

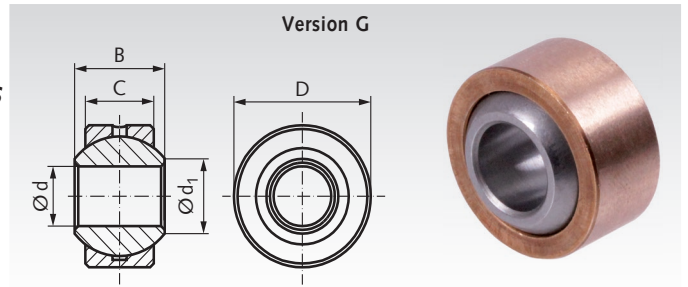
## Spherical Bearings Series K, Steel or Stainless Steel, re-lubricateable

**Material standard:** Inner ring bearing steel 100Cr6, hardened, ground and polished. Bearing shell special brass CuZn38Al1.

**Material stainless:** Inner ring stainless steel 1.4034 (AISI 440 C), hardened, ground and polished. Bearing shell special brass CuZn38Al1.



- DIN ISO 12240-1 (DIN 648), series K (wide shape).
- Re-lubricateable (from size 6 with lubrication hole).
- Initial lubrication before use is required.
- Suitable for higher speeds at short time.
- Without additional outer ring.



Ordering Details: e.g.: Product No. 633 205 00, Spherical Bearing, Series K, Steel, re-lubricateable, 5mm

Product No. Standard	Product No. Stainless	d <sup>H7</sup> mm	B <sup>-0.1</sup> mm	C <sup>-0.3</sup> mm	D <sup>h6</sup> mm	d <sub>1</sub> mm	α °	Load Rating [kN]		Speed n <sub>max</sub> min <sup>-1</sup>	Weight g
								dynam. C	static C <sub>0</sub>		
633 205 00*	633 992 05	5	8	6	13	7,7	13	3,3	19,8	-	5
633 206 00	633 992 06	6	9	6,75	16	8,9	13	4,3	25,8	1500	9
633 208 00	633 992 08	8	12	9	19	10,4	14	7,1	42,6	1200	16
633 210 00	633 992 10	10	14	10,5	22	12,9	13	10	60	1000	25
633 212 00	633 992 12	12	16	12	26	15,4	13	13,5	80	860	40
633 214 00	633 992 14	14	19	13,5	28	16,8	16	17	103	750	51
633 216 00	633 992 16	16	21	15	32	19,3	15	21,5	129	660	76
633 218 00	633 992 18	18	23	16,5	35	21,8	15	26	157	600	97
633 220 00	633 992 20	20	25	18	40	24,3	14	31,5	189	540	141
633 222 00	633 992 22	22	28	20	42	25,8	15	38	229	500	168
633 225 00	633 992 25	25	31	22	47	29,6	15	47	293	440	231
633 230 00	633 992 30	30	37	25	55	34,8	17	64	416	370	362
633 235 00	633 992 35	35	43	28	62	37,7	19	80	480	330	502
633 240 00	633 992 40	40	49	35	72	44,2	16	116	693	290	832

\* Without lubrication bore.

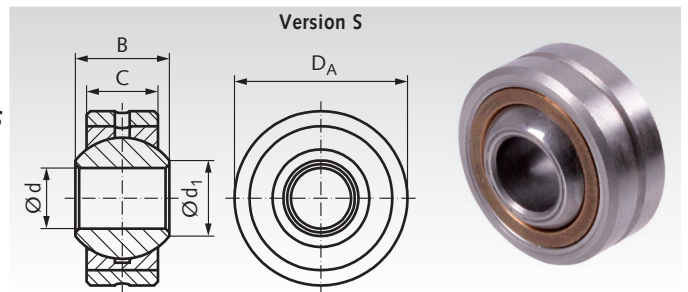
## Spherical Bearings Series K, Steel or Stainless Steel, re-lubricateable, with Outer Ring

**Material standard:** Inner ring bearing steel 100Cr6, hardened, ground and polished. Bearing shell special brass CuZn38Al1. Outer ring steel 9SMnPb28K, zinc-plated.

**Material stainless:** Inner ring stainless steel 1.4034 (AISI 440 C), hardened, ground and polished. Bearing shell special brass CuZn38Al1. Outer ring stainless steel 1.4305 (AISI 303).



- DIN ISO 12240-1 (DIN 648), series K (wide shape).
- Re-lubricateable, initial lubrication before use is required.
- Suitable for higher speeds at short time.
- With additional outer ring.



Ordering Details: e.g.: Product No. 633 005 00, Spherical Bearing, Series K, Steel, re-lubricateable, with Outer Ring, 5mm

Product No. Standard	Product No. Stainless	d <sup>H7</sup> mm	B <sup>-0.1</sup> mm	C <sup>±0.05</sup> mm	D <sub>A</sub> <sup>h6</sup> mm	d <sub>1</sub> mm	α °	Load Rating [kN]		Speed n <sub>max</sub> min <sup>-1</sup>	Weight g
								dynam. C	static C <sub>0</sub>		
633 005 00	633 990 05	5	8	6	16	7,7	13	3,3	19,8	1200	8
633 006 00	633 990 06	6	9	6,75	18	8,9	13	4,3	25,8	1500	12
633 008 00	633 990 08	8	12	9	22	10,4	14	7,1	42,6	1200	23
633 010 00	633 990 10	10	14	10,5	26	12,9	13	10	60	1000	38
633 012 00	633 990 12	12	16	12	30	15,4	13	13,5	80	860	58
633 014 00	633 990 14	14	19	13,5	34	16,8	16	17	103	750	83
633 016 00	633 990 16	16	21	15	38	19,3	15	21,5	129	660	115
633 018 00	633 990 18	18	23	16,5	42	21,8	15	26	157	600	150
633 020 00	633 990 20	20	25	18	46	24,3	14	31,5	189	540	200
633 022 00	633 990 22	22	28	20	50	25,8	15	38	229	500	270
633 025 00	633 990 25	25	31	22	56	29,6	15	47	293	440	375
633 030 00	633 990 30	30	37	25	66	34,8	17	64	416	370	540
633 035 00	633 990 35	35	43	28	78	37,7	19	80	480	330	850
633 040 00	633 990 40	40	49	35	87	44,2	16	116	693	290	1400