

Rod ends for hydraulic components GK..DO

用于液压部件的杆端关节轴承

□ Maintenance required, for welding

需润滑，可焊接。

-Rod end housing with weldable base and dowel pin.

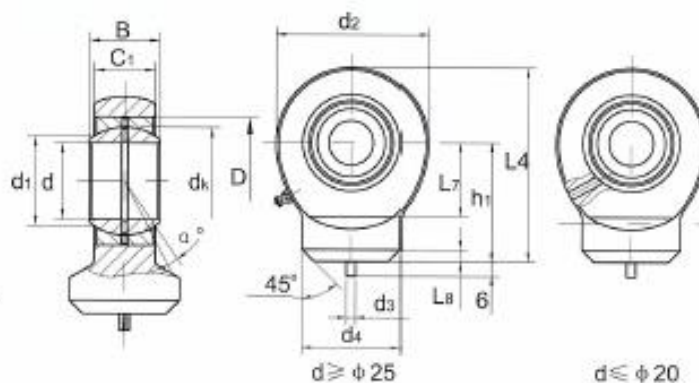
-It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing.

-Rod end housing with a lubricating hole or grease nipple.

-杆端座带有可焊接的基座和定位销。

-由向心关节轴承GE..ES或GE..ES 2RS和杆端座体组成。

-杆端座体带有润滑油孔和油杯。



Part No. 型号	Dimensions 尺寸mm														Load ratings 负荷KN		Weight 重量Kg
	d	d1	B	C1	dk	d2	L4	h1	L7 min	L8	d3	d4	D	α	dyn. 动 C0	stat. 静 Cs	
GK10 DO*	10	13.2	9	7	16	29	38.5	24	15	1.5	3	15	19	12	8.15	15.6	0.041
GK 12 DO*	12	15	10	8	18	34	44	27	18	1.5	3	17.5	22	11	10.8	21.6	0.066
GK 15 DO	15	18.4	12	10	22	40	51	31	20	2	4	21	26	8	17.0	32	0.12
GK 17 DO	17	20.7	14	11	25	46	58	35	23	2	4	24	30	10	21.2	40	0.19
GK 20 DO	20	24.2	16	13	29	53	64.5	38	27.5	2	4	27.5	35	9	30	54	0.23
GK 25 DO	25	29.3	20	17	35.5	64	77	45	33	3	4	33.5	42	7	48	72	0.43
GK 30 DO	30	34.2	22	19	40.7	73	87.5	51	37.5	3	4	40	47	6	62	95	0.64
GK 35 DO	35	39.8	25	21	47	82	102	61	43	3	4	47	55	6	80	125	0.96
GK 40 DO	40	45.0	28	23	53	92	115	69	48	4	4	52	62	7	100	156	1.3
GK 45 DO	45	50.8	32	27	60	102	128	77	52	4	6	58	68	7	127	208	1.8
GK 50 DO	50	55.9	35	30	66	112	144	88	59	4	6	62	75	6	156	250	2.5
GK 60 DO	60	66.8	44	38	80	135	167.5	100	72.5	4	6	70	90	6	245	390	3.9
GK 70 DO	70	77.9	49	42	92	160	195	115	86	5	6	80	105	6	315	510	6.6
GK 80 DO	80	89.4	55	47	105	180	231	141	98	5	6	95	120	6	400	620	8.7

-Grease nipple not available for $d < \phi 20$ mm.

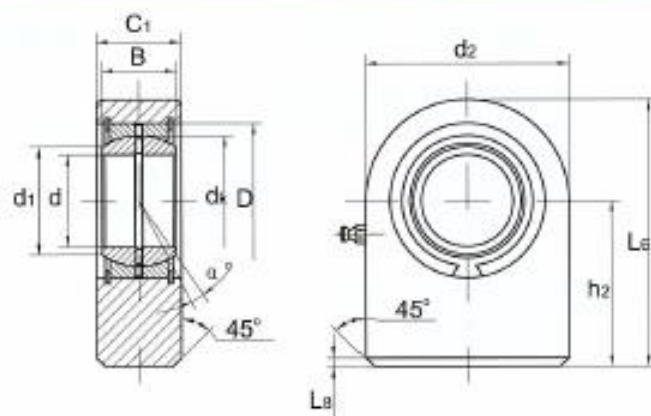
-Sealed design also available, e.g. GK 50 DO 2RS.

-Relubrication not possible for the sizes marked***.

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- It is made up of a radial spherical plain bearing GE..ES or GE..ES 2RS and rod end housing .
- Rod end housing with a lubricating hole or grease nipple .
- 杆端座体带有可焊接的基座。
- 由向心关节轴承GE..ES或GE..ES 2RS和杆端座体组成。
- 杆端座体带有润滑油孔和油杯。



Part No. 型号	Dimensions 尺寸mm										Load ratings 负荷KN		Weight 重量Kg
	d	B	C ₁	d ₂	L ₁	h ₂	d _k	d ₁	D	L ₁₁	dyn. 动 C _d	stat. 静 C _s	
GF 15 DO	15	12	16	45	53.5	31	22	18.4	26	2	17.0	53	0.22
GF 16 DO	16	14	17.5	48	59	35	25	20.7	30	2	21.2	59	0.29
GF 17 DO	17	14	17.5	48	59	35	25	20.7	30	2	21.2	65	0.29
GF 20 DO	20	16	19	50	63	38	29	24.2	35	2	30.0	67	0.35
GF 25 DO	25	20	23	55	72.5	45	35.5	29.3	42	2	48	69.5	0.53
GF 30 DO	30	22	28	65	83.5	51	40.7	34.2	47	2	62	118	0.87
GF 35 DO	35	25	30	83	102.5	61	47	39.8	55	2	80	196	1.5
GF 40 DO	40	28	35	100	119	69	53	45.0	62	3	100	300	2.4
GF 45 DO	45	32	40	110	132	77	60	50.8	68	3	127	380	3.4
GF 50 DO	50	35	40	123	149.5	88	66	55.9	75	3	156	440	4.4
GF 60 DO	60	44	50	140	170	100	80	66.8	90	4	245	570	7.1
GF 70 DO	70	49	55	164	197	115	92	77.9	105	4	315	695	10.5
GF 80 DO	80	55	60	180	231	141	105	89.4	120	4	400	780	15
GF 90 DO	90	60	65	226	263	150	115	98.1	130	4	490	1340	23.5
GF 100 DO	100	70	70	250	295	170	130	109.5	150	4	610	1500	31.5
GF 110 DO	110	70	80	295	332.5	185	140	121.2	160	4	655	2160	48.5
GF 120 DO	120	85	90	390	390.0	210	160	135.5	180	4	950	3250	79

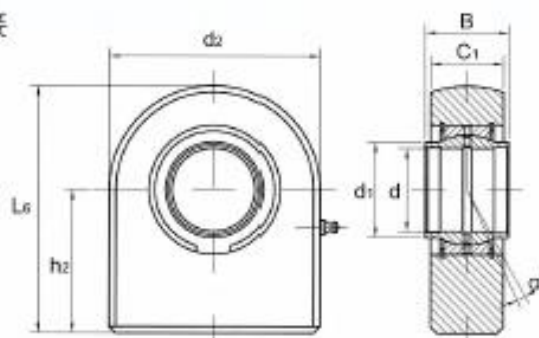
- Sealed design also available, e.g. GF 70 DO 2RS.
- 也可制造-2RS型结构。例如:GF 70 DO 2RS。

Rod ends for hydraulic components GF..LO

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- Rod end housing with a lubricating hole or grease nipple.
- 杆端座体带有可焊接的基座。
- 由向心关节轴承GE.. LO和杆端座体组成。
- 杆端座体带有润滑油孔和油杯。



型号 Part No.	尺寸mm Dimensions								负载KN Load ratings		重量Kg Weight
	d	B	C1	d1	h2	d2	L6	α °	dyn. 动 C ₁₁	stat. 静 C ₁₂	
GF 16 LO	16	16	17.5	20	35	48	59	4	17	40	0.30
GF 20 LO	20	20	19	25	38	50	63	4	30	74	0.36
GF 25 LO	25	25	23	30.5	45	55	72.5	4	48	95	0.54
GF 32 LO	32	32	27	38	65	70	100	4	62.5	168	1.12
GF 40 LO	40	40	35	46	69	100	119	4	100	268	2.50
GF 50 LO	50	50	40	57	88	123	149.5	4	156	362	4.60
GF 63 LO	63	63	50	71.5	107	145	179.5	4	248	570	9.30
GF 70 LO	70	70	55	79	115	164	197	4	315	800	11.25
GF 80 LO	80	80	60	91	141	180	231	4	400	874	15.75
GF 90 LO	90	90	65	99	150	226	263	4	490	1045	24.0
GF 100 LO	100	100	70	113	170	250	295	4	610	1330	33.95
GF 110 LO	110	110	80	124	185	295	332.5	4	655	1490	49.0

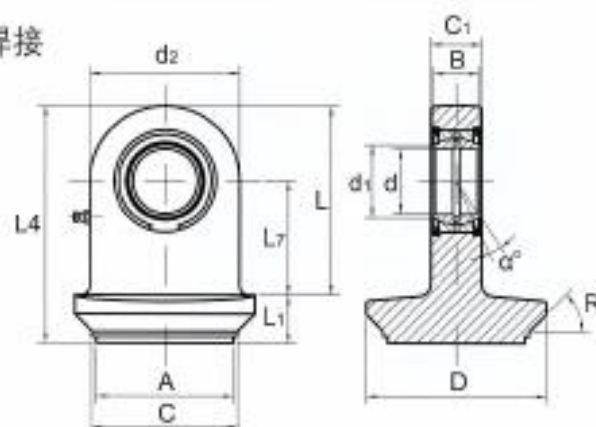
-Sealed design also available, e.g. GF 70 HO 2RS.

-也可制造-2RS型结构。例如: GF 70 HO 2RS。

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Part No. 型号	Dimensions 尺寸mm										Load ratings 负荷KN	
	d	B	C ₁	d ₂	d ₁	L ₇	L	L ₁	D	α °	dyn. 动 C _d	stat. 静 C _s
TS 20 NF	20	16	19	50	24.1	38	63.0	13	60	9	30	67.0
TS 25 NF	25	20	23	55	29.3	45	72.5	14	73	7	48	69.5
TS 30 NF	30	22	28	65	34.2	51	83.5	15	95	6	62	118
TS 35 NF	35	25	30	83	39.7	61	102.5	15	105	6	80	196
TS 40 NF	40	28	35	100	45.0	69	119.0	16	115	7	100	305
TS 50 NF	50	35	40	123	56.0	88	149.5	19	145	6	156	441
TS 60 NF	60	44	50	140	66.8	100	170.0	21	170	6	245	570

- Sealed design also available, e.g. GF 40 NF 2RS.
- 也可制造-2RS型结构。例如: GF 40 NF 2RS。