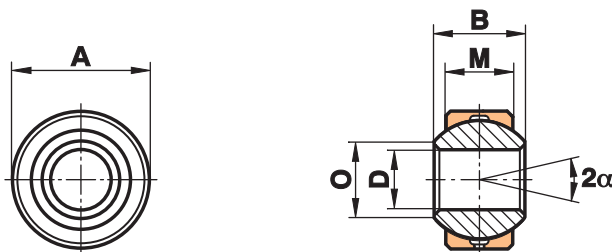


Spherical Plain Bearings Series K - Heavy Duty

Series GXS

Spherical Plain Bearings,
without outer ring,
regreasable

For use at high revs



Size	D	B	M	A	O	Static load C ₀ kN	Dynamic load C kN	Limiting speed rev/min	Weight g
2 ¹⁾	2	4,5	3,60	6,5	2,6	6,6	1,1		3
3 ¹⁾	3	6,0	4,50	9,0	5,1	10,8	1,8		4
4 ¹⁾	4	7,0	5,25	12,0	6,5	14,5	2,5		4
5 ¹⁾	5	8,0	6,00	13,0	7,7	19,8	3,3		5
6	6	9,0	6,75	15,0	8,9	25,8	4,3	1500	8
6.16	6	9,0	6,75	16,0	8,9	25,8	4,3	1500	9
8	8	12,0	9,00	18,0	10,4	42,6	7,1	1200	14
8.19	8	12,0	9,00	19,0	10,4	42,6	7,1	1200	16
10	10	14,0	10,50	21,0	12,9	60,0	10,0	1000	22
10.22	10	14,0	10,50	22,0	12,9	60,0	10,0	1000	25
12	12	16,0	12,00	24,5	15,4	80,0	13,5	860	35
12.26	12	16,0	12,00	26,0	15,4	80,0	13,5	860	40
14	14	19,0	13,50	28,0	16,8	102,5	17,0	750	51
14.29	14	19,0	13,50	29,0	16,8	102,5	17,0	750	56
16	16	21,0	15,00	31,5	19,3	128,5	21,5	660	72
16.32	16	21,0	15,00	32,0	19,3	128,5	21,5	660	76
18	18	23,0	16,50	34,5	21,8	157,0	26,0	600	94
18.35	18	23,0	16,50	35,0	21,8	157,0	26,0	600	97
20	20	25,0	18,00	38,0	24,3	188,5	31,5	540	124
20.40	20	25,0	18,00	40,0	24,3	188,5	31,5	540	141
22	22	28,0	20,00	41,0	25,8	229,0	38,0	500	158
22.42	22	28,0	20,00	42,0	25,8	229,0	38,0	500	168
25	25	31,0	22,00	46,0	29,6	293,0	47,0	440	218
25.47	25	31,0	22,00	47,0	29,6	293,0	47,0	440	231
30	30	37,0	25,00	54,0	34,8	381,0	64,0	370	349
30.55	30	37,0	25,00	55,0	34,8	381,0	64,0	370	362
35	35	43,0	28,00	62,0	37,7	480,0	80,0	330	502
35.65	35	43,0	28,00	65,0	37,7	480,0	80,0	330	518
40	40	49,0	35,00	72,0	44,2	693,0	116,0	290	832
40.75	40	49,0	35,00	75,0	44,2	693,0	116,0	290	850
50	50	60,0	45,00	90,0	55,9	1100,0	185,0	230	1600

Materials:

Insert: Special high strength bronze to CuSn8

Ball: Bearing steel to 100Cr6, Aisi 52100, hardened, ground, polished

This series is also available with threaded bolt (see page 39) and as stainless steel version.

¹⁾ without lubrication hole

FLURO-Gelenklager GmbH