

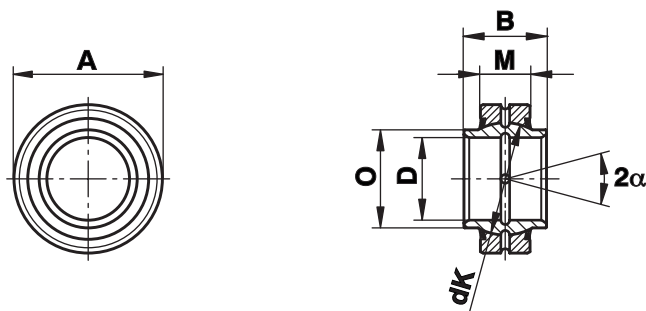
Spherical Plain Bearings - Steel on Steel

Series GE..HO-2RS

Spherical Plain Bearings
steel on steel, regreasable
with lip seal on both
sides.

Dimensions identical to
series GE...E (-2RS) but
ball with shoulder

Through the ball with
shoulder no distance
rings are required



Size (D)	B	M	A	O	dK	Static load C ₀ kN	Dynamic load C kN	Pivoting angle	Weight g
17 ⁰ _{-0,008}	21	10	30 ⁰ _{-0,009}	21,0	25,0	106	21,2	3	44
20 ⁰ _{-0,010}	24	12	35 ⁰ _{-0,011}	24,0	29,0	146	30,0	3	69
25 ⁰ _{-0,010}	29	16	42 ⁰ _{-0,011}	29,0	35,5	240	48,0	3	120
30 ⁰ _{-0,010}	30	18	47 ⁰ _{-0,011}	34,2	40,7	310	62,0	3	150
35 ⁰ _{-0,012}	35	20	55 ⁰ _{-0,013}	40,0	47,0	400	80,0	3	260
40 ⁰ _{-0,012}	38	22	62 ⁰ _{-0,013}	45,0	53,0	500	100,0	3	320
45 ⁰ _{-0,012}	40	25	68 ⁰ _{-0,013}	51,5	60,0	640	127,0	3	430
50 ⁰ _{-0,012}	43	28	75 ⁰ _{-0,013}	56,5	66,0	780	156,0	3	550
60 ⁰ _{-0,015}	54	36	90 ⁰ _{-0,015}	67,7	80,0	1220	245,0	3	1100
70 ⁰ _{-0,015}	65	40	105 ⁰ _{-0,015}	78,0	92,0	1560	315,0	3	1600
80 ⁰ _{-0,015}	74	45	120 ⁰ _{-0,015}	90,0	105,0	2000	400,0	3	2500

Materials:

Insert: Bearing steel to 100Cr6, Aisi 52100, hardened, ground, phosphated,
treated with molybdenum disulphide

Ball: Bearing steel to 100Cr6, Aisi 52100, hardened, ground, phosphated,
treated with molybdenum disulphide