417	290	5.118	130	3.937	100	9.843	250	7	61.74	28	475	2120	2380	10600
GE200DO2RS	7.874	200	11.417	290	5.118	130	3.937	100	9.843	250	7	61.74	28.00	475	2120	2380	10600
GE220DO2RS	8.661	220	12.598	320	5.315	135	3.937	100	10.827	275	8	78.28	35.50	520	2320	2600	11600
GE240DO2RS	9.449	240	13.386	340	5.512	140	3.937	100	11.811	300	8	88.20	40	570	2550	2850	12700



Elges

Radial Spherical Plain Bearings

GE..DO, GE..DO-2RS SERIES



- Sliding contact surfaces: steel/steel
- Hardened inner and outer ring
- GE..DO 6-300 outer ring with single axial split
- GE..DO 320-1000 outer ring double split axially shipped with retaining rings

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 (800)523-6572.

PART NUMBER	SHAFT d		OD D		WIDTH B		WIDTH C		BALL DIA. d _k	BALL DIA. d _k	ANGLE alpha	WEIGHT	WEIGHT	DYN. CAP. x1000 lbf	DYN. CAP. kN	STAT. CAP. x1000 lbf	STAT. CAP. kN
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	deg	lbs	kg				
GE260DO2RS	10.236	260	14.567	370	5.906	150	4.331	110	12.795	325	7	110	50	690	3050	3450	15300
GE280DO2RS	11.024	280	15.748	400	6.102	155	4.724	120	13.78	350	6	141	64	800	3550	4050	18000
GE300DO2RS	11.811	300	16.929	430	6.496	165	4.724	120	14.764	375	7	165	75	850	3800	4250	19000
GE320DO	12.598	320	17.323	440	6.299	160	5.315	135	14.961	380	4	170	77	990	4400	4950	22000
GE340DO	13.386	340	18.11	460	6.299	160	5.315	135	15.748	400	3.8	181	82	1,050	4650	5200	23200
GE360DO	14.173	360	18.898	480	6.299	160	5.315	135	16.535	420	3.6	194	88	1,080	4800	5400	24000
GE380DO	14.961	380	20.472	520	7.48	190	6.299	160	17.717	450	4.1	280	127	1,420	6300	7100	31500
GE400DO	15.748	400	21.26	540	7.48	190	6.299	160	18.504	470	3.9	291	132	1,470	6550	7300	32500
GE420DO	16.535	420	22.047	560	7.48	190	6.299	160	19.291	490	3.7	320	145	1,530	6800	7800	34500
GE440DO	17.323	440	23.622	600	8.583	218	7.283	185	20.472	520	3.9	419	190	1,940	8650	9500	42300
GE460DO	18.11	460	24.409	620	8.583	218	7.283	185	21.26	540	3.7	441	200	2,020	9000	10100	45000
GE480DO	18.898	480	25.591	650	9.055	230	7.677	195	22.244	565	3.8	523	237	2,200	9800	11000	49000
GE500DO	19.685	500	26.378	670	9.055	230	7.677	195	23.031	585	3.6	538	244	2,290	10200	11500	51000
GE530DO	20.866	530	27.953	710	9.567	243	8.071	205	24.409	620	3.7	639	290	2,550	11400	12800	57000
GE560DO	22.047	560	29.528	750	10.157	258	8.465	215	25.787	655	4	750	340	2,850	12700	14400	64000
GE600DO	23.622	600	31.496	800	10.709	272	9.055	230	27.559	700	3.6	902	409	3,300	14600	16500	73500
GE630DO	24.803	630	33.465	850	11.811	300	10.236	260	29.134	740	3.3	1160	526	3,950	17600	19800	88000
GE670DO	26.378	670	35.433	900	12.126	308	10.236	260	30.906	785	3.37	1314	596	4,250	19000	21400	95000
GE710DO	27.953	710	37.402	950	12.795	325	10.827	275	32.677	830	3.7	1528	693	4,750	21200	15870	70600
GE750DO	29.528	750	39.37	1000	13.189	335	11.024	280	34.449	875	3.8	1729	784	5,100	22800	25600	114000
GE800DO	31.496	800	41.732	1060	13.976	355	11.811	300	36.614	930	3.6	2040	925	5,800	26000	29000	129000
GE850DO	33.465	850	44.094	1120	14.37	365	12.205	310	38.78	985	3.4	2326	1055	6,400	28500	32100	143000
GE900DO	35.433	900	46.457	1180	14.764	375	12.598	320	40.945	1040	3.2	2624	1190	7,000	31000	35100	156000
GE950DO	37.402	950	49.213	1250	15.748	400	13.386	340	43.307	1100	3.3	3140	1424	8,000	35500	39600	176000
GE1000DO	39.37	1000	51.969	1320	17.244	438	14.567	370	45.669	1160	3.5	3870	1755	9,100	40500	45900	204000

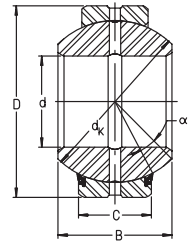


Elges

Radial Spherical Plain Bearings

GE..FO, GE..FO-2RS SERIES

- Sliding contact surfaces: steel/steel
- Hardened inner and outer ring
- Wide inner ring with increased tilting angle
- Outer ring with single (axial) split



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	SHAFT	SHAFT	OD	OD	WIDTH	WIDTH	WIDTH	WIDTH	BALL	BALL	ANGLE	WEIGHT	WEIGHT	DYN.	DYN.	STAT.	STAT.
	d	d	D	D	B	B	C	C	DIA.	DIA.	alpha			CAP.	CAP.	CAP.	CAP.
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	deg	lbs	kg	x1000	kN	x1000	kN
GE6FO	0.236	6	0.630	16	0.354	9	0.197	5	0.512	13	21	0.018	0.008	1.24	5.5	6.20	27.5
GE8FO	0.315	8	0.748	19	0.433	11	0.236	6	0.630	16	21	0.031	0.014	1.83	8.15	9.10	40.5
GE10FO	0.394	10	0.866	22	0.472	12	0.276	7	0.709	18	18	0.044	0.020	2.43	10.8	12.10	54
GE12FO	0.472	12	1.024	26	0.591	15	0.354	9	0.866	22	18	0.075	0.034	3.80	17	19.10	85
GE15FO2RS	0.591	15	1.181	30	0.630	16	0.394	10	0.984	25	16	0.101	0.046	4.75	21.2	23.80	106
GE17FO2RS	0.669	17	1.378	35	0.787	20	0.472	12	1.142	29	19	0.172	0.078	6.70	30	33	146
GE20FO2RS	0.787	20	1.654	42	0.984	25	0.630	16	1.398	35.5	17	0.331	0.150	10.80	48	54	240
GE25FO2RS	1.378	25	1.850	47	1.102	28	0.709	18	1.602	40.7	17	0.419	0.190	13.90	62	70	310
GE30FO2RS	1.181	30	2.165	55	1.260	32	0.787	20	1.850	47	17	0.639	0.290	18.00	80	90	400
GE35FO2RS	1.378	35	2.441	62	1.378	35	0.866	22	2.087	53	16	0.860	0.390	22.50	100	112	500
GE40FO2RS	1.575	40	2.677	68	1.575	40	0.984	25	2.362	60	17	1.147	0.520	28.50	127	144	640
GE45FO2RS	1.772	45	2.953	75	1.693	43	1.102	28	2.598	66	15	1.499	0.680	35	156	175	780
GE50FO2RS	1.969	50	3.543	90	2.205	56	1.417	36	3.150	80	17	3.087	1.400	55	245	275	1220
GE60FO2RS	2.362	60	4.134	105	2.480	63	1.575	40	3.622	92	17	4.410	2.000	71	315	350	1560
GE70FO2RS	2.756	70	4.724	120	2.756	70	1.772	45	4.134	105	16	6.395	2.900	90	400	450	2000
GE80FO2RS	3.150	80	5.118	130	2.953	75	1.969	50	4.528	115	14	7.718	3.500	110	490	550	2450
GE90FO2RS	3.543	90	5.906	150	3.347	85	2.165	55	5.118	130	15	11.907	5.400	137	610	690	3050
GE100FO2RS	3.937	100	6.299	160	3.347	85	2.165	55	5.512	140	14	13.010	5.900	147	655	730	3250
GE110FO2RS	4.331	110	7.087	180	3.937	100	2.756	70	6.299	160	12	21.389	9.700	214	950	1070	4750
GE120FO2RS	4.724	120	8.268	210	4.528	115	2.756	70	7.087	180	16	33.075	15	243	1080	1210	5400
GE140FO2RS	5.512	140	9.055	230	5.118	130	3.150	80	7.874	200	16	40.793	19	310	1370	1530	6800
GE160FO2RS	6.299	160	10.236	260	5.315	135	3.150	80	8.858	225	16	55.125	25	345	1530	1720	7650
GE180FO2RS	7.087	180	11.417	290	6.102	155	3.937	100	9.843	250	14	78.278	36	475	2120	2380	10600
GE200FO2RS	7.874	200	12.598	320	6.496	165	3.937	100	10.827	275	15	99.225	45	520	2320	2600	11600
GE220FO2RS	8.661	220	13.386	340	6.890	175	3.937	100	11.811	300	16	112.455	51	570	2550	2850	12700
GE240FO2RS	9.449	240	14.567	370	7.480	190	4.331	110	12.795	325	15	141.120	64	690	3050	3450	15300
GE260FO2RS	10.236	260	15.748	400	8.071	205	4.724	120	13.780	350	15	178.605	81	800	3550	4050	18000
GE280FO2RS	11.024	280	16.929	430	8.268	210	4.724	120	14.764	375	15	207.270	94	850	3800	4250	19000

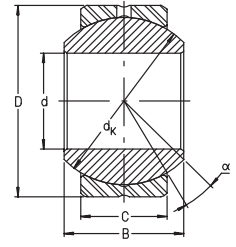


Elges

Radial Spherical Plain Bearings

GE..PB SERIES

- DIN 648, dimension series K
- Sliding contact surfaces: steel/bronze



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 (800)523-6572.

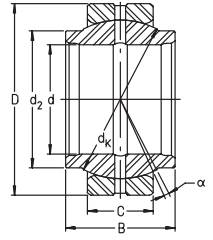
PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C inch	C mm	d _k inch	d _k mm	ALPHA deg	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg
GE5PB	0.197	5	0.512	13	0.315	8	0.236	6	0.438	11.112	13	730	3.25	1,910	8.5	0.013	0.006
GE6PB	0.236	6	0.630	16	0.354	9	0.266	6.75	0.500	12.7	13	970	4.3	2,430	10.8	0.022	0.01
GE8PB	0.315	8	0.748	19	0.472	12	0.354	9	0.625	15.875	14	1,620	7.2	4,050	18	0.04	0.018
GE10PB	0.394	10	0.866	22	0.551	14	0.413	10.5	0.750	19.05	13	2,250	10	5,600	25	0.06	0.027
GE12PB	0.472	12	1.024	26	0.630	16	0.472	12	0.875	22.225	13	3,000	13.4	7,500	33.5	0.095	0.043
GE14PB	0.551	14	1.102	28	0.748	19	0.532	13.5	1.000	25.4	16	3,800	17	9,700	43	0.121	0.055
GE16PB	0.630	16	1.260	32	0.827	21	0.591	15	1.125	28.575	15	4,850	21.6	12,100	54	0.176	0.08
GE18PB	0.709	18	1.378	35	0.906	23	0.650	16.5	1.250	31.75	15	5,800	26	14,700	65.5	0.221	0.1
GE20PB	0.787	20	1.575	40	0.984	25	0.709	18	1.375	34.925	14	7,100	31.5	18,000	80	0.331	0.15
GE22PB	0.866	22	1.654	42	1.102	28	0.787	20	1.500	38.1	15	8,500	38	21,700	96.5	0.397	0.18
GE25PB	0.984	25	1.850	47	1.221	31	0.866	22	1.687	42.85	15	10,700	47.5	26,500	118	0.529	0.24
GE30PB	1.181	30	2.165	55	1.457	37	0.984	25	2.000	50.8	17	14,400	64	36,000	160	0.838	0.38

Elges

Radial Spherical Plain Bearings

GE..LO SERIES

- DIN 648, dimension series EW – ISO 6124/2
- Sliding contact surfaces: steel/steel



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C inch	C mm
GE12LO	0.472	12	0.866	22	0.472	12	0.276	7
GE16LO	0.630	16	1.102	28	0.630	16	0.354	9
GE20LO	0.787	20	1.378	35	0.787	20	0.472	12
GE25LO	0.984	25	1.654	42	0.984	25	0.630	16
GE32LO	1.260	32	2.047	52	1.260	32	0.709	18
GE40LO	1.575	40	2.441	62	1.575	40	0.866	22
GE50LO	1.969	50	2.953	75	1.969	50	1.102	28
GE63LO	2.480	63	3.740	95	2.480	63	1.417	36
GE70LO	2.756	70	4.134	105	2.756	70	1.575	40
GE80LO	3.150	80	4.724	120	3.150	80	1.772	45
GE90LO	3.543	90	5.118	130	3.543	90	1.969	50
GE100LO	3.937	100	5.906	150	3.937	100	2.165	55
GE110LO	4.331	110	6.299	160	4.331	110	2.165	55
GE125LO	4.921	125	7.087	180	4.921	125	2.756	70
GE160LO	6.299	160	9.055	230	6.299	160	3.150	80
GE200LO	7.874	200	11.417	290	7.874	200	3.937	100
GE250LO	9.843	250	15.748	400	9.843	250	4.724	120
GE320LO	12.598	320	20.472	520	12.598	320	6.299	160

CONTINUED FROM ABOVE

PART NUMBER	dk inch	dk mm	d2 inch	d2 mm	WGT. lbs	WGT kg	ALPHA deg	C lbf	C kN	C0 lbf	C0 kN
GE12LO	0.709	18	0.610	15.5	0.044	0.02	4	2,430	10.8	12,100	54
GE16LO	0.906	23	0.787	20	0.066	0.03	4	3,950	17.6	19,800	88
GE20LO	1.142	29	0.984	25	0.154	0.07	4	6,700	30	33,000	146
GE25LO	1.398	35.5	1.181	30	0.265	0.12	4	10,800	48	54,000	240
GE32LO	1.732	44	1.496	38	0.441	0.2	4	15,100	67	75,000	335
GE40LO	2.087	53	1.811	46	0.75	0.34	4	22,500	100	112,000	500
GE50LO	2.598	66	2.244	57	1.235	0.56	4	35,000	156	175,000	780
GE63LO	3.268	83	2.815	71.5	2.646	1.2	4	57,000	255	285,000	1270
GE70LO	3.622	92	3.110	79	3.749	1.7	4	71,000	315	350,000	1560
GE80LO	4.134	105	3.583	91	5.292	2.4	4	90,000	400	450,000	2000
GE90LO	4.528	115	3.898	99	7.056	3.2	4	110,000	490	550,000	2450
GE100LO	5.118	130	4.449	113	10.58	4.8	4	137,000	610	690,000	3050
GE110LO	5.512	140	4.882	124	12.79	5.8	4	147,000	655	730,000	3250
GE125LO	6.299	160	5.433	138	18.74	8.5	4	214,000	950	1,070,000	4750
GE160LO	7.874	200	6.969	177	36.38	16.5	4	310,000	1370	1,530,000	6800
GE200LO	9.843	250	8.701	221	70.56	32	4	475,000	2120	2,380,000	10600
GE250LO	13.780	350	12.480	317	218.30	99	4	800,000	3550	4,050,000	18000
GE320LO	17.717	450	15.945	405	529.20	240	4	1,370,000	6100	6,900,000	30500

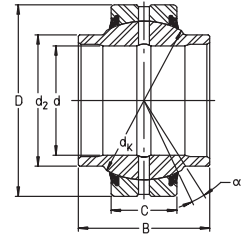


Elges

Radial Spherical Plain Bearings

GE..HO-2RS SERIES

- Sliding contact surfaces: steel/steel
- Hardened inner and outer ring
- Extended inner ring for clevis mount
- Outer ring with single (axial) split



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C inch	C mm
GE17HO2RS	0.669	17	1.181	30	0.827	21	0.394	10
GE20HO2RS	0.787	20	1.378	35	0.945	24	0.472	12
GE25HO2RS	0.984	25	1.654	42	1.142	29	0.630	16
GE30HO2RS	1.181	30	1.850	47	1.181	30	0.709	18
GE35HO2RS	1.378	35	2.165	55	1.378	35	0.787	20
GE40HO2RS	1.575	40	2.441	62	1.496	38	0.866	22
GE45HO2RS	1.772	45	2.677	68	1.575	40	0.984	25
GE50HO2RS	1.969	50	2.953	75	1.693	43	1.102	28
GE60HO2RS	2.362	60	3.543	90	2.126	54	1.417	36
GE70HO2RS	2.756	70	4.134	105	2.559	65	1.575	40
GE80HO2RS	3.150	80	4.724	120	2.913	74	1.772	45

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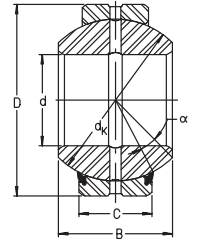
PART NUMBER	dk inch	dk mm	d2 inch	d2 mm	ALPHA deg	WGT. lbs	WGT kg	C lbf	C kN	C0 lbf	C0 kN
GE17HO2RS	0.984	25	0.827	21	3	0.088	0.04	4,750	21.2	23,800	106
GE20HO2RS	1.142	29	0.945	24	3	0.126	0.057	6,700	30	33,000	146
GE25HO2RS	1.398	35.5	1.142	29	3	0.221	0.1	10,800	48	54,000	240
GE30HO2RS	1.602	40.7	1.347	34.2	3	0.309	0.14	13,900	62	70,000	310
GE35HO2RS	1.850	47	1.575	40	3	0.529	0.24	18,000	80	90,000	400
GE40HO2RS	2.087	53	1.772	45	3	0.639	0.29	22,500	100	112,000	500
GE45HO2RS	2.362	60	2.028	51.5	3	0.948	0.43	28,500	127	144,000	640
GE50HO2RS	2.598	66	2.224	56.5	3	1.191	0.54	35,000	156	175,000	780
GE60HO2RS	3.150	80	2.665	67.7	3	2.426	1.1	55,000	245	275,000	1220
GE70HO2RS	3.622	92	3.071	78	3	3.528	1.6	71,000	315	350,000	1560
GE80HO2RS	4.134	105	3.543	90	3	5.292	2.4	90,000	400	450,000	2000

Elges

Radial Spherical Plain Bearings

GE..ZO SERIES

- Inch series
- Sliding contact surfaces: steel/steel
- Hardened inner and outer ring
- Outer ring with single (axial) split



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	SHAFT d		OD D		WIDTH B		WIDTH C		BALL DIA. d _k	BALL DIA. d _k	ANGLE alpha	WGT		DYN. CAP. x1000 lbf	DYN. CAP. kN	STAT. CAP. x1000 lbf	STAT. CAP. kN
	inch	mm	inch	mm	inch	mm	inch	mm				lbs	kg				
GE12ZO	0.500	12.700	0.875	22.225	0.437	11.100	0.375	9.525	0.719	18.263	14	0.044	0.020	3.1	13.7	15.5	59
GE15ZO	0.625	15.875	1.063	26.988	0.547	13.894	0.469	11.913	0.899	22.835	14	0.079	0.036	5.0	22.0	25.0	110
GE19ZO	0.750	19.050	1.250	31.750	0.656	16.662	0.562	14.275	1.080	27.432	14	0.126	0.057	7.10	31.50	35	157
GE22ZO	0.875	22.225	1.438	36.513	0.765	19.431	0.656	16.662	1.258	31.953	14	0.193	0.088	9.60	42.50	48	213
GE25ZO	1.000	25.400	1.625	41.275	0.875	22.225	0.750	19.050	1.437	36.500	13	0.276	0.125	12.50	56	63	280
GE31ZO	1.250	31.750	2.000	50.800	1.093	27.762	0.937	23.800	1.795	45.593	13	0.516	0.234	19.50	87	98	435
GE34ZO	1.375	34.925	2.188	55.563	1.187	30.150	1.031	26.187	1.937	49.200	13	0.770	0.349	23.20	103	116	520
GE38ZO	1.500	38.100	2.438	61.913	1.312	33.325	1.125	28.575	2.155	54.737	13	0.934	0.424	28.00	125	141	630
GE44ZO	1.750	44.450	2.813	71.438	1.531	38.887	1.313	33.338	2.515	63.881	13	1.430	0.649	38.50	170	192	850
GE50ZO	2.000	50.800	3.188	80.963	1.750	44.450	1.500	38.100	2.875	73.025	12	2.070	0.939	50	223	250	1110
GE57ZO	2.250	57.150	3.563	90.488	1.969	50.013	1.688	42.863	3.235	82.169	12	2.920	1.324	63	280	315	1410
GE63ZO	2.500	63.500	3.938	100.013	2.187	55.550	1.875	47.625	3.590	91.186	12	4.090	1.855	78	345	390	1740
GE69ZO	2.750	69.850	4.375	111.125	2.406	61.112	2.063	52.388	3.950	100.330	12	5.380	2.440	95	420	475	2100
GE76ZO	3.000	76.200	4.750	120.650	2.625	66.675	2.250	57.150	4.312	109.525	12	6.870	3.116	113	500	560	2500
GE82ZO	3.250	82.550	5.125	130.175	2.844	72.238	2.438	61.913	4.675	118.745	12	8.630	3.914	132	590	660	2950
GE88ZO	3.500	88.900	5.500	139.700	3.062	77.775	2.625	66.675	5.040	128.016	11	10.650	4.830	154	680	770	3400
GE95ZO	3.750	95.250	5.875	149.225	3.281	83.337	2.813	71.438	5.390	136.906	11	12.950	5.873	176	780	880	3900
GE101ZO	4.000	101.600	6.250	158.750	3.500	88.900	3.000	76.200	5.750	146.050	11	15.590	7.070	200	890	1000	4450
GE114ZO	4.500	114.300	7.000	177.800	3.937	100.000	3.375	85.725	6.475	164.465	7	21.920	9.941	255	1130	1270	5600
GE127ZO	5.000	127.000	7.750	196.850	4.375	111.125	3.750	95.250	7.190	182.626	7	29.710	13.474	315	1390	1560	7000
GE152ZO	6.000	152.400	8.750	222.250	4.750	120.650	4.125	104.775	8.156	207.162	7	38.770	17.583	390	1740	1950	8700

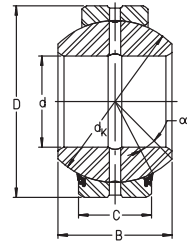


Elges

Radial Spherical Plain Bearings

GE..ZO-2RS SERIES

- Inch series, sealed
- Sliding contact surfaces: steel/steel
- Hardened inner and outer ring
- Outer ring with single (axial) split



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 (800)523-6572.

PART NUMBER	SHAFT	SHAFT	OD	OD	WIDTH	WIDTH	WIDTH	WIDTH
	d	d	D	D	B	B	C	C
	inch	mm	inch	mm	inch	mm	inch	mm
GE19ZO 2RS	0.750	19.050	1.250	31.750	0.656	16.662	0.562	14.275
GE22ZO 2RS	0.875	22.225	1.438	36.513	0.765	19.431	0.656	16.662
GE25ZO 2RS	1.000	25.400	1.625	41.275	0.875	22.225	0.750	19.050
GE31ZO 2RS	1.250	31.750	2.000	50.800	1.093	27.762	0.937	23.800
GE34ZO 2RS	1.375	34.925	2.188	55.563	1.187	30.150	1.031	26.187
GE38ZO 2RS	1.500	38.100	2.438	61.913	1.312	33.325	1.125	28.575
GE44ZO 2RS	1.750	44.450	2.813	71.438	1.531	38.887	1.313	33.338
GE50ZO 2RS	2.000	50.800	3.188	80.963	1.750	44.450	1.500	38.100
GE57ZO 2RS	2.250	57.150	3.563	90.488	1.969	50.013	1.688	42.863
GE63ZO 2RS	2.500	63.500	3.938	100.013	2.187	55.550	1.875	47.625
GE69ZO 2RS	2.750	69.850	4.375	111.125	2.406	61.112	2.063	52.388
GE76ZO 2RS	3.000	76.200	4.750	120.650	2.625	66.675	2.250	57.150
GE82ZO 2RS	3.250	82.550	5.125	130.175	2.844	72.238	2.438	61.913
GE88ZO 2RS	3.500	88.900	5.500	139.700	3.062	77.775	2.625	66.675
GE95ZO 2RS	3.750	95.250	5.875	149.225	3.281	83.337	2.813	71.438
GE101ZO 2RS	4.000	101.600	6.250	158.750	3.500	88.900	3.000	76.200
GE114ZO 2RS	4.500	114.300	7.000	177.800	3.937	100.000	3.375	85.725
GE127ZO 2RS	5.000	127.000	7.750	196.850	4.375	111.125	3.750	95.250
GE152ZO 2RS	6.000	152.400	8.750	222.250	4.750	120.650	4.125	104.775

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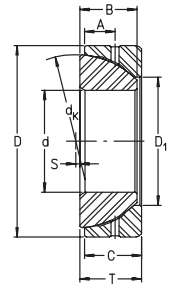
PART NUMBER	BALL	BALL	ANGLE	WGT	WGT	DYN. CAP.	DYN. CAP.	STAT. CAP.	STAT. CAP.
	DIA.	DIA.	alpha						
	d _k	d _k							
	inch	mm	deg	lbs	kg	x1000 lbf	kN	x1000 lbf	kN
GE19ZO 2RS	1.080	27.4	7	0.126	0.057	7.10	31.50	35	157
GE22ZO 2RS	1.258	32.0	7	0.193	0.088	9.60	42.50	48	213
GE25ZO 2RS	1.437	36.5	7	0.276	0.125	12.50	56	63	280
GE31ZO 2RS	1.795	45.6	7	0.516	0.234	19.50	87	98	435
GE34ZO 2RS	1.937	49.2	7	0.770	0.349	23.20	103	116	520
GE38ZO 2RS	2.155	54.7	7	0.934	0.424	28.00	125	141	630
GE44ZO 2RS	2.515	63.9	7	1.430	0.649	38.50	170	192	850
GE50ZO 2RS	2.875	73.0	7	2.070	0.939	50	223	250	1110
GE57ZO 2RS	3.235	82.2	7	2.920	1.324	63	280	315	1410
GE63ZO 2RS	3.590	91.2	7	4.090	1.855	78	345	390	1740
GE69ZO 2RS	3.950	100.3	7	5.380	2.440	95	420	475	2100
GE76ZO 2RS	4.312	109.5	7	6.870	3.116	113	500	560	2500
GE82ZO 2RS	4.675	118.7	7	8.630	3.914	132	590	660	2950
GE88ZO 2RS	5.040	128.0	7	10.650	4.830	154	680	770	3400
GE95ZO 2RS	5.390	136.9	7	12.950	5.873	176	780	880	3900
GE101ZO 2RS	5.750	146.1	7	15.590	7.070	200	890	1000	4450
GE114ZO 2RS	6.475	164.5	7	21.920	9.941	255	1130	1270	5600
GE127ZO 2RS	7.190	182.6	7	29.710	13.474	315	1390	1560	7000
GE152ZO 2RS	8.156	207.2	7	38.770	17.583	390	1740	1950	8700



Elges Angular Contact Spherical Plain Bearings

GE..SX SERIES

- Sliding contact surfaces: steel/steel



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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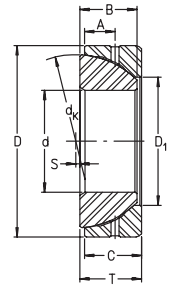
PART NUMBER	d inch	d mm	D inch	D mm	T inch	T mm	WGT. lbs	WGT kg	C lbf	C kN	C ₀ lbf	C ₀ kN	d _k inch	d _k mm
GE25SX	0.984	25	1.850	47	0.591	15	0.287	0.13	10,700	47.5	53,000	236	1.673	42.5
GE28SX	1.102	28	2.047	52	0.630	16	0.375	0.17	13,500	60	67,000	300	1.850	47
GE30SX	1.181	30	2.165	55	0.669	17	0.463	0.21	14,200	63	71,000	315	1.969	50
GE35SX	1.378	35	2.441	62	0.709	18	0.595	0.27	17,200	76.5	88,000	390	2.205	56
GE40SX	1.575	40	2.677	68	0.748	19	0.706	0.32	20,200	90	101,000	450	2.362	60
GE45SX	1.772	45	2.953	75	0.787	20	0.904	0.41	23,800	106	119,000	530	2.598	66
GE50SX	1.969	50	3.150	80	0.787	20	0.992	0.45	26,500	118	132,000	585	2.913	74
GE55SX	2.165	55	3.543	90	0.906	23	1.477	0.67	33,000	146	165,000	735	3.150	80
GE60SX	2.362	60	3.740	95	0.906	23	1.588	0.72	36,000	160	180,000	800	3.386	86
GE65SX	2.559	65	3.937	100	0.906	23	1.676	0.76	39,000	173	194,000	865	3.622	92
GE70SX	2.756	70	4.331	110	0.984	25	2.205	1	47,000	208	234,000	1040	4.016	102
GE80SX	3.150	80	4.921	125	1.102	28	3.308	1.5	56,000	250	280,000	1250	4.528	115
GE90SX	3.543	90	5.512	140	1.260	32	4.631	2.1	72,000	320	360,000	1600	5.118	130
GE100SX	3.937	100	5.906	150	1.260	32	5.072	2.3	78,000	345	395,000	1760	5.512	140
GE110SX	4.331	110	6.693	170	1.496	38	7.938	3.6	107,000	475	530,000	2360	6.299	160
GE120SX	4.724	120	7.087	180	1.496	38	8.600	3.9	115,000	510	570,000	2550	6.693	170
GE130SX	5.118	130	7.874	200	1.772	45	13.010	5.9	144,000	640	720,000	3200	7.480	190
GE140SX	5.512	140	8.268	210	1.772	45	13.892	6.3	153,000	680	780,000	3450	7.874	200
GE150SX	5.906	150	8.858	225	1.890	48	16.979	7.7	175,000	780	880,000	3900	8.386	213
GE160SX	6.299	160	9.449	240	2.008	51	20.727	9.4	202,000	900	1,010,000	4500	8.858	225
GE170SX	6.693	170	10.236	260	2.244	57	26.460	12	247,000	1100	1,240,000	5500	9.843	250
GE180SX	7.087	180	11.024	280	2.520	64	37.485	17	295,000	1320	1,510,000	6700	10.236	260
GE190SX	7.480	190	11.417	290	2.520	64	39.690	18	310,000	1370	1,560,000	6950	10.827	275
GE200SX	7.874	200	12.205	310	2.756	70	49.613	22.5	350,000	1560	1,750,000	7800	11.417	290



Elges Angular Contact Spherical Plain Bearings

GE..SX SERIES

- Sliding contact surfaces: steel/steel

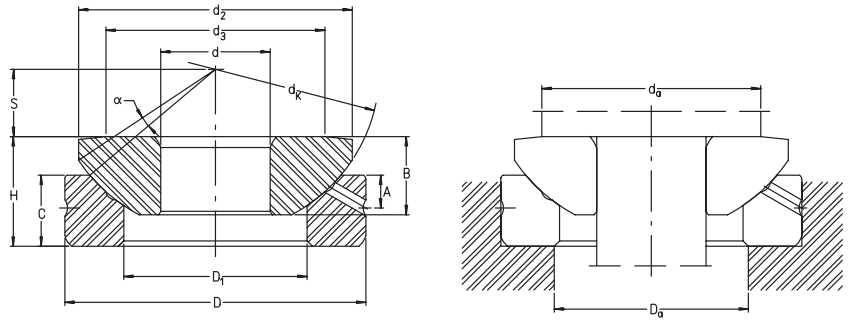


For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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D ₁ inch	D ₁ mm	B inch	B mm	C inch	C mm	s inch	s mm	A inch	A mm	PART NUMBER
1.236	31.4	0.551	14	0.551	14	0.039	1	0.295	7.5	GE25SX
1.406	35.7	0.591	15	0.591	15	0.039	1	0.315	8	GE28SX
1.421	36.1	0.630	16	0.630	16	0.079	2	0.335	8.5	GE30SX
1.669	42.4	0.669	17	0.669	17	0.079	2	0.354	9	GE35SX
1.843	46.8	0.709	18	0.709	18	0.059	1.5	0.374	9.5	GE40SX
2.083	52.9	0.748	19	0.748	19	0.059	1.5	0.394	10	GE45SX
2.327	59.1	0.748	19	0.748	19	0.158	4	0.394	10	GE50SX
2.441	62	0.866	22	0.866	22	0.158	4	0.453	11.5	GE55SX
2.681	68.1	0.866	22	0.866	22	0.197	5	0.453	11.5	GE60SX
2.976	75.6	0.866	22	0.866	22	0.197	5	0.453	11.5	GE65SX
3.236	82.2	0.945	24	0.945	24	0.276	7	0.492	12.5	GE70SX
3.563	90.5	1.063	27	1.063	27	0.394	10	0.571	14.5	GE80SX
4.067	103.3	1.181	30	1.181	30	0.433	11	0.630	16	GE90SX
4.500	114.3	1.181	30	1.181	30	0.472	12	0.630	16	GE100SX
4.953	125.8	1.417	36	1.417	36	0.591	15	0.748	19	GE110SX
5.331	135.4	1.417	36	1.417	36	0.669	17	0.748	19	GE120SX
5.827	148	1.654	42	1.654	42	0.787	20	0.886	22.5	GE130SX
6.323	160.6	1.654	42	1.654	42	0.787	20	0.886	22.5	GE140SX
6.728	170.9	1.772	45	1.772	45	0.827	21	0.945	24	GE150SX
7.142	181.4	1.890	48	1.890	48	0.827	21	1.004	25.5	GE160SX
7.650	194.3	2.126	54	2.126	54	1.063	27	1.122	28.5	GE170SX
8.091	205.5	2.402	61	2.402	61	0.827	21	1.260	32	GE180SX
8.339	211.8	2.402	61	2.402	61	1.142	29	1.260	32	GE190SX
9.024	229.2	2.598	66	2.598	66	1.024	26	1.378	35	GE200SX

Elges Axial Spherical Plain Bearings GE..AX SERIES

- Sliding contact surfaces: steel/steel



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	d inch	d mm	D inch	D mm	H inch	H mm	WGT. lbs	WGT. kg	C lbf	C kN	C ₀ lbf	C ₀ kN	dk inch	dk mm	d ₂ inch	d ₂ mm
GE10AX	0.394	10	1.181	30	0.374	9.5	0.088	0.04	5,400	24	27,000	120	1.260	32	1.083	27.5
GE12AX	0.472	12	1.378	35	0.512	13	0.154	0.07	7,300	32.5	36,500	163	1.457	37	1.260	32
GE15AX	0.591	15	1.654	42	0.591	15	0.265	0.12	11,700	52	58,000	260	1.772	45	1.532	38.9
GE17AX	0.669	17	1.850	47	0.630	16	0.353	0.16	13,200	58.5	67,000	300	1.969	50	1.709	43.4
GE20AX	0.787	20	2.165	55	0.787	20	0.551	0.25	16,900	75	84,000	375	2.362	60	1.969	50
GE25AX	0.984	25	2.441	62	0.886	22.5	0.838	0.38	29,000	129	144,000	640	2.598	66	2.264	57.5
GE30AX	1.181	30	2.953	75	1.024	26	1.433	0.65	38,000	170	191,000	850	3.150	80	2.717	69
GE35AX	1.378	35	3.543	90	1.102	28	2.205	1	58,000	260	290,000	1290	3.858	98	3.307	84
GE40AX	1.575	40	4.134	105	1.260	32	3.528	1.6	84,000	375	420,000	1860	4.488	114	3.858	98
GE45AX	1.772	45	4.724	120	1.437	36.5	5.292	2.4	110,000	490	550,000	2450	5.118	130	4.409	112
GE50AX	1.969	50	5.118	130	1.673	42.5	7.277	3.3	147,000	655	730,000	3250	5.512	140	4.823	122.5
GE60AX	2.362	60	5.906	150	1.772	45	9.92	4.5	165,000	735	820,000	3650	6.299	160	5.512	140
GE70AX	2.756	70	6.299	160	1.969	50	12.13	5.5	180,000	800	910,000	4050	6.693	170	5.886	149.5
GE80AX	3.150	80	7.087	180	1.969	50	15.44	7	234,000	1040	1,170,000	5200	7.638	194	6.614	168
GE100AX	3.937	100	8.268	210	2.323	59	23.15	10.5	270,000	1200	1,350,000	6000	8.661	220	7.697	195.5
GE120AX	4.724	120	9.055	230	2.520	64	28.67	13	280,000	1250	1,390,000	6200	9.646	245	8.425	214
GE140AX	5.512	140	10.236	260	2.835	72	39.69	18	365,000	1630	1,830,000	8150	10.709	272	9.606	244
GE160AX	6.299	160	11.417	290	3.032	77	50.72	23	425,000	1900	2,140,000	9500	12.205	310	10.709	272
GE180AX	7.087	180	12.598	320	3.386	86	68.36	31	475,000	2120	2,380,000	10600	13.189	335	11.811	300
GE200AX	7.874	200	13.386	340	3.425	87	74.97	34	530,000	2360	2,650,000	11800	14.095	358	12.638	321

CONTINUED FROM ABOVE

PART NUMBER	d ₃ inch	d ₃ mm	D ₁ inch	D ₁ mm	B inch	B mm	C inch	C mm	s inch	s mm	A inch	A mm	ALPHA deg	da max. inch	da max. mm	Da min. inch	Da min. mm
GE10AX	0.827	21	0.650	16.5	0.311	7.9	0.236	6	0.276	7	0.118	3	10	0.827	21	0.728	18.5
GE12AX	0.945	24	0.768	19.5	0.366	9.3	0.354	9	0.315	8	0.158	4	9	0.945	24	0.847	21.5
GE15AX	1.142	29	0.945	24	0.421	10.7	0.433	11	0.394	10	0.197	5	7	1.142	29	1.024	26
GE17AX	1.339	34	1.102	28	0.453	11.5	0.453	11.5	0.433	11	0.197	5	6	1.339	34	1.201	30.5
GE20AX	1.575	40	1.319	33.5	0.563	14.3	0.512	13	0.492	12.5	0.236	6	6	1.575	40	1.496	38
GE25AX	1.772	45	1.358	34.5	0.630	16	0.669	17	0.551	14	0.236	6	7	1.772	45	1.535	39
GE30AX	2.205	56	1.732	44	0.709	18	0.768	19.5	0.689	17.5	0.315	8	6	2.205	56	1.929	49
GE35AX	2.598	66	2.047	52	0.866	22	0.787	20	0.866	22	0.315	8	6	2.598	66	2.244	57
GE40AX	3.071	78	2.323	59	1.063	27	0.866	22	0.965	24.5	0.354	9	6	3.071	78	2.520	64
GE45AX	3.504	89	2.677	68	1.221	31	0.984	25	1.083	27.5	0.433	11	6	3.504	89	2.913	74
GE50AX	3.858	98	2.717	69	1.319	33.5	1.260	32	1.181	30	0.394	10	5	3.858	98	2.953	75
GE60AX	4.252	108	3.386	86	1.457	37	1.299	33	1.378	35	0.492	12.5	7	4.252	108	3.622	92
GE70AX	4.764	121	3.740	95	1.575	40	1.417	36	1.378	35	0.532	13.5	6	4.764	121	4.016	102
GE80AX	5.118	130	4.252	108	1.654	42	1.417	36	1.673	42.5	0.571	14.5	6	5.118	130	4.528	115
GE100AX	6.102	155	5.236	133	1.969	50	1.654	42	1.772	45	0.591	15	7	6.102	155	5.551	141
GE120AX	6.693	170	6.063	154	2.047	52	1.772	45	2.067	52.5	0.650	16.5	8	6.693	170	6.378	162
GE140AX	7.795	198	6.929	176	2.402	61	1.969	50	2.067	52.5	0.906	23	6	7.795	198	7.362	187
GE160AX	8.386	213	7.835	199	2.559	65	2.047	52	2.559	65	0.906	23	7	8.386	213	8.307	211
GE180AX	9.449	240	8.819	224	2.756	70	2.362	60	2.658	67.5	1.024	26	8	9.449	240	9.291	236
GE200AX	10.433	265	9.685	246	2.913	74	2.362	60	2.756	70	1.063	27	8	10.433	265	10.197	259

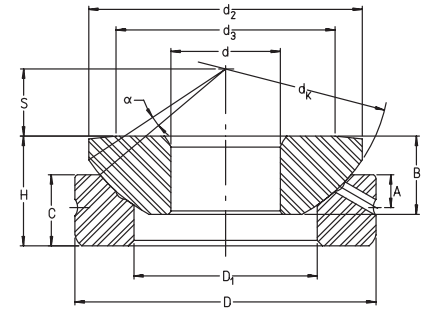


Elges

Thrust Spherical Plain Bearings

GE..ZSX SERIES

- Inch series
- Sliding contact surfaces: steel/steel
- Hardened housing and shaft locating washers



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 (800)523-6572.

PART NUMBER	SHAFT d inch	SHAFT d mm	OD D inch	OD D mm	TOTAL WIDTH T inch	TOTAL WIDTH T mm	WIDTH B inch	WIDTH B mm	WIDTH C inch	WIDTH C mm
GE12ZSX	0.500	12.700	0.875	22.225	0.300	7.620	0.270	6.858	0.190	4.826
GE15ZSX	0.625	15.875	1.063	26.988	0.370	9.398	0.340	8.636	0.250	6.350
GE19ZSX	0.750	19.050	1.250	31.750	0.440	11.176	0.410	10.414	0.310	7.874
GE22ZSX	0.875	22.225	1.438	36.513	0.520	13.208	0.480	12.192	0.380	9.652
GE25ZSX	1.000	25.400	1.625	41.275	0.600	15.240	0.550	13.970	0.440	11.176
GE31ZSX	1.250	31.750	2.000	50.800	0.740	18.796	0.700	17.780	0.550	13.970
GE34ZSX	1.375	34.925	2.188	55.563	0.840	21.336	0.770	19.558	0.600	15.240
GE38ZSX	1.500	38.100	2.438	61.913	0.910	23.114	0.840	21.336	0.660	16.764
GE44ZSX	1.750	44.450	2.813	71.438	1.070	27.178	0.980	24.892	0.790	20.066
GE50ZSX	2.000	50.800	3.188	80.963	1.230	31.242	1.130	28.702	0.920	23.368
GE57ZSX	2.250	57.150	3.563	90.488	1.390	35.306	1.270	32.258	1.050	26.670
GE63ZSX	2.500	63.500	3.938	100.013	1.540	39.116	1.420	36.068	1.180	29.972
GE69ZSX	2.750	69.850	4.375	111.125	1.700	43.180	1.560	39.624	1.275	32.385
GE76ZSX	3.000	76.200	4.750	120.650	1.860	47.244	1.710	43.434	1.406	35.712
GE82ZSX	3.250	82.550	5.125	130.175	2.030	51.562	1.860	47.244	1.545	39.243
GE88ZSX	3.500	88.900	5.500	139.700	2.180	55.372	2.000	50.800	1.675	42.545
GE95ZSX	3.750	95.250	5.875	149.225	2.340	59.436	2.150	54.610	1.805	45.847
GE101ZSX	4.000	101.600	6.250	158.750	2.500	63.500	2.300	58.420	1.935	49.149
GE114ZSX	4.500	114.300	7.000	177.800	2.800	71.120	2.590	65.786	2.195	55.753
GE127ZSX	5.000	127.000	7.750	196.850	3.130	79.502	2.880	73.152	2.455	62.357
GE152ZSX	6.000	152.400	8.750	222.250	3.375	85.725	3.100	78.740	2.615	66.421

PART NUMBER	BALL DIA. d_k inch	BALL DIA. d_k mm	WEIGHT lbs	WEIGHT kg	DYN. CAP. x1000 lbf	DYN. CAP. kN	STAT. CAP. x1000 lbf	STAT. CAP. kN
GE12ZSX	0.719	18.263	0.029	0.013	1.68	7.50	8.40	37.50
GE15ZSX	0.899	22.835	0.056	0.025	2.75	12.30	13.90	62
GE19ZSX	1.080	27.432	0.083	0.038	4.15	18.40	20.60	92
GE22ZSX	1.258	31.953	0.110	0.050	5.90	26.00	29.50	131
GE25ZSX	1.437	36.500	0.188	0.085	7.80	34.50	39	173
GE31ZSX	1.795	45.593	0.351	0.159	12.20	54	61	270
GE34ZSX	1.937	49.200	0.470	0.213	14.30	64	72	320
GE38ZSX	2.155	54.737	0.662	0.300	17.50	78	88	390
GE44ZSX	2.515	63.881	1.010	0.458	24.50	109	122	540
GE50ZSX	2.875	73.025	1.480	0.671	32.50	145	163	730
GE57ZSX	3.235	82.169	2.090	0.948	42	186	209	930
GE63ZSX	3.590	91.186	2.490	1.129	52	232	260	1160
GE69ZSX	3.950	100.330	3.860	1.751	62	275	310	1380
GE76ZSX	4.312	109.525	6.670	3.025	75	330	375	1660
GE82ZSX	4.675	118.745	6.360	2.884	89	395	445	1980
GE88ZSX	5.040	128.016	7.870	3.569	104	465	520	2310
GE95ZSX	5.390	136.906	9.590	4.349	120	530	600	2650
GE101ZSX	5.750	146.050	11.56	5.243	137	610	690	3050
GE114ZSX	6.475	164.465	17.12	7.764	175	780	880	3900
GE127ZSX	7.190	182.626	24.40	11.07	218	970	1090	4850
GE152ZSX	8.156	207.162	38.34	17.39	265	1170	1310	5800



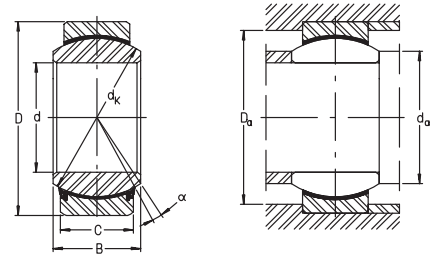
Elges

Radial Spherical Plain Bearings

GE..UK SERIES

GE..UK-2RS SERIES

- DIN 648, dimension series E – ISO 6124/1
- Sliding contact surfaces: hard chromium/PTFE
- Sliding contact surfaces available with:
corrosion resistant steel/PTFE – suffix W1



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 (800)523-6572.

PART NUMBER	d		D		B		C		WGT.	WGT
	inch	mm	inch	mm	inch	mm	inch	mm		
GE6UK	0.236	6	0.551	14	0.236	6	0.158	4	0.009	0.004
GE8UK	0.315	8	0.630	16	0.315	8	0.197	5	0.015	0.007
GE10UK	0.394	10	0.748	19	0.354	9	0.236	6	0.024	0.011
GE12UK	0.472	12	0.866	22	0.394	10	0.276	7	0.035	0.016
GE15UK	0.591	15	1.024	26	0.472	12	0.354	9	0.055	0.025
GE17UK	0.669	17	1.181	30	0.551	14	0.394	10	0.084	0.038
GE20UK	0.787	20	1.378	35	0.630	16	0.472	12	0.135	0.061
GE25UK	0.984	25	1.654	42	0.787	20	0.630	16	0.243	0.11
GE30UK	1.181	30	1.850	47	0.866	22	0.709	18	0.309	0.14
GE17UK2RS	0.669	17	1.181	30	0.551	14	0.394	10	0.084	0.038
GE20UK2RS	0.787	20	1.378	35	0.630	16	0.472	12	0.135	0.061
GE25UK2RS	0.984	25	1.654	42	0.787	20	0.630	16	0.243	0.11
GE30UK2RS	1.181	30	1.850	47	0.866	22	0.709	18	0.309	0.14
GE35UK2RS	1.378	35	2.165	55	0.984	25	0.787	20	0.485	0.22
GE40UK2RS	1.575	40	2.441	62	1.102	28	0.866	22	0.662	0.3
GE45UK2RS	1.772	45	2.677	68	1.260	32	0.984	25	0.882	0.4
GE50UK2RS	1.969	50	2.953	75	1.378	35	1.102	28	1.191	0.54
GE60UK2RS	2.362	60	3.543	90	1.732	44	1.417	36	2.205	1
GE70UK2RS	2.756	70	4.134	105	1.929	49	1.575	40	3.308	1.5
GE80UK2RS	3.150	80	4.724	120	2.165	55	1.772	45	4.851	2.2
GE90UK2RS	3.543	90	5.118	130	2.362	60	1.969	50	5.954	2.7
GE100UK2RS	3.937	100	5.906	150	2.756	70	2.165	55	9.482	4.3
GE110UK2RS	4.331	110	6.299	160	2.756	70	2.165	55	10.36	4.7
GE120UK2RS	4.724	120	7.087	180	3.347	85	2.756	70	17.64	8
GE140UK2RS	5.512	140	8.268	210	3.543	90	2.756	70	24.26	11
GE160UK2RS	6.299	160	9.055	230	4.134	105	3.150	80	29.77	13.5
GE180UK2RS	7.087	180	10.236	260	4.134	105	3.150	80	40.79	18.5
GE200UK2RS	7.874	200	11.417	290	5.118	130	3.937	100	61.74	28
GE220UK2RS	8.661	220	12.598	320	5.315	135	3.937	100	78.28	35.5
GE240UK2RS	9.449	240	13.386	340	5.512	140	3.937	100	88.20	40
GE260UK2RS	10.236	260	14.567	370	5.906	150	4.331	110	110.25	50
GE280UK2RS	11.024	280	15.748	400	6.102	155	4.724	120	141.12	64
GE300UK2RS	11.811	300	16.929	430	6.496	165	4.724	120	165.38	75



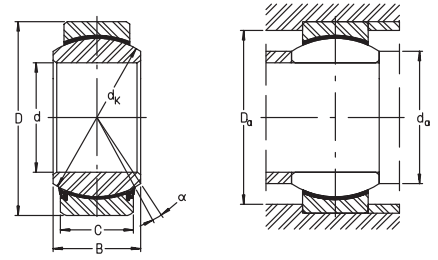
Elges

Radial Spherical Plain Bearings

GE..UK SERIES

GE..UK-2RS SERIES

- DIN 648, dimension series E – ISO 6124/1
- Sliding contact surfaces: hard chromium/PTFE
- Sliding contact surfaces available with:
corrosion resistant steel/PTFE – suffix W1



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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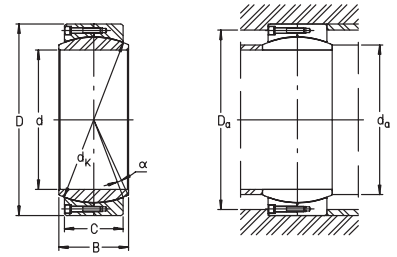
C	C	C ₀	C ₀	d _k	d _k	ALPHA	d _a	d _a	D _a	D _a	PART
lbf	kN	lbf	kN	inch	mm	deg	max.	max.	min.	min.	NUMBER
							inch	mm	inch	mm	
810	3.6	2,020	9	0.394	10	13	0.315	8	0.378	9.6	GE6UK
1,320	5.85	3,300	14.6	0.512	13	15	0.402	10.2	0.492	12.5	GE8UK
1,950	8.65	4,850	21.6	0.630	16	12	0.520	13.2	0.610	15.5	GE10UK
2,550	11.4	6,400	28.5	0.709	18	11	0.587	14.9	0.689	17.5	GE12UK
3,950	17.6	9,900	44	0.866	22	8	0.724	18.4	0.827	21	GE15UK
5,000	22.4	12,600	56	0.984	25	10	0.815	20.7	0.945	24	GE17UK
7,100	31.5	17,500	78	1.142	29	9	0.949	24.1	1.083	27.5	GE20UK
11,500	51	28,500	127	1.398	35.5	7	1.154	29.3	1.299	33	GE25UK
14,700	65.5	37,500	166	1.602	40.7	6	1.347	34.2	1.496	38	GE30UK
6,700	30	13,500	60	0.984	25	10	0.815	20.7	0.945	24	GE17UK2RS
9,300	41.5	18,700	83	1.142	29	9	0.949	24.1	1.083	27.5	GE20UK2RS
15,300	68	31,000	137	1.398	35.5	7	1.154	29.3	1.299	33	GE25UK2RS
19,800	88	39,500	176	1.602	40.7	6	1.347	34.2	1.496	38	GE30UK2RS
25,000	112	50,000	224	1.850	47	6	1.563	39.7	1.752	44.5	GE35UK2RS
31,500	140	63,000	280	2.087	53	7	1.772	45	2.008	51	GE40UK2RS
40,500	180	81,000	360	2.362	60	7	1.996	50.7	2.244	57	GE45UK2RS
49,500	220	99,000	440	2.598	66	6	2.201	55.9	2.480	63	GE50UK2RS
78,000	345	156,000	695	3.150	80	6	2.630	66.8	2.953	75	GE60UK2RS
99,000	440	198,000	880	3.622	92	6	3.063	77.8	3.425	87	GE70UK2RS
128,000	570	255,000	1140	4.134	105	6	3.520	89.4	3.898	99	GE80UK2RS
156,000	695	310,000	1370	4.528	115	5	3.862	98.1	4.252	108	GE90UK2RS
194,000	865	390,000	1730	5.118	130	7	4.311	109.5	4.843	123	GE100UK2RS
209,000	930	420,000	1860	5.512	140	6	4.772	121.2	5.276	134	GE110UK2RS
300,000	1340	610,000	2700	6.299	160	6	5.335	135.5	5.906	150	GE120UK2RS
335,000	1500	670,000	3000	7.087	180	7	6.134	155.8	6.811	173	GE140UK2RS
435,000	1930	850,000	3800	7.874	200	8	6.701	170.2	7.520	191	GE160UK2RS
485,000	2160	970,000	4300	8.858	225	6	7.831	198.9	8.622	219	GE180UK2RS
670,000	3000	1,350,000	6000	9.843	250	7	8.406	213.5	9.409	239	GE200UK2RS
750,000	3350	1,470,000	6550	10.827	275	8	9.429	239.5	10.512	267	GE220UK2RS
810,000	3600	1,620,000	7200	11.811	300	8	10.445	265.3	11.614	295	GE240UK2RS
970,000	4300	1,940,000	8650	12.795	325	7	11.350	288.3	12.559	319	GE260UK2RS
1,120,000	5000	2,250,000	10000	13.780	350	6	12.354	313.8	13.465	342	GE280UK2RS
1,210,000	5400	2,430,000	10800	14.764	375	7	13.256	336.7	14.567	370	GE300UK2RS

Elges

Radial Spherical Plain Bearings

GE..DW SERIES

- DIN 648, dimension series C – ISO 6124/3
- Sliding contact surfaces: hard chromium/PTFE



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 (800)523-6572.

PART NUMBER	d		D		B		C		WGT.	WGT
	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
GE320DW	12.598	320	17.323	440	6.299	160	5.315	135	167.58	76
GE340DW	13.386	340	18.110	460	6.299	160	5.315	135	176.40	80
GE360DW	14.173	360	18.898	480	6.299	160	5.315	135	189.63	86
GE380DW	14.961	380	20.472	520	7.480	190	6.299	160	275.63	125
GE400DW	15.748	400	21.260	540	7.480	190	6.299	160	286.65	130
GE420DW	16.535	420	22.047	560	7.480	190	6.299	160	315.32	143
GE440DW	17.323	440	23.622	600	8.583	218	7.284	185	414.54	188
GE460DW	18.110	460	24.409	620	8.583	218	7.284	185	438.80	199
GE480DW	18.898	480	25.591	650	9.055	230	7.677	195	520.38	236
GE500DW	19.685	500	26.378	670	9.055	230	7.677	195	535.82	243
GE530DW	20.866	530	27.953	710	9.567	243	8.071	205	635.04	288
GE560DW	22.047	560	29.528	750	10.158	258	8.465	215	745.29	338
GE600DW	23.622	600	31.496	800	10.709	272	9.055	230	897.44	407

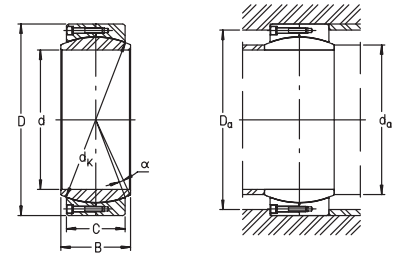


Elges

Radial Spherical Plain Bearings

GE..DW SERIES

- DIN 648, dimension series C – ISO 6124/3
- Sliding contact surfaces: hard chromium/PTFE



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 (800)523-6572.

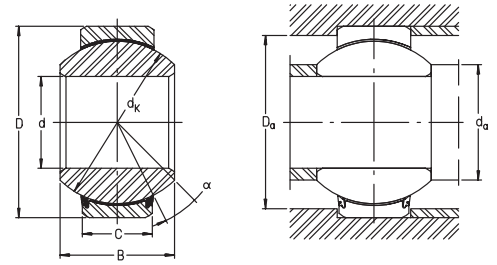
C x1000 lbf	C kN	C ₀ x1000 lbf	C ₀ kN	d _k inch	d _k mm	ALPHA deg	d _a max. inch	d _a max. mm	D _a min. inch	D _a min. mm	PART NUMBER
1730	7695	3450	15390	14.961	380	4	13.567	344.6	14.213	361	GE320DW
1820	8100	3650	16200	15.748	400	3.8	14.433	366.6	15.039	382	GE340DW
1910	8505	3800	17010	16.535	420	3.6	15.287	388.3	15.866	403	GE360DW
2430	10800	4850	21600	17.717	450	4.1	16.059	407.9	16.772	426	GE380DW
2550	11280	5100	22560	18.504	470	3.9	16.921	429.8	17.598	447	GE400DW
2650	11760	5300	23520	19.291	490	3.7	17.780	451.6	18.465	469	GE420DW
3250	14430	6500	28860	20.472	520	3.9	18.583	472	19.331	491	GE440DW
3350	14985	6700	29970	21.260	540	3.7	19.449	494	20.197	513	GE460DW
3700	16525	7400	33050	22.244	565	3.8	20.315	516	21.102	536	GE480DW
3850	17110	7700	34220	23.032	585	3.6	21.173	537.8	21.929	557	GE500DW
4300	19065	6300	28130	24.409	620	3.7	22.453	570.3	23.268	591	GE530DW
4750	21125	9500	42250	25.787	655	4	23.701	602	24.567	624	GE560DW
5400	24150	10900	48300	27.559	700	3.6	25.390	644.9	26.260	667	GE600DW

Elges

Radial Spherical Plain Bearings

GE..FW, GE..FW-2RS SERIES

- Metric
- DIN 648, dimension series G – ISO 6124/1
- Sliding contact surfaces: hard chromium/PTFE
- Matching dimensions with series GE..FO



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 (800)523-6572.

PART NUMBER	d		D		B		C		WGT.	WGT
	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
GE6FW	0.236	6	0.630	16	0.354	9	0.197	5	0.018	0.008
GE8FW	0.315	8	0.748	19	0.433	11	0.236	6	0.031	0.014
GE10FW	0.394	10	0.866	22	0.472	12	0.276	7	0.044	0.02
GE12FW	0.472	12	1.024	26	0.591	15	0.354	9	0.075	0.034
GE15FW	0.591	15	1.181	30	0.630	16	0.394	10	0.101	0.046
GE17FW	0.669	17	1.378	35	0.787	20	0.472	12	0.172	0.078
GE20FW	0.787	20	1.654	42	0.984	25	0.630	16	0.331	0.15
GE25FW	0.984	25	1.850	47	1.102	28	0.709	18	0.419	0.19
GE30FW2RS	1.181	30	2.165	55	1.260	32	0.787	20	0.639	0.29
GE35FW2RS	1.378	35	2.441	62	1.378	35	0.866	22	0.86	0.39
GE40FW2RS	1.575	40	2.677	68	1.575	40	0.984	25	1.147	0.52
GE45FW2RS	1.772	45	2.953	75	1.693	43	1.102	28	1.499	0.68
GE50FW2RS	1.969	50	3.543	90	2.205	56	1.417	36	3.087	1.4
GE60FW2RS	2.362	60	4.134	105	2.480	63	1.575	40	4.41	2
GE70FW2RS	2.756	70	4.724	120	2.756	70	1.772	45	6.395	2.9
GE80FW2RS	3.150	80	5.118	130	2.953	75	1.969	50	7.718	3.5
GE90FW2RS	3.543	90	5.906	150	3.347	85	2.165	55	11.91	5.4
GE100FW2RS	3.937	100	6.299	160	3.347	85	2.165	55	13.01	5.9
GE110FW2RS	4.331	110	7.087	180	3.937	100	2.756	70	21.39	9.7
GE120FW2RS	4.724	120	8.268	210	4.528	115	2.756	70	33.08	15
GE140FW2RS	5.512	140	9.055	230	5.118	130	3.150	80	40.79	18.5
GE160FW2RS	6.299	160	10.236	260	5.315	135	3.150	80	55.13	25
GE180FW2RS	7.087	180	11.417	290	6.102	155	3.937	100	78.28	35.5
GE200FW2RS	7.874	200	12.598	320	6.496	165	3.937	100	99.23	45
GE220FW2RS	8.661	220	13.386	340	6.890	175	3.937	100	112.46	51
GE240FW2RS	9.449	240	14.567	370	7.480	190	4.331	110	141.12	64
GE260FW2RS	10.236	260	15.748	400	8.071	205	4.724	120	178.61	81
GE280FW2RS	11.024	280	16.929	430	8.268	210	4.724	120	207.27	94

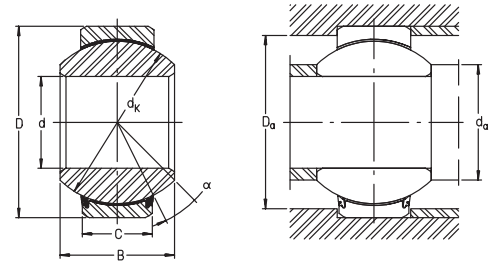


Elges

Radial Spherical Plain Bearings

GE..FW, GE..FW-2RS SERIES

- Metric
- DIN 648, dimension series G – ISO 6124/1
- Sliding contact surfaces: hard chromium/PTFE
- Matching dimensions with series GE..UK



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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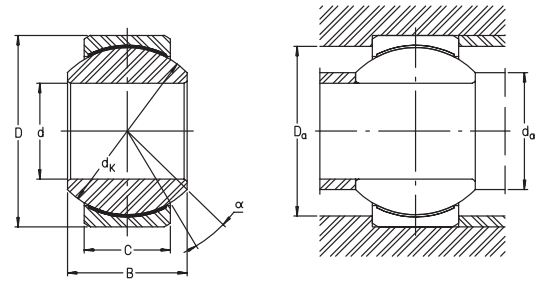
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lbf	kN	lbf	kN	inch	mm	deg	max.	max.	min.	min.	NUMBER
							inch	mm	inch	mm	
1,320	5.85	3,300	14.6	0.512	13	21	0.366	9.3	0.492	12.5	GE6FW
1,950	8.65	4,850	21.6	0.630	16	21	0.457	11.6	0.610	15.5	GE8FW
2,550	11.4	6,400	28.5	0.709	18	18	0.528	13.4	0.689	17.5	GE10FW
3,950	17.6	9,900	44	0.866	22	18	0.630	16	0.827	21	GE12FW
5,000	22.4	12,600	56	0.984	25	16	0.756	19.2	0.945	24	GE15FW
7,100	31.5	17,500	78	1.142	29	19	0.827	21	1.083	27.5	GE17FW
11,500	51	28,500	127	1.398	35.5	17	0.992	25.2	1.299	33	GE20FW
14,700	65.5	37,500	166	1.602	40.7	17	1.161	29.5	1.496	38	GE25FW
25,000	112	50,000	224	1.850	47	17	1.354	34.4	1.752	44.5	GE30FW2RS
31,500	140	63,000	280	2.087	53	16	1.563	39.7	2.008	51	GE35FW2RS
40,500	180	81,000	360	2.362	60	17	1.760	44.7	2.244	57	GE40FW2RS
49,500	220	99,000	440	2.598	66	15	1.969	50	2.480	63	GE45FW2RS
78,000	345	156,000	695	3.150	80	17	2.248	57.1	2.953	75	GE50FW2RS
99,000	440	198,000	880	3.622	92	17	2.638	67	3.425	87	GE60FW2RS
128,000	570	255,000	1140	4.134	105	16	3.079	78.2	3.898	99	GE70FW2RS
156,000	695	310,000	1370	4.528	115	14	3.429	87.1	4.252	108	GE80FW2RS
194,000	865	390,000	1730	5.118	130	15	3.870	98.3	4.843	123	GE90FW2RS
209,000	930	420,000	1860	5.512	140	14	4.378	111.2	5.276	134	GE100FW2RS
300,000	1340	610,000	2700	6.299	160	12	4.913	124.8	5.906	150	GE110FW2RS
335,000	1500	670,000	3000	7.087	180	16	5.449	138.4	6.811	173	GE120FW2RS
435,000	1930	850,000	3800	7.874	200	16	5.980	151.9	7.520	191	GE140FW2RS
485,000	2160	970,000	4300	8.858	225	16	7.087	180	8.622	219	GE160FW2RS
670,000	3000	1,350,000	6000	9.843	250	14	7.721	196.1	9.409	239	GE180FW2RS
750,000	3350	1,470,000	6550	10.827	275	15	8.661	220	10.512	267	GE200FW2RS
810,000	3600	1,620,000	7200	11.811	300	16	9.591	243.6	11.614	295	GE220FW2RS
970,000	4300	1,940,000	8650	12.795	325	15	10.378	263.6	12.559	319	GE240FW2RS
1,120,000	5000	2,250,000	10000	13.780	350	15	11.165	283.6	13.465	342	GE260FW2RS
1,210,000	5400	2,430,000	10800	14.764	375	15	12.228	310.6	14.567	370	GE280FW2RS

Elges

Radial Spherical Plain Bearings

GE..PW SERIES

- Metric
- DIN 648, dimension series K
- Maintenance free
- Sliding contact surfaces: steel/PTFE



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 (800)523-6572.

PART NUMBER	d		D		B		C		WGT.	WGT
	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
GE5PW	0.197	5	0.512	13	0.315	8	0.236	6	0.013	0.006
GE6PW	0.236	6	0.630	16	0.354	9	0.266	6.75	0.022	0.01
GE8PW	0.315	8	0.748	19	0.472	12	0.354	9	0.04	0.018
GE10PW	0.394	10	0.866	22	0.551	14	0.413	10.5	0.06	0.027
GE12PW	0.472	12	1.024	26	0.630	16	0.472	12	0.095	0.043
GE14PW	0.551	14	1.102	28	0.748	19	0.532	13.5	0.121	0.055
GE16PW	0.630	16	1.260	32	0.827	21	0.591	15	0.176	0.08
GE18PW	0.709	18	1.378	35	0.906	23	0.650	16.5	0.221	0.1
GE20PW	0.787	20	1.575	40	0.984	25	0.709	18	0.331	0.15
GE22PW	0.866	22	1.654	42	1.102	28	0.787	20	0.397	0.18
GE25PW	0.984	25	1.850	47	1.221	31	0.866	22	0.529	0.24
GE30PW	1.181	30	2.165	55	1.457	37	0.984	25	0.838	0.38

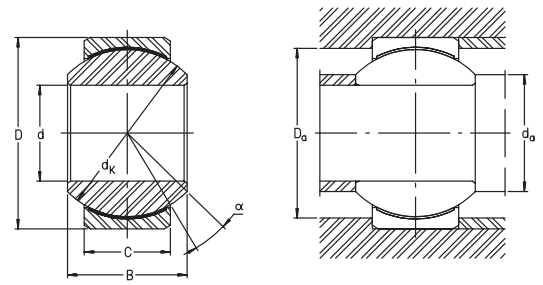


Elges

Radial Spherical Plain Bearings

GE..PW SERIES

- Metric
- DIN 648, dimension series K
- Maintenance free
- Sliding contact surfaces: steel/PTFE



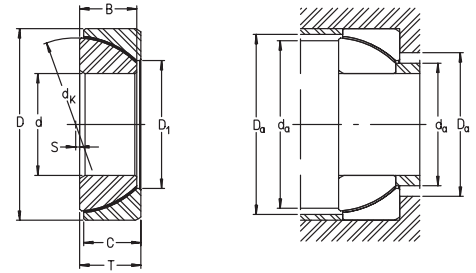
For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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C	C	C ₀	C ₀	d _k	d _k	ALPHA	d _a	d _a	D _a	D _a	PART
lbf	kN	lbf	kN	inch	mm	deg	max.	max.	min.	min.	NUMBER
							inch	mm	inch	mm	
1,350	6	3,350	15	0.438	11.112	13	0.303	7.7	0.386	9.8	GE5PW
1,720	7.65	4,350	19.3	0.500	12.7	13	0.350	8.9	0.453	11.5	GE6PW
2,900	12.9	7,200	32	0.625	15.875	14	0.406	10.3	0.551	14	GE8PW
4,050	18	10,100	45	0.750	19.05	13	0.508	12.9	0.669	17	GE10PW
5,400	24	13,500	60	0.875	22.225	13	0.606	15.4	0.768	19.5	GE12PW
7,000	31	17,200	76.5	1.000	25.4	16	0.661	16.8	0.886	22.5	GE14PW
8,800	39	21,700	96.5	1.125	28.575	15	0.760	19.3	1.004	25.5	GE16PW
10,700	47.5	26,500	118	1.250	31.75	15	0.858	21.8	1.122	28.5	GE18PW
12,800	57	31,500	140	1.375	34.925	14	0.957	24.3	1.240	31.5	GE20PW
15,300	68	38,000	170	1.500	38.1	15	1.016	25.8	1.339	34	GE22PW
19,100	85	47,500	212	1.687	42.85	15	1.161	29.5	1.516	38.5	GE25PW
25,500	114	64,000	285	2.000	50.8	17	1.370	34.8	1.811	46	GE30PW

Elges Angular Contact Spherical Plain Bearings

GE..SW SERIES

- Sliding contact surfaces: hard chromium/PTFE



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

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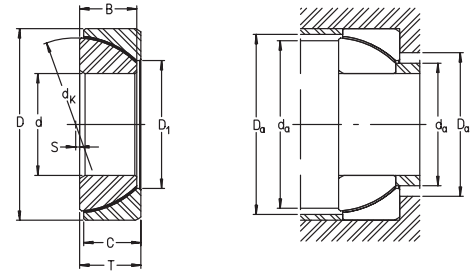
PART NUMBER	d inch	d mm	D inch	D mm	T inch	T mm	WGT. lbs	WGT kg	C lbf	C kN	C ₀ lbf	C ₀ kN	d _k inch	d _k mm	D ₁ inch	D ₁ mm
GE25SW	0.984	25	1.850	47	0.591	15	0.309	0.14	16,000	71	31,500	140	1.673	42.5	1.236	31.4
GE28SW	1.102	28	2.047	52	0.630	16	0.397	0.18	20,200	90	40,500	180	1.850	47	1.406	35.7
GE30SW	1.181	30	2.165	55	0.669	17	0.485	0.22	21,400	95	42,500	190	1.969	50	1.421	36.1
GE32SW	1.260	32	2.284	58	0.669	17	0.529	0.24	22,900	102	46,000	204	2.087	53	1.547	39.3
GE35SW	1.378	35	2.441	62	0.709	18	0.617	0.28	26,000	116	52,000	232	2.205	56	1.669	42.4
GE40SW	1.575	40	2.677	68	0.748	19	0.75	0.34	30,000	134	61,000	270	2.362	60	1.843	46.8
GE45SW	1.772	45	2.953	75	0.787	20	0.948	0.43	36,000	160	72,000	320	2.598	66	2.083	52.9
GE50SW	1.969	50	3.150	80	0.787	20	1.036	0.47	39,500	176	80,000	355	2.913	74	2.327	59.1
GE55SW	2.165	55	3.543	90	0.906	23	1.544	0.7	49,500	220	99,000	440	3.150	80	2.441	62
GE60SW	2.362	60	3.740	95	0.906	23	1.654	0.75	54,000	240	108,000	480	3.386	86	2.681	68.1
GE65SW	2.559	65	3.937	100	0.906	23	1.764	0.8	58,000	260	117,000	520	3.622	92	2.976	75.6
GE70SW	2.756	70	4.331	110	0.984	25	2.205	1	71,000	315	142,000	630	4.016	102	3.236	82.2
GE80SW	3.150	80	4.921	125	1.142	29	3.528	1.6	84,000	375	169,000	750	4.528	115	3.563	90.5
GE90SW	3.543	90	5.512	140	1.260	32	4.851	2.2	108,000	480	217,000	965	5.118	130	4.067	103.3
GE100SW	3.937	100	5.906	150	1.260	32	5.292	2.4	117,000	520	234,000	1040	5.512	140	4.500	114.3
GE110SW	4.331	110	6.693	170	1.496	38	8.16	3.7	160,000	710	320,000	1430	6.299	160	4.953	125.8
GE120SW	4.724	120	7.087	180	1.496	38	8.82	4	172,000	765	345,000	1530	6.693	170	5.331	135.4
GE130SW	5.118	130	7.874	200	1.772	45	13.23	6	217,000	965	435,000	1930	7.480	190	5.827	148
GE140SW	5.512	140	8.268	210	1.772	45	14.11	6.4	229,000	1020	460,000	2040	7.874	200	6.323	160.6
GE150SW	5.906	150	8.858	225	1.890	48	17.42	7.9	265,000	1180	530,000	2360	8.386	213	6.728	170.9
GE160SW	6.299	160	9.449	240	2.008	51	21.17	9.6	300,000	1340	610,000	2700	8.858	225	7.142	181.4
GE170SW	6.693	170	10.236	260	2.244	57	28.67	13	375,000	1660	750,000	3350	9.843	250	7.650	194.3
GE180SW	7.087	180	11.024	280	2.520	64	38.59	17.5	450,000	2000	900,000	4000	10.236	260	8.091	205.5
GE190SW	7.480	190	11.417	290	2.520	64	39.69	18	470,000	2080	930,000	4150	10.827	275	8.339	211.8
GE200SW	7.874	200	12.205	310	2.756	70	50.72	23	530,000	2360	1,070,000	4750	11.417	290	9.024	229.2



Elges Angular Contact Spherical Plain Bearings

GE..SW SERIES

- Sliding contact surfaces: hard chromium/PTFE



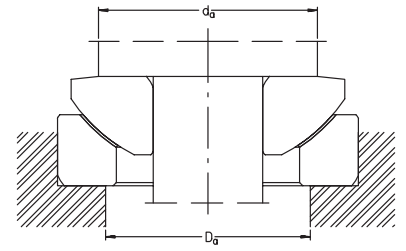
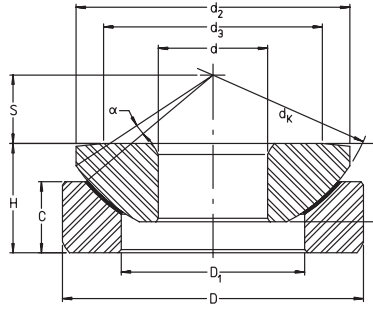
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B inch	B mm	C inch	C mm	s inch	s mm	d _a max. inch	d _a max. mm	d _b max. inch	d _b max. mm	D _a min. inch	D _a min. mm	D _b min. inch	D _b min. mm	PART NUMBER
0.551	14	0.551	14	0.039	1	1.185	30.1	1.555	39.5	1.339	34	1.693	43	GE25SW
0.591	15	0.591	15	0.039	1	1.354	34.4	1.654	42	1.575	40	1.870	47.5	GE28SW
0.630	16	0.630	16	0.079	2	1.362	34.6	1.772	45	1.595	40.5	1.988	50.5	GE30SW
0.630	16	0.630	16	0.098	2.5	1.492	37.9	1.870	47.5	1.732	44	2.126	54	GE32SW
0.669	17	0.669	17	0.079	2	1.618	41.1	1.969	50	1.850	47	2.244	57	GE35SW
0.709	18	0.709	18	0.059	1.5	1.791	45.5	2.126	54	2.047	52	2.402	61	GE40SW
0.748	19	0.748	19	0.059	1.5	2.035	51.7	2.362	60	2.284	58	2.638	67	GE45SW
0.748	19	0.748	19	0.158	4	2.280	57.9	2.638	67	2.559	65	2.953	75	GE50SW
0.866	22	0.866	22	0.158	4	2.390	60.7	2.795	71	2.756	70	3.189	81	GE55SW
0.866	22	0.866	22	0.197	5	2.634	66.9	3.032	77	2.992	76	3.425	87	GE60SW
0.866	22	0.866	22	0.197	5	2.929	74.4	3.268	83	3.307	84	3.661	93	GE65SW
0.945	24	0.945	24	0.276	7	3.185	80.9	3.622	92	3.543	90	4.095	104	GE70SW
1.063	27	1.063	27	0.394	10	3.465	88	4.095	104	3.898	99	4.606	117	GE80SW
1.181	30	1.181	30	0.433	11	3.969	100.8	4.646	118	4.409	112	5.197	132	GE90SW
1.181	30	1.181	30	0.472	12	4.409	112	5.039	128	4.843	123	5.630	143	GE100SW
1.417	36	1.417	36	0.591	15	4.850	123.2	5.748	146	5.315	135	6.378	162	GE110SW
1.417	36	1.417	36	0.669	17	5.232	132.9	6.102	155	5.709	145	6.772	172	GE120SW
1.654	42	1.654	42	0.787	20	5.665	143.9	6.850	174	6.221	158	7.559	192	GE130SW
1.654	42	1.654	42	0.787	20	6.177	156.9	7.244	184	6.732	171	7.953	202	GE140SW
1.772	45	1.772	45	0.827	21	6.579	167.1	7.638	194	7.244	184	8.504	216	GE150SW
1.890	48	1.890	48	0.827	21	6.996	177.7	8.110	206	7.677	195	8.976	228	GE160SW
2.126	54	2.126	54	1.063	27	7.496	190.4	8.976	228	8.189	208	9.961	253	GE170SW
2.402	61	2.402	61	0.827	21	7.941	201.7	9.449	240	8.661	220	10.354	263	GE180SW
2.402	61	2.402	61	1.142	29	8.185	207.9	9.921	252	8.898	226	10.945	278	GE190SW
2.598	66	2.598	66	1.024	26	8.823	224.1	10.551	268	9.606	244	11.535	293	GE200SW

Elges Axial Spherical Plain Bearings

GE..AW SERIES

- Sliding contact surfaces: hard chromium/PTFE



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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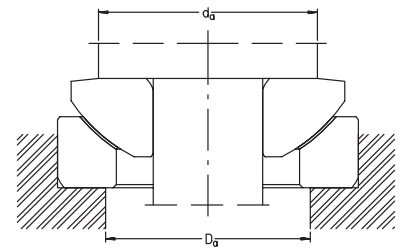
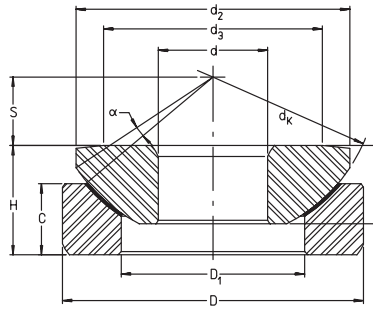
PART NUMBER	d	d	D	D	H	H	WGT.	WGT.	C	C	C ₀	C ₀	d _k	d _k	d ₂	d ₂
	inch	mm	inch	mm	inch	mm										
GE10AW	0.394	10	1.181	30	0.374	9.5	0.088	0.04	8.1	36	16.2	72	1.260	32	1.083	27.5
GE12AW	0.472	12	1.378	35	0.512	13	0.154	0.07	11	49	22	98	1.457	37	1.260	32
GE15AW	0.591	15	1.654	42	0.591	15	0.265	0.12	17.5	78	35	156	1.772	45	1.532	38.9
GE17AW	0.669	17	1.850	47	0.630	16	0.353	0.16	19.8	88	39.5	176	1.969	50	1.709	43.4
GE20AW	0.787	20	2.165	55	0.787	20	0.551	0.25	25	112	50	224	2.362	60	1.969	50
GE25AW	0.984	25	2.441	62	0.886	22.5	0.838	0.38	43.5	193	88	390	2.598	66	2.264	57.5
GE30AW	1.181	30	2.953	75	1.024	26	1.433	0.65	57	255	115	510	3.150	80	2.717	69
GE35AW	1.378	35	3.543	90	1.102	28	2.205	1	88	390	175	780	3.858	98	3.307	84
GE40AW	1.575	40	4.134	105	1.260	32	3.528	1.6	126	560	250	1120	4.488	114	3.858	98
GE45AW	1.772	45	4.724	120	1.437	36.5	5.292	2.4	165	735	330	1460	5.118	130	4.409	112
GE50AW	1.969	50	5.118	130	1.673	42.5	7.277	3.3	220	980	440	1960	5.512	140	4.823	122.5
GE60AW	2.362	60	5.906	150	1.772	45	9.923	4.5	247	1100	495	2200	6.299	160	5.512	140
GE70AW	2.756	70	6.299	160	1.969	50	12.13	5.5	270	1200	540	2400	6.693	170	5.886	149.5
GE80AW	3.150	80	7.087	180	1.969	50	15.44	7	350	1560	700	3100	7.638	194	6.614	168
GE100AW	3.937	100	8.268	210	2.323	59	23.15	10.5	405	1800	810	3600	8.661	220	7.697	195.5
GE120AW	4.724	120	9.055	230	2.520	64	28.67	13	420	1860	840	3750	9.646	245	8.425	214
GE140AW	5.512	140	10.236	260	2.835	72	39.69	18	550	2450	1100	4900	10.709	272	9.606	244
GE160AW	6.299	160	11.417	290	3.032	77	50.72	23	640	2850	1280	5700	12.205	310	10.709	272
GE180AW	7.087	180	12.598	320	3.386	86	68.36	31	720	3200	1440	6400	13.189	335	11.811	300
GE200AW	7.874	200	13.386	340	3.425	87	74.97	34	800	3550	1600	7100	14.095	358	12.638	321
GE220AW	8.661	220	14.567	370	3.819	97	98.12	44.5	990	4400	1980	8800	15.276	388	13.780	350
GE240AW	9.449	240	15.748	400	4.055	103	121.28	55	1170	5200	2340	10400	16.535	420	15.039	382
GE260AW	10.236	260	16.929	430	4.528	115	152.15	69	1210	5400	2430	10800	17.677	449	16.102	409
GE280AW	11.024	280	18.110	460	4.331	110	180.81	82	1910	8500	3800	17000	18.898	480	17.520	445
GE300AW	11.811	300	18.898	480	4.331	110	191.84	87	1940	8650	3900	17300	19.291	490	18.110	460
GE320AW	12.598	320	20.472	520	4.567	116	240.35	109	2380	10600	4750	21200	21.260	540	19.685	500
GE340AW	13.386	340	21.260	540	4.567	116	251.37	114	2650	11800	5300	23600	21.654	550	20.079	510
GE360AW	14.173	360	22.047	560	4.921	125	284.45	129	2850	12700	5700	25500	22.638	575	21.063	535



Edges Axial Spherical Plain Bearings

GE..AW SERIES

- Sliding contact surfaces: hard chromium/PTFE



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 (800)523-6572.

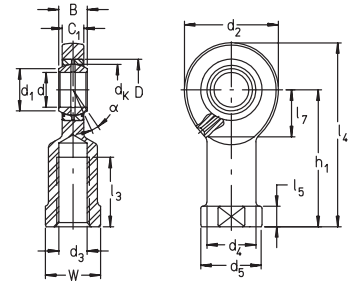
d ₃ inch	d ₃ mm	D ₁ inch	D ₁ mm	B inch	B mm	C inch	C mm	s inch	s mm	ALPHA deg	d _a inch	d _a mm	D _a min. inch	D _a min. mm	PART NUMBER
0.827	21	0.650	16.5	0.311	7.9	0.236	6	0.276	7	10	0.827	21	0.728	18.5	GE10AW
0.945	24	0.768	19.5	0.366	9.3	0.354	9	0.315	8	9	0.945	24	0.847	21.5	GE12AW
1.142	29	0.945	24	0.421	10.7	0.433	11	0.394	10	7	1.142	29	1.024	26	GE15AW
1.339	34	1.102	28	0.453	11.5	0.453	11.5	0.433	11	6	1.339	34	1.201	30.5	GE17AW
1.575	40	1.319	33.5	0.563	14.3	0.512	13	0.492	12.5	6	1.575	40	1.496	38	GE20AW
1.772	45	1.358	34.5	0.630	16	0.669	17	0.551	14	7	1.772	45	1.535	39	GE25AW
2.205	56	1.732	44	0.709	18	0.768	19.5	0.689	17.5	6	2.205	56	1.929	49	GE30AW
2.598	66	2.047	52	0.866	22	0.787	20	0.866	22	6	2.598	66	2.244	57	GE35AW
3.071	78	2.323	59	1.063	27	0.866	22	0.965	24.5	6	3.071	78	2.520	64	GE40AW
3.504	89	2.677	68	1.221	31	0.984	25	1.083	27.5	6	3.504	89	2.913	74	GE45AW
3.858	98	2.717	69	1.319	33.5	1.260	32	1.181	30	5	3.858	98	2.953	75	GE50AW
4.252	108	3.386	86	1.457	37	1.299	33	1.378	35	7	4.252	108	3.622	92	GE60AW
4.764	121	3.740	95	1.575	40	1.417	36	1.378	35	6	4.764	121	4.016	102	GE70AW
5.118	130	4.252	108	1.654	42	1.417	36	1.673	42.5	6	5.118	130	4.528	115	GE80AW
6.102	155	5.236	133	1.969	50	1.654	42	1.772	45	7	6.102	155	5.551	141	GE100AW
6.693	170	6.063	154	2.047	52	1.772	45	2.067	52.5	8	6.693	170	6.378	162	GE120AW
7.795	198	6.929	176	2.402	61	1.969	50	2.067	52.5	6	7.795	198	7.362	187	GE140AW
8.386	213	7.835	199	2.559	65	2.047	52	2.559	65	7	8.386	213	8.307	211	GE160AW
9.449	240	8.819	224	2.756	70	2.362	60	2.658	67.5	8	9.449	240	9.291	236	GE180AW
10.433	265	9.685	246	2.913	74	2.362	60	2.756	70	8	10.433	265	10.197	259	GE200AW
11.378	289	10.433	265	3.228	82	2.638	67	2.953	75	7	11.378	289	10.984	279	GE220AW
12.362	314	11.575	294	3.425	87	2.874	73	3.051	77.5	6	12.362	314	12.165	309	GE240AW
13.228	336	12.480	317	3.740	95	3.150	80	3.248	82.5	7	13.228	336	13.071	332	GE260AW
14.409	366	13.268	337	3.937	100	3.347	85	3.150	80	4	14.409	366	13.976	355	GE280AW
15.276	388	14.016	356	3.937	100	3.543	90	3.150	80	3.5	15.276	388	14.764	375	GE300AW
15.945	405	14.961	380	4.134	105	3.583	91	3.740	95	4	15.945	405	15.827	402	GE320AW
17.008	432	14.961	380	4.134	105	3.583	91	3.740	95	4	17.008	432	15.827	402	GE340AW
17.795	452	15.748	400	4.528	115	3.740	95	3.740	95	4	17.795	452	16.614	422	GE360AW



Elges Rod Ends

GIR..DO, GIR..DO-2RS SERIES

- Metric
- DIN 648, dimension series E Form B – ISO 6126
- Sliding contact surfaces: steel/steel
- Left hand thread is available on shank, order by replacing "R" with "L"
- Internal thread



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃
GIR6DO	0.236	6	0.551	14	0.236	6	760	3.4	1830	8.15	0.046	0.021	0.394	10	0.315	8	0.827	21	M6
GIR8DO	0.315	8	0.630	16	0.315	8	1240	5.5	2900	12.9	0.086	0.039	0.512	13	0.402	10.2	0.945	24	M8
GIR10DO	0.394	10	0.748	19	0.354	9	1830	8.15	3950	17.6	0.135	0.061	0.630	16	0.520	13.2	1.142	29	M10
GIR12DO	0.472	12	0.866	22	0.394	10	2430	10.8	5500	24.5	0.212	0.096	0.709	18	0.587	14.9	1.339	34	M12
GIR15DO	0.591	15	1.024	26	0.472	12	3800	17	8100	36	0.397	0.18	0.866	22	0.724	18.4	1.575	40	M14
GIR17DO	0.669	17	1.181	30	0.551	14	4750	21.2	10100	45	0.485	0.22	0.984	25	0.815	20.7	1.811	46	M16
GIR20DO	0.787	20	1.378	35	0.630	16	6700	30	13500	60	0.772	0.35	1.142	29	0.949	24.1	2.087	53	M20X1.5
GIR25DO2RS	0.984	25	1.654	42	0.787	20	10600	47	18700	83	1.411	0.64	1.398	35.5	1.154	29.3	2.520	64	M24X2
GIR30DO2RS	1.181	30	1.850	47	0.866	22	13900	62	24700	110	2.051	0.93	1.602	40.7	1.347	34.2	2.874	73	M30X2
GIR35DO2RS	1.378	35	2.165	55	0.984	25	18000	80	33000	146	2.867	1.3	1.850	47	1.563	39.7	3.228	82	M36X3
GIR40DO2RS	1.575	40	2.441	62	1.102	28	22500	100	40500	180	4.41	2	2.087	53	1.772	45	3.622	92	M39X3
GIR45DO2RS	1.772	45	2.677	68	1.260	32	28500	127	54000	240	5.513	2.5	2.362	60	1.996	50.7	4.016	102	M42X3
GIR50DO2RS	1.969	50	2.953	75	1.378	35	35000	156	65000	290	7.718	3.5	2.598	66	2.201	55.9	4.409	112	M45X3
GIR60DO2RS	2.362	60	3.543	90	1.732	44	55000	245	101000	450	12.13	5.5	3.150	80	2.630	66.8	5.315	135	M52X3
GIR70DO2RS	2.756	70	4.134	105	1.929	49	71000	315	137000	610	18.96	8.6	3.622	92	3.063	77.8	6.299	160	M56X4
GIR80DO2RS	3.150	80	4.724	120	2.165	55	90000	400	169000	750	26.46	12	4.134	105	3.520	89.4	7.087	180	M64X4

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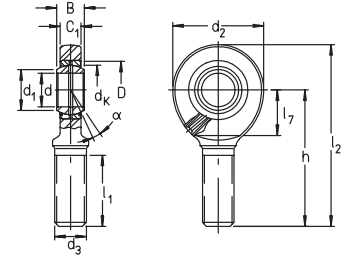
PART NUMBER	d ₄ inch	d ₄ mm	h ₁ inch	h ₁ mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₃ inch	l ₃ mm	l ₄ inch	l ₄ mm	l ₅ inch	l ₅ mm	l ₇ inch	l ₇ mm	d ₅ inch	d ₅ mm	W inch	W mm
GIR6DO	0.394	10	1.181	30	0.173	4.4	13	0.433	11	1.595	40.5	0.197	5	0.472	12	0.512	13	0.433	11
GIR8DO	0.492	12.5	1.417	36	0.236	6	15	0.591	15	1.890	48	0.197	5	0.551	14	0.630	16	0.551	14
GIR10DO	0.591	15	1.693	43	0.276	7	12	0.787	20	2.264	57.5	0.256	6.5	0.591	15	0.748	19	0.669	17
GIR12DO	0.689	17.5	1.969	50	0.315	8	11	0.906	23	2.638	67	0.256	6.5	0.709	18	0.866	22	0.748	19
GIR15DO	0.827	21	2.402	61	0.394	10	8	1.181	30	3.189	81	0.315	8	0.787	20	1.024	26	0.866	22
GIR17DO	0.945	24	2.638	67	0.433	11	10	1.339	34	3.543	90	0.394	10	0.906	23	1.181	30	1.063	27
GIR20DO	1.083	27.5	3.032	77	0.512	13	9	1.575	40	4.075	103.5	0.394	10	1.063	27	1.378	35	1.260	32
GIR25DO2RS	1.319	33.5	3.701	94	0.669	17	7	1.890	48	4.961	126	0.472	12	1.260	32	1.654	42	1.417	36
GIR30DO2RS	1.575	40	4.331	110	0.748	19	6	2.205	56	5.768	146.5	0.591	15	1.457	37	1.969	50	1.614	41
GIR35DO2RS	1.850	47	4.921	125	0.827	21	6	2.362	60	6.535	166	0.591	15	1.654	42	2.284	58	1.969	50
GIR40DO2RS	2.047	52	5.591	142	0.906	23	7	2.559	65	7.402	188	0.709	18	1.890	48	2.559	65	2.165	55
GIR45DO2RS	2.284	58	5.709	145	1.063	27	7	2.559	65	7.717	196	0.787	20	2.047	52	2.756	70	2.362	60
GIR50DO2RS	2.441	62	6.299	160	1.181	30	6	2.677	68	8.504	216	0.787	20	2.362	60	2.953	75	2.559	65
GIR60DO2RS	2.756	70	6.890	175	1.496	38	6	2.756	70	9.547	242.5	0.787	20	2.953	75	3.465	88	2.953	75
GIR70DO2RS	3.150	80	7.874	200	1.654	42	6	3.150	80	11.024	280	0.787	20	3.425	87	3.858	98	3.347	85
GIR80DO2RS	3.740	95	9.055	230	1.850	47	6	3.347	85	12.598	320	0.984	25	3.937	100	4.331	110	3.937	100



Elges Rod Ends

GAR..DO, GAR..DO-2RS SERIES

- Metric
- DIN 648, dimension series E Form A – ISO 6126
- Sliding contact surfaces: steel/steel
- Left hand thread is available on shank, order by replacing “R” with “L”
- External thread



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm
GAR6DO	0.236	6	0.551	14	0.236	6	760	3.4	1830	8.15	0.037	0.017	0.394	10	0.315	8
GAR8DO	0.315	8	0.630	16	0.315	8	1240	5.5	2900	12.9	0.064	0.029	0.512	13	0.402	10.2
GAR10DO	0.394	10	0.748	19	0.354	9	1830	8.15	3950	17.6	0.112	0.051	0.630	16	0.520	13.2
GAR12DO	0.472	12	0.866	22	0.394	10	2430	10.8	5500	24.5	0.19	0.086	0.709	18	0.587	14.9
GAR15DO	0.591	15	1.024	26	0.472	12	3800	17	8100	36	0.309	0.14	0.866	22	0.724	18.4
GAR17DO	0.669	17	1.181	30	0.551	14	4750	21.2	10100	45	0.419	0.19	0.984	25	0.815	20.7
GAR20DO2RS	0.787	20	1.378	35	0.630	16	6700	30	13500	60	0.684	0.31	1.142	29	0.949	24.1
GAR25DO2RS	0.984	25	1.654	42	0.787	20	10800	48	18700	83	1.235	0.56	1.398	35.5	1.154	29.3
GAR30DO2RS	1.181	30	1.850	47	0.866	22	13900	62	24700	110	1.962	0.89	1.602	40.7	1.347	34.2
GAR35DO2RS	1.378	35	2.165	55	0.984	25	18000	80	33000	146	3.087	1.4	1.850	47	1.563	39.7
GAR40DO2RS	1.575	40	2.441	62	1.102	28	22500	100	40500	180	3.969	1.8	2.087	53	1.772	45
GAR45DO2RS	1.772	45	2.677	68	1.260	32	28500	127	54000	240	5.733	2.6	2.362	60	1.996	50.7
GAR50DO2RS	1.969	50	2.953	75	1.378	35	35000	156	65000	290	7.497	3.4	2.598	66	2.201	55.9
GAR60DO2RS	2.362	60	3.543	90	1.732	44	55000	245	101000	450	13.01	5.9	3.150	80	2.630	66.8
GAR70DO2RS	2.756	70	4.134	105	1.929	49	71000	315	137000	610	18.08	8.2	3.622	92	3.063	77.8
GAR80DO2RS	3.150	80	4.724	120	2.165	55	90000	400	169000	750	26.46	12	4.134	105	3.520	89.4

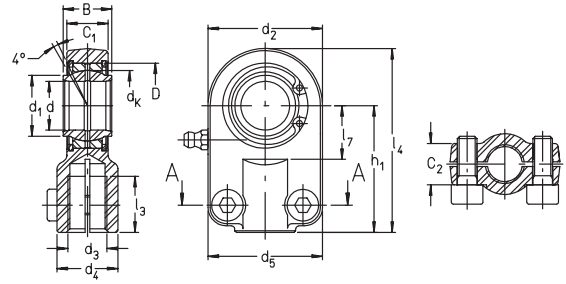
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PART NUMBER	d ₂ inch	d ₂ mm	d ₃	h inch	h mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₁ inch	l ₁ mm	l ₂ inch	l ₂ mm	l ₇ inch	l ₇ mm
GAR6DO	0.827	21	M6	1.417	36	0.173	4.4	13	0.709	18	1.8307	46.5	0.472	12
GAR8DO	0.945	24	M8	1.654	42	0.236	6	15	0.866	22	2.126	54	0.551	14
GAR10DO	1.142	29	M10	1.890	48	0.276	7	12	1.024	26	2.4606	62.5	0.591	15
GAR12DO	1.339	34	M12	2.126	54	0.315	8	11	1.102	28	2.7953	71	0.709	18
GAR15DO	1.575	40	M14	2.480	63	0.394	10	8	1.339	34	3.2677	83	0.787	20
GAR17DO	1.811	46	M16	2.717	69	0.433	11	10	1.417	36	3.622	92	0.906	23
GAR20DO2RS	2.087	53	M20X1.5	3.071	78	0.512	13	9	1.693	43	4.1142	104.5	1.063	27
GAR25DO2RS	2.520	64	M24X2	3.701	94	0.669	17	7	2.087	53	16.7717	426	1.260	32
GAR30DO2RS	2.874	73	M30X2	4.331	110	0.748	19	6	2.559	65	5.7677	146.5	1.457	37
GAR35DO2RS	3.228	82	M36X3	5.512	140	0.827	21	6	3.228	82	7.126	181	1.654	42
GAR40DO2RS	3.622	92	M39X3	5.906	150	0.906	23	7	3.386	86	7.7165	196	1.890	48
GAR45DO2RS	4.016	102	M42X3	6.417	163	1.063	27	7	3.701	94	8.4252	214	2.047	52
GAR50DO2RS	4.409	112	M45X3	7.284	185	1.181	30	6	4.213	107	9.4882	241	2.362	60
GAR60DO2RS	5.315	135	M52X3	8.268	210	1.496	38	6	4.528	115	10.9252	277.5	2.953	75
GAR70DO2RS	6.299	160	M56X4	9.252	235	1.654	42	6	4.921	125	12.4016	315	3.307	84
GAR80DO2RS	7.087	180	M64X4	10.630	270	1.850	47	6	5.512	140	14.1732	360	3.937	100

Elges Hydraulic Rod Ends

GIHNK..LO SERIES

- DIN 24338 – ISO 6982 series
- Sliding contact surfaces: steel/steel
- With thread clamping screws



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃
GIHNK 12 LO	0.472	12	0.866	22	0.472	12	2,430	10.8	5,500	24.5	0.221	0.1	0.709	18	0.610	15.5	1.260	32	M12X1.25
GIHNK 16 LO	0.630	16	1.102	28	0.630	16	3,950	17.6	8,200	36.5	0.441	0.2	0.906	23	0.787	20	1.575	40	M14X1.5
GIHNK 20 LO	0.787	20	1.378	35	0.787	20	6,700	30	10,800	48	0.882	0.4	1.142	29	0.984	25	1.850	47	M16X1.5
GIHNK 25 LO	0.984	25	1.654	42	0.984	25	10,800	48	17,500	78	1.455	0.66	1.398	35.5	1.201	30.5	2.284	58	M20X1.5
GIHNK 32 LO	1.260	32	2.047	52	1.260	32	15,100	67	25,500	114	2.646	1.2	1.732	44	1.496	38	2.756	70	M27X2
GIHNK 40 LO	1.575	40	2.441	62	1.575	40	22,500	100	46,000	204	4.631	2.1	2.087	53	1.811	46	3.504	89	M33X2
GIHNK 50 LO	1.969	50	2.953	75	1.969	50	35,000	156	70,000	310	9.702	4.4	2.598	66	2.244	57	4.252	108	M42X2
GIHNK 63 LO	2.480	63	3.740	95	2.480	63	57,000	255	97,000	430	16.76	7.6	3.268	83	2.815	71.5	5.197	132	M48X2
GIHNK 70 LO	2.756	70	4.134	105	2.756	70	71,000	315	121,000	540	20.95	9.5	3.622	92	3.110	79	6.102	155	M56X2
GIHNK 80 LO	3.150	80	4.724	120	3.150	80	90,000	400	156,000	695	31.97	14.5	4.134	105	3.583	91	6.614	168	M64X3
GIHNK 90 LO	3.543	90	5.118	130	3.543	90	110,000	490	169,000	750	37.49	17	4.528	115	3.898	99	7.284	185	M72X3
GIHNK 100 LO	3.937	100	5.906	150	3.937	100	137,000	610	238,000	1060	61.74	28	5.118	130	4.449	113	8.268	210	M80X3
GIHNK 110 LO	4.331	110	6.299	160	4.331	110	147,000	655	270,000	1200	70.56	32	5.512	140	4.882	124	9.252	235	M90X3
GIHNK 125 LO	4.921	125	7.087	180	4.921	125	214,000	950	320,000	1430	94.82	43	6.299	160	5.433	138	10.315	262	M100X3
GIHNK 160 LO	6.299	160	9.055	230	6.299	160	310,000	1370	495,000	2200	176.40	80	7.874	200	6.969	177	12.835	326	M125X4
GIHNK 200 LO	7.874	200	11.417	290	7.874	200	475,000	2120	820,000	3650	363.83	165	9.843	250	8.701	221	16.457	418	M160X4

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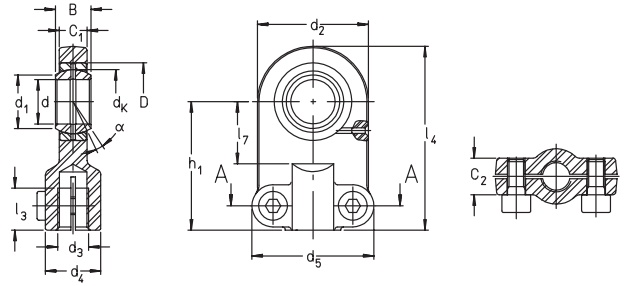
PART NUMBER	d ₄ inch	d ₄ mm	h ₁ inch	h ₁ mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₃ inch	l ₃ mm	l ₄ inch	l ₄ mm	l ₇ inch	l ₇ mm	d ₅ inch	d ₅ mm	C ₂ inch	C ₂ mm	CLAMP BOLT	TORQUE Nm
GIHNK 12 LO	0.650	16.5	1.496	38	0.417	10.6	4	0.669	17	2.126	54	0.551	14	1.260	32	0.417	10.6	M5X12	8
GIHNK 16 LO	0.827	21	1.732	44	0.512	13	4	0.709	18	2.520	64	0.709	18	1.575	40	0.512	13	M6X16	13
GIHNK 20 LO	0.984	25	2.047	52	0.669	17	4	0.906	23	2.961	75.2	0.866	22	1.850	47	0.669	17	M8X20	32
GIHNK 25 LO	1.181	30	2.559	65	0.827	21	4	1.142	29	3.701	94	1.063	27	2.126	54	0.669	17	M8X20	32
GIHNK 32 LO	1.496	38	3.150	80	1.063	27	4	1.457	37	4.528	115	1.260	32	2.598	66	0.866	22	M10X25	64
GIHNK 40 LO	1.850	47	3.819	97	1.260	32	4	1.811	46	5.571	141.5	1.614	41	3.150	80	1.024	26	M10X25	64
GIHNK 50 LO	2.284	58	4.724	120	1.575	40	4	2.244	57	6.850	174	1.969	50	3.780	96	1.260	32	M12X30	110
GIHNK 63 LO	2.756	70	5.512	140	2.047	52	4	2.520	64	8.307	211	2.441	62	4.488	114	1.496	38	M12X35	80
GIHNK 70 LO	3.150	80	6.299	160	2.244	57	4	2.992	76	9.646	245	2.756	70	5.315	135	1.654	42	M16X40	195
GIHNK 80 LO	3.543	90	7.087	180	2.598	66	4	3.386	86	10.630	270	3.071	78	5.827	148	1.890	48	M16X45	195
GIHNK 90 LO	3.937	100	7.677	195	2.835	72	4	3.583	91	11.654	296	3.347	85	6.299	160	2.047	52	M16X50	195
GIHNK 100 LO	4.331	110	8.268	210	3.307	84	4	3.780	96	12.677	322	3.858	98	7.008	178	2.441	62	M20X60	385
GIHNK 110 LO	4.921	125	9.252	235	3.465	88	4	4.173	106	14.331	364	4.134	105	7.480	190	2.441	62	M20X60	385
GIHNK 125 LO	5.315	135	10.236	260	4.016	102	4	4.449	113	15.945	405	4.724	120	7.874	200	2.835	72	M20X70	385
GIHNK 160 LO	6.496	165	12.205	310	5.118	130	4	4.961	126	19.213	488	5.906	150	9.843	250	3.228	82	M24X80	660
GIHNK 200 LO	8.465	215	15.354	390	6.378	162	4	6.339	161	24.409	620	7.677	195	12.598	320	4.016	102	M30X100	1350



Elges Hydraulic Rod Ends

GIHOK..DO SERIES

- DIN 24 555 series
- Spherical plain bearing to DIN 648
- Sliding contact surfaces: steel/steel
- With thread clamping screws



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃
GIHO K 12 DO	0.472	12	0.866	22	0.394	10	2430	10.8	3800	17	0.331	0.15	0.709	18	0.591	15	1.260	32	M10X1.25
GIHO K 16 DO	0.630	16	1.181	30	0.551	14	4750	21.1	6400	28.5	0.551	0.25	0.984	25	0.787	20	1.654	42	M12X1.25
GIHO K 20 DO	0.787	20	1.378	35	0.630	16	6700	30	9600	42.5	0.948	0.43	1.142	29	0.945	24	1.969	50	M14X1.5
GIHO K 25 DO	0.984	25	1.654	42	0.787	20	10800	48	21800	97	1.61	0.73	1.398	35.5	1.142	29	1.654	42	M16X1.5
GIHO K 30 DO	1.181	30	1.850	47	0.866	22	13900	62	24300	108	2.867	1.3	1.602	40.7	1.339	34	2.992	76	M20X1.5
GIHO K 40 DO	1.575	40	2.441	62	1.102	28	22500	100	35000	156	5.072	2.3	2.087	53	1.772	45	3.780	96	M27X2
GIHO K 50 DO	1.969	50	2.953	75	1.378	35	35000	156	55000	245	9.702	4.4	2.598	66	2.165	55	4.567	116	M33X2

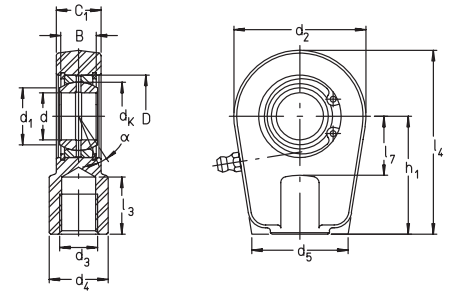
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PART NUMBER	d ₄ inch	d ₄ mm	h ₁ inch	h ₁ mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₃ inch	l ₃ mm	l ₄ inch	l ₄ mm	l ₇ inch	l ₇ mm	d ₅ inch	d ₅ mm	C ₂ inch	C ₂ mm	CLAMP BOLT	TORQUE Nm
GIHO K 12 DO	0.669	17	1.654	42	0.315	8	3	0.591	15	2.284	58	0.709	18	1.575	40	0.512	13	M6	9.5
GIHO K 16 DO	0.827	21	1.890	48	0.433	11	3	0.669	17	2.717	69	0.866	22	1.772	45	0.512	13	M6	9.5
GIHO K 20 DO	0.984	25	2.284	58	0.512	13	3	0.748	19	3.268	83	1.102	28	2.165	55	0.669	17	M8	23
GIHO K 25 DO	1.181	30	2.677	68	0.669	17	3	0.906	23	3.898	99	1.339	34	2.441	62			M8	23
GIHO K 30 DO	1.417	36	3.347	85	0.748	19	3	1.142	29	4.843	123	1.496	38	3.150	80			M10	46
GIHO K 40 DO	1.772	45	4.134	105	0.906	23	3	1.457	37	6.024	153	1.890	48	3.543	90			M10	46
GIHO K 50 DO	2.165	55	5.118	130	1.181	30	3	1.811	46	7.402	188	2.441	62	4.134	105			M12	80

Elges Hydraulic Rod Ends

GIHR..DO SERIES

- Sliding contact surfaces: steel/steel
- Rod ends with clamping threaded socket are prefix GIRH-K and the bolts and tightening torques are shown.



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 (800)523-6572.

PART NUMBER	d	d	D	D	B	B	C	C	C ₀	C ₀	WGT.	WGT.	d _k	d _k	d ₁	d ₁	d ₂	d ₂
	inch	mm	inch	mm	inch	mm	lbf	kN	lbf	kN	lbs	kg	inch	mm	inch	mm	inch	mm
GIHR 20 DO	0.787	20	1.378	35	0.630	16	6700	30	16200	72	0.948	0.43	1.142	29	0.949	24.1	2.205	56
GIHR 25 DO	0.984	25	1.654	42	0.787	20	10800	48	16200	72	1.058	0.48	1.398	35.5	1.154	29.3	2.205	56
GIHR 30 DO	1.181	30	1.850	47	0.866	22	13900	62	23800	106	1.632	0.74	1.602	40.7	1.347	34.2	2.520	64
GIHR 35 DO	1.378	35	2.165	55	0.984	25	18000	80	34500	153	2.646	1.2	1.850	47	1.563	39.7	3.071	78
GIHR 40 DO	1.575	40	2.441	62	1.102	28	22500	100	56000	250	4.41	2	2.087	53	1.772	45	3.701	94
GIHR 50 DO	1.969	50	2.953	75	1.378	35	35000	156	82000	365	8.379	3.8	2.598	66	2.201	55.9	4.567	116
GIHR 60 DO	2.362	60	3.543	90	1.732	44	55000	245	90000	400	11.91	5.4	3.150	80	2.630	66.8	5.118	130
GIHR 70 DO	2.756	70	4.134	105	1.929	49	71000	315	121000	540	18.74	8.5	3.622	92	3.063	77.8	6.063	154
GIHR 80 DO	3.150	80	4.724	120	2.165	55	90000	400	151000	670	26.46	12	4.134	105	3.520	89.4	6.929	176
GIHR 90 DO	3.543	90	5.118	130	2.362	60	110000	490	220000	980	47.41	21.5	4.528	115	3.862	98.1	8.110	206
GIHR 100 DO	3.937	100	5.906	150	2.756	70	137000	610	250000	1120	60.64	27.5	5.118	130	4.311	109.5	9.055	230
GIHR 110 DO	4.331	110	6.299	160	2.756	70	147000	655	380000	1700	89.30	40.5	5.512	140	4.772	121.2	10.433	265
GIHR 120 DO	4.724	120	7.087	180	3.347	85	214000	950	650000	2900	167.58	76	6.299	160	5.335	135.5	13.386	340

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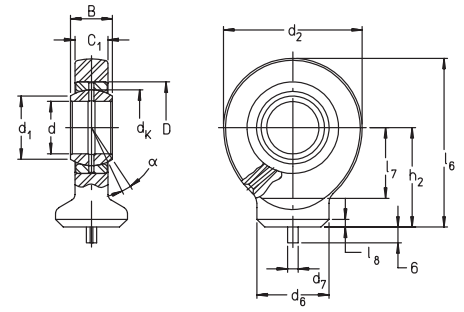
PART NUMBER	d ₃	d ₄	d ₄	h ₁	h ₁	ALPHA	l ₃	l ₃	l ₄	l ₄	l ₇	l ₇	d ₅	d ₅	C ₁	C ₁	GIHR-K BOLTS	GIHR-K TORQUE Nm
		inch	mm	inch	mm	deg	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm		
GIHR 20 DO	M16X1.5	0.984	25	1.969	50	9	0.669	17	3.0709	78	0.984	25	1.614	41	0.748	19	M8X20	32
GIHR 25 DO	M16X1.5	0.984	25	1.969	50	7	0.669	17	3.071	78	0.984	25	1.614	41	0.906	23	M8X25	32
GIHR 30 DO	M22X1.5	1.260	32	2.362	60	6	0.906	23	3.622	92	1.181	30	1.811	46	1.102	28	M8X25	32
GIHR 35 DO	M28X1.5	1.575	40	2.756	70	6	1.142	29	4.291	109	1.496	38	2.284	58	1.181	30	M10X30	64
GIHR 40 DO	M35X1.5	1.929	49	3.347	85	7	1.417	36	5.197	132	1.772	45	2.598	66	1.378	35	M10X35	64
GIHR 50 DO	M45X1.5	2.402	61	4.134	105	6	1.811	46	6.417	163	2.165	55	3.465	88	1.575	40	M12X35	110
GIHR 60 DO	M58X1.5	2.953	75	5.118	130	6	2.323	59	7.874	200	2.559	65	3.543	90	1.969	50	M10X45	46
GIHR 70 DO	M65X1.5	3.386	86	5.906	150	6	2.598	66	9.134	232	2.953	75	3.937	100	2.165	55	M12X50	80
GIHR 80 DO	M80X2	4.016	102	6.693	170	6	3.189	81	10.433	265	3.150	80	4.921	125	2.362	60	M16X50	195
GIHR 90 DO	M100X2	4.882	124	8.268	210	5	3.976	101	12.717	323	3.543	90	5.748	146	2.559	65	M16X60	195
GIHR 100 DO	M110X2	5.433	138	9.252	235	7	4.370	111	14.173	360	4.134	105	6.535	166	2.756	70	M20X60	385
GIHR 110 DO	M120X3	5.984	152	10.433	265	6	4.921	125	16.043	407.5	4.528	115	7.480	190	3.150	80	M20X70	385
GIHR 120 DO	M130X3	6.772	172	12.205	310	6	5.315	135	19.291	490	5.512	140	8.543	217	3.543	90	M24X80	660



Elges Hydraulic Rod Ends

GK..DO SERIES

- DIN 648, dimension series E
- Sliding contact surfaces: steel/steel



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm
GK 10 DO	0.394	10	0.748	19	0.354	9	1,830	8.15	3,500	15.6	0.09	0.041	0.630	16	0.520	13.2
GK 12 DO	0.472	12	0.866	22	0.394	10	2,430	10.8	4,850	21.6	0.146	0.066	0.709	18	0.587	14.9
GK 15 DO	0.591	15	1.024	26	0.472	12	3,800	17	7,200	32	0.265	0.12	0.866	22	0.724	18.4
GK 17 DO	0.669	17	1.181	30	0.551	14	4,750	21.2	9,000	40	0.353	0.16	0.984	25	0.815	20.7
GK 20 DO	0.787	20	1.378	35	0.630	16	6,700	30	14,600	65	0.507	0.23	1.142	29	0.949	24.1
GK 25 DO	0.984	25	1.654	42	0.787	20	10,800	48	16,200	72	0.948	0.43	1.398	35.5	1.154	29.3
GK 30 DO	1.181	30	1.850	47	0.866	22	13,900	62	21,400	95	1.411	0.64	1.602	40.7	1.347	34.2
GK 35 DO	1.378	35	2.165	55	0.984	25	18,000	80	28,000	125	2.117	0.96	1.850	47	1.563	39.7
GK 40 DO	1.575	40	2.441	62	1.102	28	22,500	100	35,000	156	2.867	1.3	2.087	53	1.772	45
GK 45 DO	1.772	45	2.677	68	1.260	32	28,500	127	47,000	208	3.969	1.8	2.362	60	1.996	50.7
GK 50 DO	1.969	50	2.953	75	1.378	35	35,000	156	56,000	250	5.513	2.5	2.598	66	2.201	55.9
GK 60 DO	2.362	60	3.543	90	1.732	44	55,000	245	88,000	390	8.6	3.9	3.150	80	2.630	66.8
GK 70 DO	2.756	70	4.134	105	1.929	49	71,000	315	115,000	510	14.553	6.6	3.622	92	3.063	77.8
GK 80 DO	3.150	80	4.724	120	2.165	55	90,000	400	139,000	620	19.184	8.7	4.134	105	3.520	89.4

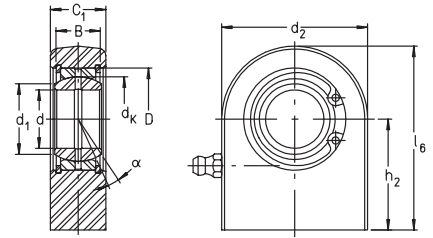
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PART NUMBER	d ₂ inch	d ₂ mm	d ₆ inch	d ₆ mm	h ₂ inch	h ₂ mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₆ inch	l ₆ mm	l ₇ inch	l ₇ mm	l ₈ inch	l ₈ mm	d ₇ inch	d ₇ mm
GK 10 DO	1.142	29	0.591	15	0.945	24	0.276	7	12	1.516	38.5	0.591	15	0.079	2	0.118	3
GK 12 DO	1.339	34	0.689	17.5	1.063	27	0.315	8	11	1.732	44	0.709	18	0.079	2	0.118	3
GK 15 DO	1.575	40	0.827	21	1.221	31	0.394	10	8	2.008	51	0.787	20	0.098	2.5	0.158	4
GK 17 DO	1.811	46	0.945	24	1.378	35	0.433	11	10	2.284	58	0.906	23	0.118	3	0.158	4
GK 20 DO	2.087	53	1.083	27.5	1.496	38	0.512	13	9	2.539	64.5	1.063	27	0.118	3	0.158	4
GK 25 DO	2.520	64	1.319	33.5	1.772	45	0.669	17	7	3.032	77	1.260	32	0.158	4	0.158	4
GK 30 DO	2.874	73	1.575	40	2.008	51	0.748	19	6	3.445	87.5	1.457	37	0.158	4	0.158	4
GK 35 DO	3.228	82	1.850	47	2.402	61	0.827	21	6	4.016	102	1.654	42	0.158	4	0.158	4
GK 40 DO	3.622	92	2.047	52	2.717	69	0.906	23	7	4.528	115	1.890	48	0.197	5	0.158	4
GK 45 DO	4.016	102	2.284	58	3.032	77	1.063	27	7	5.039	128	2.047	52	0.197	5	0.236	6
GK 50 DO	4.409	112	2.441	62	3.465	88	1.181	30	6	5.669	144	2.362	60	0.236	6	0.236	6
GK 60 DO	5.315	135	2.756	70	3.937	100	1.496	38	6	6.595	167.5	2.953	75	0.315	8	0.236	6
GK 70 DO	6.299	160	3.150	80	4.528	115	1.654	42	6	7.677	195	3.425	87	0.394	10	0.236	6
GK 80 DO	7.087	180	3.740	95	5.551	141	1.850	47	6	9.095	231	3.937	100	0.394	10	0.236	6

Elges Hydraulic Rod Ends

GF..DO SERIES

- Sliding contact surfaces: steel/steel
- With rectangular face for welding
- Uses spherical bearing to DIN 648, series E



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT kg	d _k inch	d _k mm
GF 20 DO	0.787	20	1.378	35	0.630	16	6,700	30	15,100	67	0.772	0.35	1.142	29
GF 25 DO	0.984	25	1.654	42	0.787	20	10,800	48	15,600	69.5	1.169	0.53	1.398	35.5
GF 30 DO	1.181	30	1.850	47	0.866	22	13,900	62	26,500	118	1.918	0.87	1.602	40.7
GF 35 DO	1.378	35	2.165	55	0.984	25	18,000	80	44,000	196	3.308	1.5	1.850	47
GF 40 DO	1.575	40	2.441	62	1.102	28	22,500	100	67,000	300	5.292	2.4	2.087	53
GF 45 DO	1.772	45	2.677	68	1.260	32	28,500	127	85,000	380	7.497	3.4	2.362	60
GF 50 DO	1.969	50	2.953	75	1.378	35	35,000	156	99,000	440	9.702	4.4	2.598	66
GF 60 DO	2.362	60	3.543	90	1.732	44	55,000	245	128,000	570	15.656	7.1	3.150	80
GF 70 DO	2.756	70	4.134	105	1.929	49	71,000	315	156,000	695	23.153	10.5	3.622	92
GF 80 DO	3.150	80	0.787	20	2.165	55	90,000	400	175,000	780	33.075	15	4.134	105
GF 90 DO	3.543	90	5.118	130	2.362	60	110,000	490	300,000	1340	51.818	23.5	4.528	115
GF 100 DO	3.937	100	5.906	150	2.756	70	137,000	610	335,000	1500	69.458	31.5	5.118	130
GF 110 DO	4.331	110	6.299	160	2.756	70	147,000	655	485,000	2160	105.84	48	5.512	140
GF 120 DO	4.724	120	7.087	180	3.347	85	214,000	950	730,000	3250	174.195	79	6.299	160

CONTINUED FROM ABOVE

PART NUMBER	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	h ₂ inch	h ₂ mm	C ₁ nom. inch	C ₁ nom. mm	C ₁ max. inch	C ₁ max. mm	ALPHA deg	l ₆ inch	l ₆ mm
GF 20 DO	0.949	24.10	1.969	50	1.496	38	0.748	19	0.787	20	9	2.480	63
GF 25 DO	1.154	29.30	2.165	55	1.772	45	0.906	23	0.945	24	7	2.854	72.5
GF 30 DO	1.347	34.20	2.559	65	2.008	51	1.102	28	1.142	29	6	3.287	83.5
GF 35 DO	1.563	39.70	3.268	83	2.402	61	1.181	30	1.221	31	6	4.035	102.5
GF 40 DO	1.772	45.00	3.937	100	2.717	69	1.378	35	1.437	36.5	7	4.685	119
GF 45 DO	1.996	50.70	4.331	110	3.032	77	1.575	40	1.634	41.5	7	5.197	132
GF 50 DO	2.201	55.90	4.843	123	3.465	88	1.575	40	1.634	41.5	6	5.886	149.5
GF 60 DO	2.630	66.80	5.512	140	3.937	100	1.969	50	2.067	52.5	6	6.693	170
GF 70 DO	3.063	77.80	6.457	164	4.528	115	2.165	55	2.284	58	6	7.756	197
GF 80 DO	3.520	89.40	7.087	180	5.551	141	2.362	60	2.480	63	6	9.095	231
GF 90 DO	3.862	98.10	8.898	226	5.906	150	2.559	65	2.717	69	5	10.354	263
GF 100 DO	4.311	109.50	9.843	250	6.693	170	2.756	70	2.913	74	7	11.614	295
GF 110 DO	4.772	121.20	11.614	295	7.284	185	3.150	80	3.347	85	6	13.091	332.5
GF 120 DO	5.335	135.50	14.173	360	8.268	210	3.543	90	3.740	95	6	15.354	390

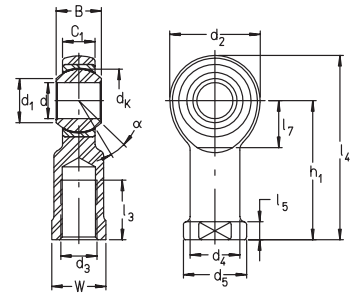


Elges Rod Ends

GIKMR.. SERIES

- DIN 648, dimension series K – ISO 6126
- Sliding contact surfaces: steel/brass
- Internal thread type
- Left hand thread is available on shank, order by replacing “R” with “L”
- Relubricate with funnel type grease nipple

• Replaced by GIKFR..PB 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 (800)523-6572.

PART NUMBER	d inch	d mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃
GIKMR 5	0.197	5	0.315	8	730	3.25	1,280	5.7	0.035	0.016	0.438	11.112	0.303	7.7	0.709	18	M5
GIKMR 6	0.236	6	0.354	9	970	4.3	1,620	7.2	0.049	0.022	0.500	12.7	0.350	8.9	0.787	20	M6
GIKMR 8	0.315	8	0.472	12	1,620	7.2	2,600	11.6	0.104	0.047	0.625	15.875	0.406	10.3	0.945	24	M8
GIKMR 10	0.394	10	0.551	14	2,250	10	3,250	14.5	0.17	0.077	0.750	19.05	0.508	12.9	1.102	28	M10
GIKMR 12	0.472	12	0.630	16	3,000	13.4	3,800	17	0.221	0.1	0.875	22.225	0.606	15.4	1.260	32	M12

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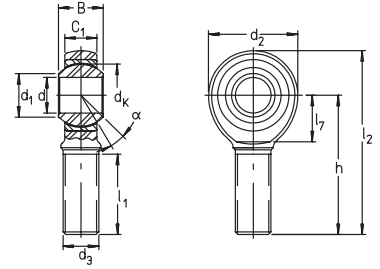
PART NUMBER	d ₄ inch	d ₄ mm	d ₅ inch	d ₅ mm	h ₁ inch	h ₁ mm	C ₁ inch	C ₁ mm	W inch	W mm	ALPHA deg	l ₃ inch	l ₃ mm	l ₄ inch	l ₄ mm	l ₅ inch	l ₅ mm	l ₇ inch	l ₇ mm
GIKMR 5	0.335	8.5	0.433	11	1.063	27	0.236	6	0.354	9	13	0.394	10	1.417	36	0.158	4	0.394	10
GIKMR 6	0.394	10	0.512	13	1.181	30	0.266	6.75	0.433	11	13	0.472	12	1.575	40	0.197	5	0.433	11
GIKMR 8	0.492	12.5	0.630	16	1.417	36	0.354	9	0.512	13	13	0.630	16	1.890	48	0.197	5	0.512	13
GIKMR 10	0.591	15	0.748	19	1.693	43	0.413	10.5	0.669	17	13	0.787	20	2.244	57	0.256	6.5	0.591	15
GIKMR 12	0.689	17.5	0.866	22	1.969	50	0.472	12	0.748	19	13	0.866	22	2.598	66	0.256	6.5	0.669	17



Elges Rod Ends

GAKMR SERIES

- DIN 648, dimension series K – ISO 6126
- Sliding contact surfaces: steel/brass
- External thread
- Left hand thread is available on shank, order by replacing “R” with “L”
- Relubricate with funnel type grease nipple



• Replaced by GAKFR..PB 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 (800)523-6572.

PART NUMBER	d inch	d mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm
GAKMR 5	0.197	5	0.315	8	730	3.25	700	3.1	0.029	0.013	0.438	11.112
GAKMR 6	0.236	6	0.354	9	970	4.3	990	4.4	0.044	0.02	0.500	12.7
GAKMR 8	0.315	8	0.472	12	1,620	7.2	1,800	8	0.084	0.038	0.625	15.875
GAKMR 10	0.394	10	0.551	14	2,250	10	2,900	12.9	0.121	0.055	0.750	19.05
GAKMR 12	0.472	12	0.630	16	3,000	13.4	3,800	17	0.187	0.085	0.875	22.225

CONTINUED FROM ABOVE

PART NUMBER	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃	h inch	h mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₁ inch	l ₁ mm	l ₂ inch	l ₂ mm
GAKMR 5	0.303	7.7	0.709	18	M5	1.299	33	0.236	6	13	0.748	19	1.654	42
GAKMR 6	0.350	8.9	0.787	20	M6	1.417	36	0.266	6.75	13	0.827	21	1.811	46
GAKMR 8	0.406	10.3	0.945	24	M8	1.654	42	0.354	9	13	0.984	25	2.126	54
GAKMR 10	0.508	12.9	1.102	28	M10	1.890	48	0.413	10.5	13	1.102	28	2.441	62
GAKMR 12	0.606	15.4	1.260	32	M12	2.126	54	0.472	12	13	1.260	32	2.756	70



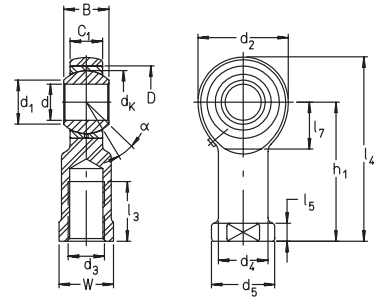
Elges Rod Ends

GIKFR..PB SERIES

- DIN 648, dimension series K – ISO 6126
- Sliding contact surfaces: steel/bronze
- Internal thread type
- Left hand thread is available on shank, order by replacing "R" with "L"
- Relubricate with funnel type grease nipple

• Replaces GIKMR.. 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 (800)523-6572.



PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃
GIKFR 5 PB	0.197	5	0.512	13	0.315	8	730	3.25	1,280	5.7	0.035	0.016	0.4375	11.112	0.303	7.7	0.709	18	M5
GIKFR 6 PB	0.236	6	0.630	16	0.354	9	970	4.3	1,620	7.2	0.049	0.022	0.5	12.7	0.350	8.9	0.787	20	M6
GIKFR 8 PB	0.315	8	0.866	22	0.472	12	1,620	7.2	2,600	11.6	0.104	0.047	0.625	15.875	0.406	10.3	0.945	24	M8
GIKFR 10 PB	0.394	10	1.024	26	0.551	14	2,250	10	3,250	14.5	0.17	0.077	0.75	19.05	0.508	12.9	1.102	28	M10
GIKFR 12 PB	0.472	12	1.260	32	0.630	16	3,000	13.4	3,800	17	0.221	0.1	0.875	22.225	0.606	15.4	1.260	32	M12
GIKFR 14 PB	0.551	14	1.417	36	0.748	19	3,800	17	5,400	24	0.353	0.16	1	25.4	0.661	16.8	1.417	36	M14
GIKFR 16 PB	0.630	16	1.654	42	0.827	21	4,850	21.6	6,400	28.5	0.485	0.22	1.125	28.575	0.760	19.3	1.654	42	M16
GIKFR 18 PB	0.709	18	1.811	46	0.906	23	5,800	26	9,600	42.5	0.706	0.32	1.25	31.75	0.858	21.8	1.811	46	M18X1.5
GIKFR 20 PB	0.787	20	2.007	51	0.984	25	7,100	31.5	9,600	42.5	0.926	0.42	1.375	34.925	0.957	24.3	1.969	50	M20X1.5
GIKFR 22 PB	0.866	22	2.126	54	1.102	28	6,300	28	12,800	57	1.191	0.54	1.5	38.1	1.016	25.8	2.126	54	M22X1.5
GIKFR 25 PB	0.984	25	2.362	60	1.221	31	10,700	47.5	15,300	68	1.61	0.73	1.687	42.85	1.161	29.5	2.362	60	M24X2
GIKFR 30 PB	1.181	30	2.756	70	1.457	37	14,400	64	19,800	88	2.426	1.1	2	50.8	1.370	34.8	2.756	70	M30X2

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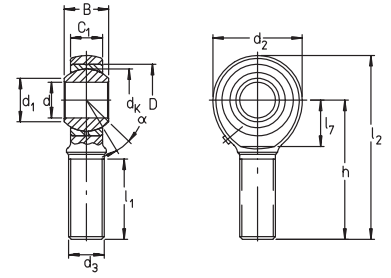
PART NUMBER	d ₄ inch	d ₄ mm	h ₁ inch	h ₁ mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₃ inch	l ₃ mm	l ₄ inch	l ₄ mm	l ₅ inch	l ₅ mm	l ₇ inch	l ₇ mm	d ₅ inch	d ₅ mm	W inch	W mm
GIKFR 5 PB	0.335	8.5	1.063	27	0.236	6	13	0.394	10	1.417	36	0.158	4	0.394	10	0.433	11	0.354	9
GIKFR 6 PB	0.394	10	1.181	30	0.266	6.75	13	0.472	12	1.575	40	0.197	5	0.433	11	0.512	13	0.433	11
GIKFR 8 PB	0.492	12.5	1.417	36	0.354	9	14	0.630	16	1.890	48	0.197	5	0.512	13	0.630	16	0.551	14
GIKFR 10 PB	0.591	15	1.693	43	0.413	10.5	13	0.787	20	2.244	57	0.256	6.5	0.591	15	0.748	19	0.669	17
GIKFR 12 PB	0.689	17.5	1.969	50	0.472	12	13	0.866	22	2.598	66	0.256	6.5	0.669	17	0.866	22	0.748	19
GIKFR 14 PB	0.827	21	2.244	57	0.532	13.5	16	0.984	25	2.953	75	0.315	8	0.709	18	1.024	26	0.866	22
GIKFR 16 PB	0.866	22	2.520	64	0.591	15	15	1.102	28	3.347	85	0.315	8	0.906	23	1.102	28	0.866	22
GIKFR 18 PB	0.984	25	2.795	71	0.650	16.5	15	1.260	32	3.701	94	0.394	10	0.984	25	1.221	31	1.063	27
GIKFR 20 PB	1.083	27.5	3.032	77	0.709	18	14	1.299	33	4.016	102	0.394	10	1.024	26	1.378	35	1.181	30
GIKFR 22 PB	1.181	30	3.307	84	0.787	20	15	1.457	37	4.370	111	0.472	12	1.142	29	1.496	38	1.260	32
GIKFR 25 PB	1.319	33.5	3.701	94	0.866	22	15	1.654	42	4.882	124	0.472	12	1.260	32	1.654	42	1.417	36
GIKFR 30 PB	1.575	40	4.331	110	0.984	25	17	2.008	51	5.709	145	0.591	15	1.457	37	1.969	50	1.614	41



Elges Rod Ends

GAKFR..PB SERIES

- DIN 648, dimension series K – ISO 6126
- Sliding contact surfaces: steel/bronze
- External thread
- Left hand thread is available on shank, order by replacing “R” with “L”
- Relubricate with funnel type grease nipple



• Replaces GAKMR.. 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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT kg	d _k inch	d _k mm
GAKFR 5 PB	0.197	5	0.512	13	0.315	8	730	3.25	700	3.1	0.029	0.013	0.4375	11.112
GAKFR 6 PB	0.236	6	0.630	16	0.354	9	970	4.3	990	4.4	0.044	0.02	0.5	12.7
GAKFR 8 PB	0.315	8	0.866	22	0.472	12	1620	7.2	1800	8	0.084	0.038	0.625	15.875
GAKFR 10 PB	0.394	10	1.024	26	0.630	16	2250	10	2900	12.9	0.121	0.055	0.75	19.05
GAKFR 12 PB	0.472	12	1.102	28	0.748	19	3800	17	5400	24	0.187	0.085	0.875	22.225
GAKFR 14 PB	0.551	14	1.260	32	0.827	21	4850	21.6	6400	28.5	0.309	0.14	1	25.4
GAKFR 16 PB	0.630	16	1.378	35	0.906	23	5800	26	9600	42.5	0.463	0.21	1.125	28.575
GAKFR 18 PB	0.709	18	1.575	40	0.984	25	7100	31.5	9600	42.5	0.617	0.28	1.25	31.75
GAKFR 20 PB	0.787	20	1.654	42	1.102	28	8500	38	12800	57	0.838	0.38	1.375	34.925
GAKFR 22 PB	0.866	22	1.221	31	1.221	31	10700	47.5	15300	68	1.058	0.48	1.5	38.1
GAKFR 25 PB	0.984	25	1.457	37	1.457	37	14400	64	19800	88	1.411	0.64	1.687	42.85
GAKFR 30 PB	1.181	30									2.426	1.1	2	50.8

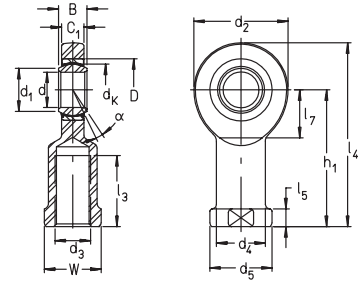
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PART NUMBER	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃	h inch	h mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₁ inch	l ₁ mm	l ₂ inch	l ₂ mm	l ₇ inch	l ₇ mm
GAKFR 5 PB	0.303	7.7	0.709	18	M5	1.299	33	0.236	6	13	0.748	19	1.654	42		
GAKFR 6 PB	0.350	8.9	0.787	20	M6	1.417	36	0.266	6.75	13	0.827	21	1.811	46		
GAKFR 8 PB	0.406	10.3	0.945	24	M8	1.654	42	0.354	9	14	0.984	25	2.126	54		
GAKFR 10 PB	0.508	12.9	1.102	28	M10	1.890	48	0.413	10.5	13	1.102	28	2.441	62		
GAKFR 12 PB	0.606	15.4	1.260	32	M12	2.126	54	0.472	12	13	1.260	32	2.756	70		
GAKFR 14 PB	0.661	16.8	1.417	36	M14	2.362	60	0.532	13.5	16	1.417	36	3.071	78	0.709	18
GAKFR 16 PB	0.760	19.3	1.654	42	M16	2.598	66	0.591	15	15	1.457	37	3.425	87	0.906	23
GAKFR 18 PB	0.858	21.8	1.811	46	M18X1.5	2.835	72	0.650	16.5	15	1.614	41	3.740	95	0.984	25
GAKFR 20 PB	0.957	24.3	1.969	50	M20X1.5	3.071	78	0.709	18	14	1.772	45	4.055	103	1.024	26
GAKFR 22 PB	1.016	25.8	2.126	54	M22X1.5	3.307	84	0.787	20	15	1.890	48	4.370	111	1.142	29
GAKFR 25 PB	1.161	29.5	2.362	60	M24X2	3.701	94	0.866	22	15	2.165	55	4.882	124	1.260	32
GAKFR 30 PB	1.370	34.8	2.756	70	M30X2	4.331	110	0.984	25	17	2.598	66	5.709	145	1.457	37



Elges Rod Ends, Maintenance Free GIR..UK, GIR..UK-2RS SERIES

- DIN 648, dimension series E – ISO 6126
- Sliding contact surfaces: hard chrome/PTFE
- Internal thread
- Left hand thread is available on shank, order by replacing “R” with “L”



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 (800)523-6572.

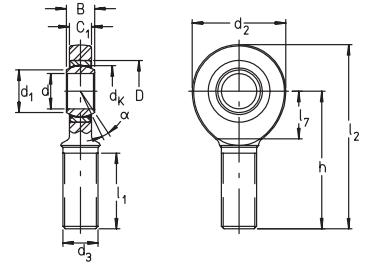
PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm
GIR 6 UK	0.236	6	0.551	14	0.236	6	810	3.6	1,830	8.15	0.046	0.021	0.394	10	0.315	8	0.827	21
GIR 8 UK	0.315	8	0.630	16	0.315	8	1,320	5.85	2,900	12.9	0.086	0.039	0.512	13	0.402	10.2	0.945	24
GIR 10 UK	0.394	10	0.748	19	0.354	9	1,950	8.65	3,950	17.6	0.135	0.061	0.630	16	0.520	13.2	1.142	29
GIR 12 UK	0.472	12	0.866	22	0.394	10	2,550	11.4	5,500	24.5	2.117	0.96	0.709	18	0.587	14.9	1.339	34
GIR 15 UK	0.591	15	1.024	26	0.472	12	3,950	17.6	8,100	36	0.397	0.18	0.866	22	0.724	18.4	1.575	40
GIR 17 UK	0.669	17	1.181	30	0.551	14	5,000	22.4	10,100	45	0.485	0.22	0.984	25	0.815	20.7	1.811	46
GIR 20 UK	0.787	20	1.378	35	0.630	16	7,100	31.5	13,500	60	0.772	0.35	1.142	29	0.949	24.1	2.087	53
GIR 25 UK	0.984	25	1.654	42	0.787	20	11,500	51	18,700	83	1.411	0.64	1.398	35.5	1.154	29.3	2.520	64
GIR 30 UK	1.181	30	1.850	47	0.866	22	15,000	66.5	24,700	110	2.051	0.93	1.602	40.7	1.347	34.2	2.874	73
GIR 35 UK2RS	1.378	35	2.165	55	0.984	25	25,000	112	33,000	146	2.867	1.3	1.850	47	1.563	39.7	3.228	82
GIR 40 UK2RS	1.575	40	2.441	62	1.102	28	31,500	140	40,500	180	4.41	2	2.087	53	1.772	45	3.622	92
GIR 45 UK2RS	1.772	45	2.677	68	1.260	32	40,500	180	54,000	240	5.513	2.5	2.362	60	1.996	50.7	4.016	102
GIR 50 UK2RS	1.969	50	2.953	75	1.378	35	49,500	220	65,000	290	7.718	3.5	2.598	66	2.201	55.9	4.409	112
GIR 60 UK2RS	2.362	60	3.543	90	1.732	44	78,000	345	101,000	450	12.128	5.5	3.150	80	2.630	66.8	5.315	135
GIR 70 UK2RS	2.756	70	4.134	105	1.929	49	99,000	440	137,000	610	18.963	8.6	3.622	92	3.063	77.8	6.299	160
GIR 80 UK2RS	3.150	80	4.724	120	2.165	55	128,000	570	169,000	750	26.46	12	4.134	105	3.520	89.4	7.087	180

CONTINUED FROM ABOVE

PART NUMBER	d ₃	d ₄ inch	d ₄ mm	h ₁ inch	h ₁ mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₃ inch	l ₃ mm	l ₄ inch	l ₄ mm	l ₇ inch	l ₇ mm	d ₅ inch	d ₅ mm	W inch	W mm
GIR 6 UK	M6	0.394	10	1.181	30	0.173	4.4	13	0.433	11	1.595	40.5	0.472	12	0.512	13	0.433	11
GIR 8 UK	M8	0.492	12.5	1.417	36	0.236	6	15	0.591	15	1.890	48	0.551	14	0.630	16	0.551	14
GIR 10 UK	M10	0.591	15	1.693	43	0.276	7	12	0.787	20	2.264	57.5	0.591	15	0.748	19	0.669	17
GIR 12 UK	M12	0.689	17.5	1.969	50	0.315	8	11	0.906	23	2.638	67	0.709	18	0.866	22	0.748	19
GIR 15 UK	M14	0.827	21	2.402	61	0.394	10	8	1.181	30	3.189	81	0.787	20	1.024	26	0.866	22
GIR 17 UK	M16	0.945	24	2.638	67	0.433	11	10	1.339	34	3.543	90	0.906	23	1.181	30	1.063	27
GIR 20 UK	M20X1.5	1.083	27.5	3.032	77	0.512	13	9	1.575	40	4.075	103.5	1.063	27	1.378	35	1.260	32
GIR 25 UK	M24X2	1.319	33.5	3.701	94	0.669	17	7	1.890	48	4.961	126	1.260	32	1.654	42	1.417	36
GIR 30 UK	M30X2	1.575	40	4.331	110	0.748	19	6	2.205	56	5.768	146.5	1.457	37	1.969	50	1.614	41
GIR 35 UK2RS	M36X3	1.850	47	4.921	125	0.827	21	6	2.362	60	6.535	166	1.654	42	2.284	58	1.969	50
GIR 40 UK2RS	M39X3	2.047	52	5.591	142	0.906	23	7	2.559	65	7.402	188	1.890	48	2.559	65	2.165	55
GIR 45 UK2RS	M42X3	2.284	58	5.709	145	1.063	27	7	2.559	65	7.717	196	2.047	52	2.756	70	2.362	60
GIR 50 UK2RS	M45X3	2.441	62	6.299	160	1.181	30	6	2.677	68	8.504	216	2.362	60	2.953	75	2.559	65
GIR 60 UK2RS	M52X3	2.756	70	6.890	175	1.496	38	6	2.756	70	9.547	242.5	2.953	75	3.465	88	2.953	75
GIR 70 UK2RS	M56X4	3.150	80	7.874	200	1.654	42	6	3.150	80	11.024	280	3.425	87	3.858	98	3.347	85
GIR 80 UK2RS	M64X4	3.740	95	9.055	230	1.850	47	6	3.347	85	12.598	320	3.937	100	4.331	110	3.937	100

Elges Rod Ends, Maintenance Free GAR..UK, GAR..UK-2RS SERIES

- DIN 648, dimension series E Form A – ISO 6126
- Sliding contact surfaces: hard chromium/PTFE
- External thread
- Left hand thread is available on shank, order by replacing “R” with “L”



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 (800)523-6572.

PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT kg	d _k inch	d _k mm
GAR 6 UK	0.236	6	0.551	14	0.236	6	810	3.6	1,830	8.15	0.037	0.017	0.394	10
GAR 8 UK	0.315	8	0.630	16	0.315	8	1,320	5.85	2,900	12.9	0.064	0.029	0.512	13
GAR 10 UK	0.394	10	0.748	19	0.354	9	1,950	8.65	3,950	17.6	0.112	0.051	0.630	16
GAR 12 UK	0.472	12	0.866	22	0.394	10	2,550	11.4	5,500	24.5	0.19	0.086	0.709	18
GAR 15 UK	0.591	15	1.024	26	0.472	12	3,950	17.6	8,100	36	0.309	0.14	0.866	22
GAR 17 UK	0.669	17	1.181	30	0.551	14	5,000	22.4	10,100	45	0.419	0.19	0.984	25
GAR 20 UK	0.787	20	1.378	35	0.630	16	7,100	31.5	13,500	60	0.684	0.31	1.142	29
GAR 25 UK	0.984	25	1.654	42	0.787	20	11,500	51	18,700	83	1.235	0.56	1.398	35.5
GAR 30 UK	1.181	30	1.850	47	0.866	22	14,700	65.5	24,700	110	1.962	0.89	1.602	40.7
GAR 35 UK2RS	1.378	35	2.165	55	0.984	25	25,000	112	33,000	146	3.087	1.4	1.850	47
GAR 40 UK2RS	1.575	40	2.441	62	1.102	28	31,500	140	40,500	180	3.969	1.8	2.087	53
GAR 45 UK2RS	1.772	45	2.677	68	1.260	32	40,500	180	54,000	240	5.733	2.6	2.362	60
GAR 50 UK2RS	1.969	50	2.953	75	1.378	35	49,500	220	65,000	290	7.497	3.4	2.598	66
GAR 60 UK2RS	2.362	60	3.543	90	1.732	44	78,000	345	101,000	450	13.01	5.9	3.150	80
GAR 70 UK2RS	2.756	70	4.134	105	1.929	49	99,000	440	137,000	610	18.081	8.2	3.622	92
GAR 80 UK2RS	3.150	80	4.724	120	2.165	55	128,000	570	169,000	750	26.46	12	4.134	105

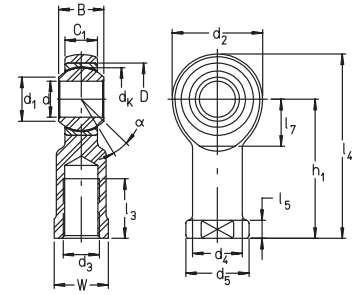
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PART NUMBER	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃	h inch	h mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₁ inch	l ₁ mm	l ₂ inch	l ₂ mm	l ₇ inch	l ₇ mm
GAR 6 UK	0.315	8	0.827	21	M6	1.417	36	0.173	4.4	13	0.709	18	1.831	46.5	0.472	12
GAR 8 UK	0.402	10.2	0.945	24	M8	1.654	42	0.236	6	15	0.866	22	2.126	54	0.551	14
GAR 10 UK	0.520	13.2	1.142	29	M10	1.890	48	0.276	7	12	1.024	26	2.461	62.5	0.591	15
GAR 12 UK	0.587	14.9	1.339	34	M12	2.126	54	0.315	8	11	1.102	28	2.795	71	0.709	18
GAR 15 UK	0.724	18.4	1.575	40	M14	2.480	63	0.394	10	8	1.339	34	3.268	83	0.787	20
GAR 17 UK	0.815	20.7	1.811	46	M16	2.717	69	0.433	11	10	1.417	36	3.622	92	0.906	23
GAR 20 UK	0.949	24.1	2.087	53	M20X1.5	3.071	78	0.512	13	9	1.693	43	4.114	104.5	1.063	27
GAR 25 UK	1.154	29.3	2.520	64	M24X2	3.701	94	0.669	17	7	2.087	53	4.961	126	1.260	32
GAR 30 UK	1.347	34.2	2.874	73	M30X2	4.331	110	0.748	19	6	2.559	65	5.768	146.5	1.457	37
GAR 35 UK2RS	1.563	39.7	3.228	82	M36X3	5.512	140	0.827	21	6	3.228	82	7.126	181	1.654	42
GAR 40 UK2RS	1.772	45	3.622	92	M39X3	5.906	150	0.906	23	7	3.386	86	7.717	196	1.890	48
GAR 45 UK2RS	1.996	50.7	4.016	102	M42X3	6.417	163	1.063	27	7	3.701	94	8.425	214	2.047	52
GAR 50 UK2RS	2.201	55.9	4.409	112	M45X3	7.284	185	1.181	30	6	4.213	107	9.488	241	2.362	60
GAR 60 UK2RS	2.630	66.8	5.315	135	M52X3	8.268	210	1.496	38	6	4.528	115	10.925	277.5	2.953	75
GAR 70 UK2RS	3.063	77.8	6.299	160	M56X4	9.252	235	1.654	42	6	4.921	125	12.402	315	3.307	84
GAR 80 UK2RS	3.520	89.4	7.087	180	M64X4	10.630	270	1.850	47	6	5.512	140	14.173	360	3.937	100



Elges Rod Ends, Maintenance Free GIKFR..PW, GIPFR..PW SERIES

- DIN 648, dimension series K – ISO 6126
- Sliding contact surfaces: steel/PTFE Foil
- Internal thread
- Left hand thread is available on shank, order by replacing “R” with “L”
- GIPFR series has fine pitch threads to fit hydraulic cylinders to DIN 24335



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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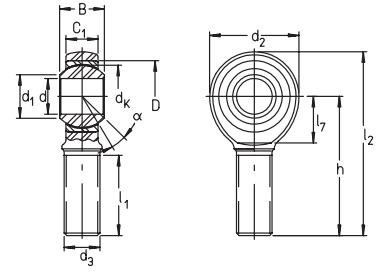
PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT. kg	d _k inch	d _k mm	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃
GIKFR 5 PW	0.197	5	0.512	13	0.315	8	1,350	6	1,280	5.7	0.035	0.016	0.438	11.112	0.303	7.7	0.709	18	M5
GIPFR 5 PW	0.197	5	0.512	13	0.315	8	1,350	6	1,280	5.7	0.035	0.016	0.438	11.112	0.303	7.7	0.709	18	M4
GIKFR 6 PW	0.236	6	0.630	16	0.354	9	1,720	7.65	1,620	7.2	0.049	0.022	0.500	12.7	0.350	8.9	0.787	20	M6
GIKFR 8 PW	0.315	8	0.748	19	0.472	12	2,900	12.9	2,600	11.6	0.104	0.047	0.625	15.875	0.406	10.3	0.945	24	M8
GIKFR 10 PW	0.394	10	0.866	22	0.551	14	4,050	18	3,250	14.5	0.17	0.077	0.750	19.05	0.508	12.9	1.102	28	M10
GIPFR 10 PW	0.394	10	0.866	22	0.551	14	4,050	18	3,250	14.5	0.17	0.077	0.750	19.05	0.508	12.9	1.102	28	M10X1.25
GIKFR 12 PW	0.472	12	1.024	26	0.630	16	5,400	24	3,800	17	0.221	0.1	0.875	22.225	0.606	15.4	1.260	32	M12
GIPFR 12 PW	0.472	12	1.024	26	0.630	16	5,400	24	3,800	17	0.221	0.1	0.875	22.225	0.606	15.4	1.260	32	M12X1.25
GIKFR 14 PW	0.551	14	1.102	28	0.748	19	7,000	31	5,400	24	0.353	0.16	1.000	25.4	0.661	16.8	1.417	36	M14
GIKFR 16 PW	0.630	16	1.260	32	0.827	21	8,800	39	6,400	28.5	0.485	0.22	1.125	28.575	0.760	19.3	1.654	42	M16
GIPFR 16 PW	0.630	16	1.260	32	0.827	21	8,800	39	6,400	28.5	0.485	0.22	1.125	28.575	0.760	19.3	1.654	42	M16X1.5
GIKFR 18 PW	0.709	18	1.378	35	0.906	23	10,700	47.5	9,600	42.5	0.706	0.32	1.250	31.75	0.858	21.8	1.811	46	M18X1.5
GIKFR 20 PW	0.787	20	1.575	40	0.984	25	12,800	57	9,600	42.5	0.926	0.42	1.375	34.925	0.957	24.3	1.969	50	M20X1.5
GIKFR 22 PW	0.866	22	1.654	42	1.102	28	15,300	68	12,800	57	1.191	0.54	1.500	38.1	1.016	25.8	2.126	54	M22X1.5
GIKFR 25 PW	0.984	25	1.850	47	1.221	31	19,100	85	15,300	68	1.61	0.73	1.687	42.85	1.161	29.5	2.362	60	M24X2
GIKFR 30 PW	1.181	30	2.165	55	1.457	37	25,500	114	19,800	88	2.426	1.1	2.000	50.8	1.370	34.8	2.756	70	M30X2
GIPFR 30 PW	1.181	30	2.165	55	1.457	37	25,500	114	19,800	88	2.426	1.1	2.000	50.8	1.370	34.8	2.756	70	M27X2

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PART NUMBER	d ₄ inch	d ₄ mm	h ₁ inch	h ₁ mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₃ inch	l ₃ mm	l ₄ inch	l ₄ mm	l ₅ inch	l ₅ mm	l ₇ inch	l ₇ mm	d ₅ inch	d ₅ mm	W inch	W mm
GIKFR 5 PW	0.335	8.5	1.063	27	0.236	6	13	0.394	10	1.417	36	0.158	4	0.394	10	0.433	11	0.354	9
GIPFR 5 PW	0.335	8.5	1.063	27	0.236	6	13	0.394	10	1.417	36	0.158	4	0.394	10	0.433	11	0.354	9
GIKFR 6 PW	0.394	10	1.181	30	0.266	6.75	13	0.472	12	1.575	40	0.197	5	0.433	11	0.512	13	0.433	11
GIKFR 8 PW	0.492	12.5	1.417	36	0.354	9	14	0.630	16	1.890	48	0.197	5	0.512	13	0.630	16	0.551	14
GIKFR 10 PW	0.591	15	1.693	43	0.413	10.5	13	0.787	20	2.244	57	0.256	6.5	0.591	15	0.748	19	0.669	17
GIPFR 10 PW	0.591	15	1.693	43	0.413	10.5	13	0.787	20	2.244	57	0.256	6.5	0.591	15	0.748	19	0.669	17
GIKFR 12 PW	0.689	17.5	1.969	50	0.472	12	13	0.866	22	2.598	66	0.256	6.5	0.669	17	0.866	22	0.748	19
GIPFR 12 PW	0.689	17.5	1.969	50	0.472	12	13	0.866	22	2.598	66	0.256	6.5	0.669	17	0.866	22	0.748	19
GIKFR 14 PW	0.827	21	2.244	57	0.532	13.5	16	0.984	25	2.953	75	0.315	8	0.709	18	1.024	26	0.866	22
GIKFR 16 PW	0.866	22	2.520	64	0.591	15	15	1.102	28	3.347	85	0.315	8	0.906	23	1.102	28	0.866	22
GIPFR 16 PW	0.866	22	2.520	64	0.591	15	15	1.102	28	3.347	85	0.315	8	0.906	23	1.102	28	0.866	22
GIKFR 18 PW	0.984	25	2.795	71	0.650	16.5	15	1.260	32	3.701	94	0.394	10	0.984	25	1.221	31	1.063	27
GIKFR 20 PW	1.083	27.5	3.032	77	0.709	18	14	1.299	33	4.016	102	0.394	10	1.024	26	1.378	35	1.181	30
GIKFR 22 PW	1.181	30	3.307	84	0.787	20	15	1.457	37	4.370	111	0.472	12	1.142	29	1.496	38	1.260	32
GIKFR 25 PW	1.319	33.5	3.701	94	0.866	22	15	1.654	42	4.882	124	0.472	12	1.260	32	1.654	42	1.417	36
GIKFR 30 PW	1.575	40	4.331	110	0.984	25	17	2.008	51	5.709	145	0.591	15	1.457	37	1.969	50	1.614	41
GIPFR 30 PW	1.575	40	4.331	110	0.984	25	17	2.008	51	5.709	145	0.591	15	1.457	37	1.969	50	1.614	41

Elges Rod Ends, Maintenance Free GAKFR..PW SERIES

- DIN 648, dimension series K – ISO 6126
- Sliding contact surfaces: steel/PTFE
- External thread
- Left hand thread is available on shank, order by replacing “R” with “L”



For details on part numbers, descriptive suffixes and various technical references, please refer to front of this section.
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PART NUMBER	d inch	d mm	D inch	D mm	B inch	B mm	C lbf	C kN	C ₀ lbf	C ₀ kN	WGT. lbs	WGT kg	d _k inch	d _k mm
GAKFR 5 PW	0.1969	5	0.5118	13	0.315	8	1350	6	700	3.1	0.029	0.013	0.4375	11.112
GAKFR 6 PW	0.2362	6	0.6299	16	0.3543	9	1720	7.65	990	4.4	0.044	0.02	0.5	12.7
GAKFR 8 PW	0.315	8	0.748	19	0.4724	12	2900	12.9	1800	8	0.084	0.038	0.625	15.875
GAKFR 10 PW	0.3937	10	0.8661	22	0.5512	14	4050	18	2900	12.9	0.121	0.055	0.75	19.05
GAKFR 12 PW	0.4724	12	1.0236	26	0.6299	16	5400	24	3800	17	0.187	0.085	0.875	22.225
GAKFR 14 PW	0.5512	14	1.1024	28	0.748	19	7000	31	4700	21	0.309	0.14	1	25.4
GAKFR 16 PW	0.6299	16	1.2598	32	0.8268	21	8800	39	6400	28.5	0.463	0.21	1.125	28.575
GAKFR 18 PW	0.7087	18	1.378	35	0.9055	23	10700	47.5	9600	42.5	0.617	0.28	1.25	31.75
GAKFR 20 PW	0.7874	20	1.5748	40	0.9843	25	12800	57	9600	42.5	0.838	0.38	1.375	34.925
GAKFR 22 PW	0.8661	22	1.6535	42	1.1024	28	15300	68	12800	57	1.058	0.48	1.5	38.1
GAKFR 25 PW	0.9843	25	1.8504	47	1.2205	31	19100	85	15300	68	1.411	0.64	1.687	42.85
GAKFR 30 PW	1.1811	30	2.1654	55	1.4567	37	25500	114	19800	88	2.426	1.1	2	50.8

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PART NUMBER	d ₁ inch	d ₁ mm	d ₂ inch	d ₂ mm	d ₃	h inch	h mm	C ₁ inch	C ₁ mm	ALPHA deg	l ₁ inch	l ₁ mm	l ₂ inch	l ₂ mm	l ₇ inch	l ₇ mm
GAKFR 5 PW	0.3031	7.7	0.7087	18	M5	1.2992	33	0.2362	6	13	0.748	19	1.6535	42		
GAKFR 6 PW	0.3504	8.9	0.7874	20	M6	1.4173	36	0.2657	6.75	13	0.8268	21	1.811	46		
GAKFR 8 PW	0.4055	10.3	0.9449	24	M8	1.6535	42	0.3543	9	14	0.9843	25	2.126	54		
GAKFR 10 PW	0.5079	12.9	1.1024	28	M10	1.8898	48	0.4134	10.5	13	1.1024	28	2.4409	62		
GAKFR 12 PW	0.6063	15.4	1.2598	32	M12	2.126	54	0.4724	12	13	1.2598	32	2.7559	70		
GAKFR 14 PW	0.6614	16.8	1.4173	36	M14	2.3622	60	0.5315	13.5	16	1.4173	36	3.0709	78	0.7087	18
GAKFR 16 PW	0.7598	19.3	1.6535	42	M16	2.5984	66	0.5906	15	15	1.4567	37	3.4252	87	0.9055	23
GAKFR 18 PW	0.8583	21.8	1.811	46	M18X1.5	2.8346	72	0.6496	16.5	15	1.6142	41	3.7402	95	0.9843	25
GAKFR 20 PW	0.9567	24.3	1.9685	50	M20X1.5	3.0709	78	0.7087	18	14	1.7717	45	4.0551	103	1.0236	26
GAKFR 22 PW	1.0157	25.8	2.126	54	M22X1.5	3.3071	84	0.7874	20	15	1.8898	48	4.3701	111	1.1417	29
GAKFR 25 PW	1.1614	29.5	2.3622	60	M24X2	3.7008	94	0.8661	22	15	2.1654	55	4.8819	124	1.2598	32
GAKFR 30 PW	1.3701	34.8	2.7559	70	M30X2	4.3307	110	0.9843	25	17	2.5984	66	5.7087	145	1.4567	37



NOTES



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