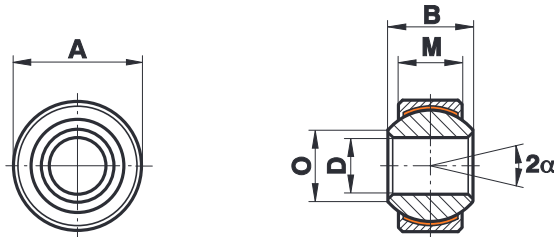


Spherical Plain Bearings Series K - Maintenance Free

Series GXSW

Spherical Plain Bearing,
maintenance free

For use at high pressure
and dynamic loads



Size	D (H7)	B	M	A (h6)	O	dK	Static load C ₀ kN	Dynamic load C kN	Limiting speed rev/min	Maximum Pivoting Angle α (°)	Weight g
4	4	7	5,25	12,0	6,5	9,52	8,5	5,1	700	14	4
5	5	8	6,00	13,0	7,7	11,11	12,5	7,5	600	13	6
6	6	9	6,75	15,0	8,9	12,70	15,5	9,3	530	13	8
6.16	6	9	6,75	16,0	8,9	12,70	15,5	9,3	530	13	9
8	8	12	9,00	18,0	10,4	15,87	27,8	16,7	420	14	15
8.19	8	12	9,00	19,0	10,4	15,87	27,8	16,7	420	14	17
10	10	14	10,50	21,0	12,9	19,05	39,0	23,4	350	13	23
10.22	10	14	10,50	22,0	12,9	19,05	39,0	23,4	350	13	26
12	12	16	12,00	24,5	15,4	22,22	53,5	32,0	300	13	35
12.26	12	16	12,00	26,0	15,4	22,22	53,5	32,0	300	13	41
14	14	19	13,50	28,0	16,8	25,40	70,0	42,0	260	16	52
14.29	14	19	13,50	29,0	16,8	25,40	70,0	42,0	260	16	56
16	16	21	15,00	31,5	19,3	28,57	88,0	52,5	230	15	72
16.32	16	21	15,00	32,0	19,3	28,57	88,0	52,5	230	15	75
18	18	23	16,50	34,5	21,8	31,75	106,5	64,0	210	15	95
18.35	18	23	16,50	35,0	21,8	31,75	106,5	64,0	210	15	97
20	20	25	18,00	38,0	24,3	34,92	130,0	78,0	190	14	127
20.40	20	25	18,00	40,0	24,3	34,92	130,0	78,0	190	14	142
22	22	28	20,00	41,0	25,8	38,10	162,0	97,0	170	15	159
22.42	22	28	20,00	42,0	25,8	38,10	162,0	97,0	170	15	169
25	25	31	22,00	46,0	29,6	42,86	204,0	122,0	150	15	222
25.47	25	31	22,00	47,0	29,6	42,86	204,0	122,0	150	15	230
30	30	37	25,00	54,0	34,8	50,80	281,0	168,0	130	17	350
30.55	30	37	25,00	55,0	34,8	50,80	281,0	168,0	130	17	369
35	35	43	28,00	62,0	37,7	57,15	343,0	206,0	110	19	505
35.65	35	43	28,00	65,0	37,7	57,15	343,0	206,0	110	19	545
40	40	49	35,00	72,0	44,2	65,96	495,0	286,0	100	16	832
40.75	40	49	35,00	75,0	44,2	65,96	495,0	286,0	100	16	894
50	50	60	45,00	90,0	55,9	82,00	800,0	485,0	80	14	1640

only for short-term revolutions recommended

Materials:

Insert: Free-cutting steel to 9SMnPb28K, 12L13, galvanised, with PTFE liner bonded to inner surface

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

This series is also available with threaded bolt (see page 53).