

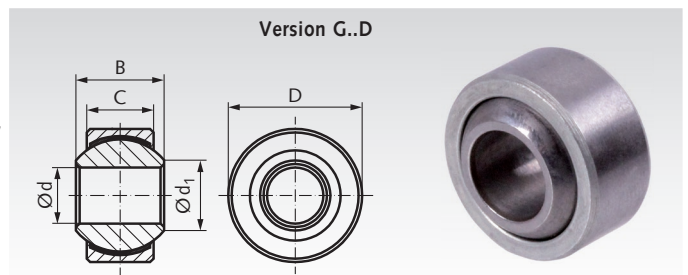
Spherical Bearings Series K, Steel or Stainless Steel, maintenance-free

Material standard: Inner ring bearing steel 100Cr6, hardened, ground and polished. Bearing shell free cutting steel, zinc-plated, with PTFE-lining.

Material stainless: Inner ring stainless steel 1.4034 (AISI 440 C), hardened, ground and polished. Bearing shell stainless steel 1.4571 (AISI 316 Ti), with PTFE-lining.



- DIN ISO 12240-1 (DIN 648), series K (wide shape).
- Maintenance-free.
- Suitable for high dynamic loads.
- Without additional outer ring.



Ordering Details: e.g.: Product No. 633 305 00, Spherical Bearing, Series K, Steel, maintenance-free, 5mm

Product No. Standard	Product No. Stainless	d ^{H7} mm	B ^{-0.1} mm	C ^{-0.3} mm	D ^{H6} mm	d ₁ mm	α °	Load Rating [kN]		Speed n _{max} min ⁻¹	Weight g
								dynam. C	static C ₀		
633 305 00	633 993 05	5	8	6	13	7,7	13	7,5	12,5	600	6
633 306 00	633 993 06	6	9	6,75	16	8,9	13	9,3	15,5	530	9
633 308 00	633 993 08	8	12	9	19	10,4	14	16,7	27,8	420	17
633 310 00	633 993 10	10	14	10,5	22	12,9	13	23,4	39	350	26
633 312 00	633 993 12	12	16	12	26	15,4	13	32	53,5	300	41
633 314 00	633 993 14	14	19	13,5	28	16,8	16	42	70	260	56
633 316 00	633 993 16	16	21	15	32	19,3	15	52,5	88	230	75
633 318 00	633 993 18	18	23	16,5	35	21,8	15	64	107	210	97
633 320 00	633 993 20	20	25	18	40	24,3	14	78	130	190	142
633 322 00	633 993 22	22	28	20	42	25,8	15	97	162	170	169
633 325 00	633 993 25	25	31	22	47	29,6	15	122	204	150	230
633 330 00	633 993 30	30	37	25	55	34,8	17	168	281	130	369
633 335 00	633 993 35	35	43	28	62	37,7	19	206	343	110	505
633 340 00	633 993 40	40	49	35	72	44,2	16	286	495	100	832

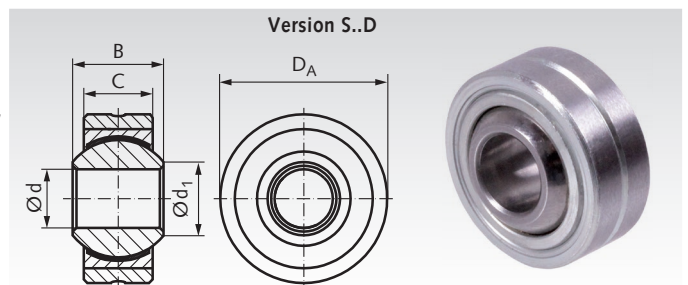
Spherical Bearings Series K, Steel or Stainless Steel, maintenance-free, with Outer Ring

Material standard: Inner ring bearing steel 100Cr6, hardened, ground and polished. Outer ring and bearing shell free cutting steel, zinc-plated. With PTFE-lining.

Material stainless: Inner ring stainless steel 1.4034 (AISI 440 C), hardened, ground and polished. Bearing shell stainless steel 1.4571 (AISI 316 Ti) with PTFE-lining. Outer ring stainless steel 1.4305 (AISI 303).



- DIN ISO 12240-1 (DIN 648), series K (wide shape).
- Maintenance-free.
- Suitable for high dynamic loads.
- With additional outer ring.



Ordering Details: e.g.: Product No. 633 105 00, Spherical Bearing, Series K, Steel, maintenance-free, with Outer Ring 5mm

Product No. Standard	Product No. Stainless	d ^{H7} mm	B ^{-0.1} mm	C ^{±0.05} mm	D _A ^{H6} mm	d ₁ mm	α °	Load Rating [kN]		Speed n _{max} min ⁻¹	Weight g
								dynam. C	static C ₀		
633 105 00	633 991 05	5	8	6	16	7,7	13	7,5	12,5	600	8
633 106 00	633 991 06	6	9	6,75	18	8,9	13	9,3	15,5	530	12
633 108 00	633 991 08	8	12	9	22	10,4	14	16,7	27,8	420	23
633 110 00	633 991 10	10	14	10,5	26	12,9	13	23,4	39	350	38
633 112 00	633 991 12	12	16	12	30	15,4	13	32	53,5	300	58
633 114 00	633 991 14	14	19	13,5	34	16,8	16	42	70	260	83
633 116 00	633 991 16	16	21	15	38	19,3	15	52,5	88	230	115
633 118 00	633 991 18	18	23	16,5	42	21,8	15	64	107	210	150
633 120 00	633 991 20	20	25	18	46	24,3	14	78	130	190	200
633 122 00	633 991 22	22	28	20	50	25,8	15	97	162	170	270
633 125 00	633 991 25	25	31	22	56	29,6	15	122	204	150	375
633 130 00	633 991 30	30	37	25	66	34,8	17	168	281	130	540
633 135 00	633 991 35	35	43	28	78	37,7	19	206	343	110	850
633 140 00	633 991 40	40	49	35	87	44,2	16	286	495	100	1400