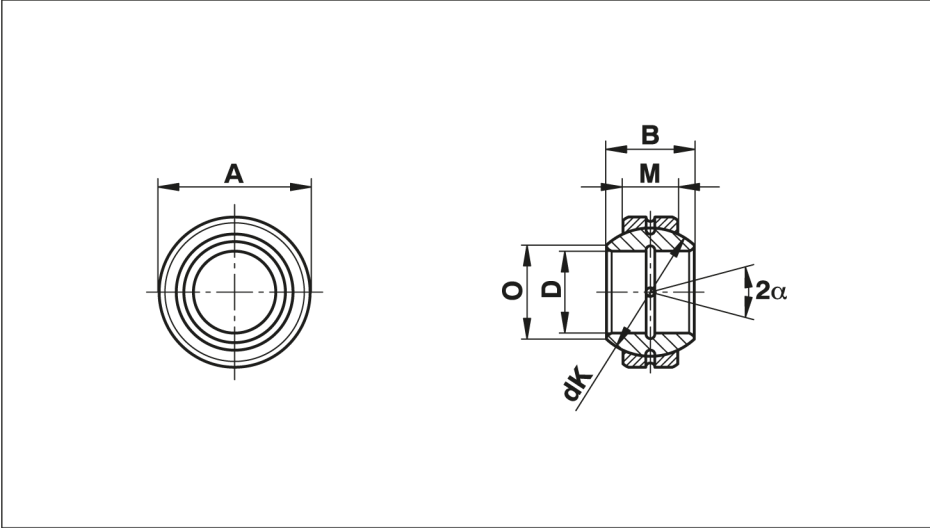


Spherical Plain Bearings Series G - Steel on Steel

Series GE..FO (-2RS)

Spherical Plain Bearings
steel on steel series G
to DIN ISO 12240-1.
Treated with molyb-
denum disulphide mos2,
regreasable

For use with higher
pivoting angle



Size (D)	B	M	A	O	dK	Static load C ₀ kN	Dynamic load C kN	Maximum Pivoting Angle α (°)	Weight g
4 ¹⁾ 0-0,008	7	4	14 0-0,008	7,1	10,0	17,0	3,4	20	5
5 ¹⁾ 0-0,008	9	5	16 0-0,008	9,3	13,0	27,0	5,5	21	8
6 ¹⁾ 0-0,008	9	5	16 0-0,008	9,3	13,0	27,5	5,5	21	8
8 ¹⁾ 0-0,008	11	6	19 0-0,009	11,6	16,0	40,5	8,1	21	14
10 ¹⁾ 0-0,008	12	7	22 0-0,009	13,4	18,0	54,0	10,8	18	21
12 ¹⁾ 0-0,008	15	9	26 0-0,009	16,0	22,0	85,0	17,0	18	36
15 0-0,008	16	10	30 0-0,009	19,2	25,0	106,0	21,2	16	48
17 0-0,008	20	12	35 0-0,011	21,0	29,0	146,0	30,0	19	80
20 0-0,010	25	16	42 0-0,011	25,2	35,5	240,0	48,0	17	152
25 0-0,010	28	18	47 0-0,011	29,5	40,7	310,0	62,0	17	199
30 0-0,010	32	20	55 0-0,013	34,4	47,0	400,0	80,0	17	296
35 0-0,012	35	22	62 0-0,013	39,7	53,0	500,0	100,0	16	402
40 0-0,012	40	25	68 0-0,013	44,7	60,0	640,0	127,0	17	535
45 0-0,012	43	28	75 0-0,013	50,0	66,0	780,0	156,0	15	698
50 0-0,012	56	36	90 0-0,015	57,1	80,0	1220,0	245,0	17	1420
60 0-0,015	63	40	105 0-0,015	67,0	92,0	1560,0	315,0	17	2090
70 0-0,015	70	45	120 0-0,015	78,2	105,0	2000,0	400,0	16	3010
80 0-0,015	75	50	130 0-0,018	87,1	115,0	2450,0	490,0	14	3610
90 0-0,020	85	55	150 0-0,018	98,3	130,0	3050,0	610,0	15	5500
100 0-0,020	85	55	160 0-0,025	111,2	140,0	3250,0	655,0	14	6040
110 0-0,020	100	70	180 0-0,025	124,8	160,0	4750,0	950,0	12	9740
120 0-0,020	115	70	210 0-0,030	138,4	180,0	5400,0	1080,0	16	15100
140 0-0,025	130	80	230 0-0,030	151,9	200,0	6800,0	1370,0	16	18900
160 0-0,025	135	80	260 0-0,035	180,0	225,0	7650,0	1530,0	16	24800
180 0-0,025	155	100	290 0-0,035	196,1	250,0	10600,0	2120,0	14	35900
200 0-0,030	165	100	320 0-0,040	220,0	275,0	11600,0	2320,0	15	44900
220 0-0,030	175	100	340 0-0,040	243,6	300,0	12700,0	2550,0	16	50900
240 0-0,030	190	110	370 0-0,040	263,6	325,0	15300,0	3050,0	15	65300
260 0-0,035	205	120	400 0-0,040	283,6	350,0	18000,0	3550,0	15	82000
280 0-0,035	210	120	430 0-0,045	310,6	375,0	19000,0	3800,0	15	96600

Materials:

Insert: Bearing steel to 100Cr6, Aisi 52100, hardened, ground, phosphated treated with molybdenum disulphide from size 15 available sealed from both sides (-2RS) ¹⁾ without lubrication hole

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