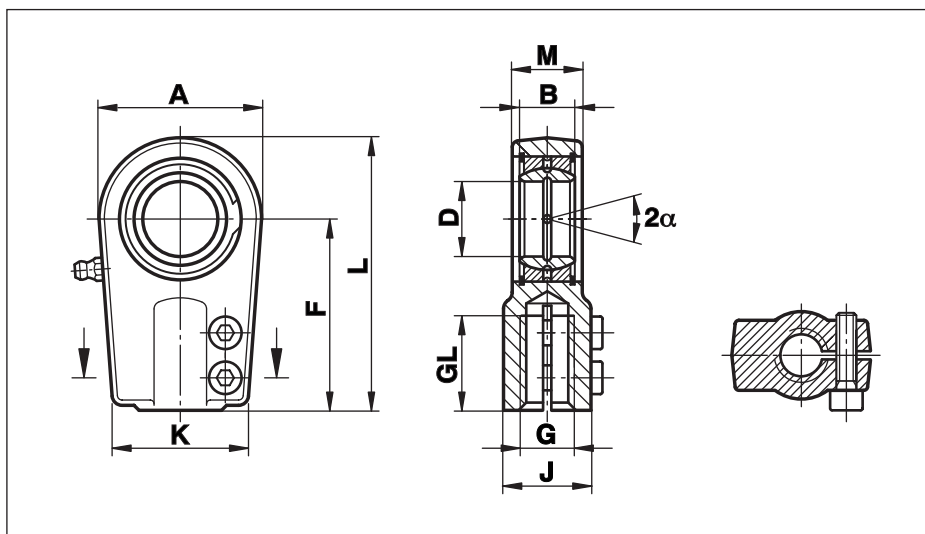


Hydraulic Rod Ends

Series FMA...D

Rod Ends fastened by hexagon socket head cap screws to DIN 912-8.8.
Spherical Plain Bearings, regreasable, fixed with snap rings

For use with double action Hydraulic Cylinders



Size (D)	B	M	A	F	L	K	J	G	GL	Torque Nm	Static load C ₀ kN	Dynamic load C kN	Pivoting angle	Weight g
25	20	23	56	65	95	48	28	M 18x2	30	20	66	51,0	8	650
30	22	28	64	75	109	54	34	M 24x2	35	20	96	65,5	7	1000
35	25	30	78	90	132	66	44	M 30x2	45	40	185	112,0	7	1300
40	28	35	94	105	155	78	55	M 39x3	55	80	297	140,0	7	2400
50	35	40	116	135	198	90	70	M 50x3	75	80	442	220,0	7	4100
60	44	50	130	170	240	118	87	M 64x3	95	160	539	345,0	7	6500
70	49	55	144	195	278	130	105	M 80x3	110	160	721	440,0	6	9500
80	55	60	176	210	305	158	125	M 90x3	120	300	895	570,0	6	16000
90	60	65	206	250	363	162	150	M 100x3	140	300	1330	695,0	5	28000
100	70	70	230	275	400	172	170	M 110x4	150	300	1500	865,0	7	34000

Materials:

Housing: Nodular cast iron GS 400

Bearing: Steel on steel bearing GE...E, requiring lubrication

Greasing: size 25 without lubrication fitting, but fitted with grease hole in housing,
from size 30 fitted with hydraulic grease nipples to DIN 71412