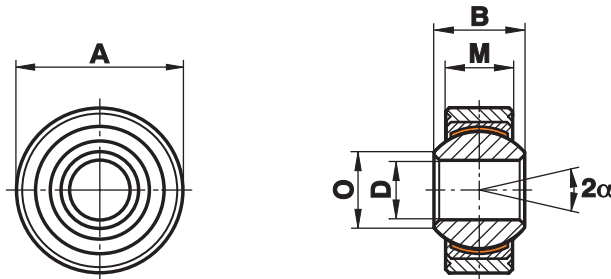


# Spherical Plain Bearings Series K - Stainless, Maintenance Free

## Series GLRSW

Spherical Plain Bearings with outer ring made from stainless steel, maintenance free

For use at higher dynamic pressure and tension loads in corrosive environments



Size (D)	B	M	A	O	Static load C <sub>0</sub> kN	Dynamic load C kN	Limiting speed rev/min	Weight g
4 <sup>1)</sup>	7	5,25	14	6,5	9,5	5,7	700	5
5	8	6,00	16	7,7	12,5	7,5	600	8
6	9	6,75	18	8,9	15,5	9,3	530	12
8	12	9,00	22	10,4	27,8	16,7	420	23
10	14	10,50	26	12,9	39,0	23,4	350	38
12	16	12,00	30	15,4	53,5	32,0	300	58
14	19	13,50	34	16,8	70,0	42,0	260	83
16	21	15,00	38	19,3	88,0	52,5	230	115
18	23	16,50	42	21,8	106,5	64,0	210	150
20	25	18,00	46	24,3	130,0	78,0	190	200
22	28	20,00	50	25,8	162,0	97,0	170	270
25	31	22,00	56	29,6	204,0	122,0	150	375
30	37	25,00	66	34,8	281,0	168,0	130	540
35	43	28,00	78	37,7	343,0	206,0	110	850
40	49	35,00	87	44,2	495,0	286,0	100	1400

only for short-term revolutions recommended

### Materials:

**Outer ring:** Stainless steel to 1.4305, Aisi 303, turned

**Insert:** Special high strength bronze to CuSn8 with PTFE liner bonded to the inner surface

**Ball:** Bearing steel to 100Cr6, Aisi 52100, hardened, ground, polished, hard chrome plated on the running surface

**On request:** Insert: Stainless steel to 1.4571, Aisi 316Ti  
 Ball: Stainless steel to 1.4034, Aisi 420C, hardened, ground, polished  
 or from stainless steel to 1.4401, Aisi 316, ground, polished

This series is also available with threaded bolt (see page 39).

<sup>1)</sup> Outer Ring stainless steel as one piece to 1.4305, Aisi303