



► **Spherical roller bearings**

Spherical roller bearings has two rows of rollers, mainly supporting the radial load, but also can bear axial load from any direction. With strong radial load capacity, spherical roller bearings are especially qualified of heavy duty or vibration load work, but can not bear the pure axial load. The outer ring of this kind of bearing spherical, which leads to better self-aligning performance and compensate for coaxial error.

调心滚子轴承具有两列滚子，主要承受径向载荷，同时也能承受任一方向的轴向载荷。有高的径向载荷能力，特别适用于重载或振动载荷下工作，但不能承受纯轴向载荷。该类轴承外圈滚道是球面形，故其调心性能良好，能补偿同轴度误差

Bearing No. 型号	Dimensions 尺寸			Load ratings(KN) 载荷		Limiting speeds(r/min) 转速		Mounting dimensions(mm) 安装尺寸			Mass(Kg) 重量
	d	D	B	Cr	Cor	Grease 脂	Oil 油	da min	Da max	ra max	≈
22205	25	52	18	40	42	8100	10000	30	46	1	0.168
22206	30	62	20	53	59	5600	6800	36	56	1	0.3
22207	35	72	23	79	87	4700	5800	42	65	1	0.435
22208	40	80	23	85	100	4600	5600	47	73	1	0.506
22209	45	85	23	85	100	4200	5200	52	78	1	0.61
22210	50	90	23	87	108	3900	4800	57	83	1	0.88
22211	55	100	25	105	129	3500	4300	64	91	1.5	0.82
22212	60	110	28	126	170	3200	4200	69	101	1.5	1.21
22213	65	120	31	155	201	2800	3500	74	111	1.5	1.62
22214	70	125	31	163	211	2700	3300	79	116	1.5	1.7
22215	75	130	31	167	222	2500	3200	84	121	1.5	1.8
22216	80	140	33	180	245	2300	3000	90	130	2	2.21
22217	85	150	36	216	286	2200	2800	95	140	2	2.85
22218	90	160	40	247	332	2000	2600	100	150	2	4.25
22219	95	170	43	286	391	2000	2400	107	158	2.1	4.25
22220	100	180	46	319	438	1800	2400	112	168	2.1	4.9
22222	110	200	53	417	592	1500	1900	122	188	2.1	7.5
22224	120	215	58	484	698	1400	1800	132	203	2.1	9
22226	130	230	64	567	834	1200	1600	144	216	2.5	11.3
22228	140	250	68	647	958	1100	1600	154	236	2.5	14.6
22230	150	270	73	760	1130	950	1300	164	256	2.5	18.45
22232	160	290	80	850	1280	950	1200	174	276	2.5	22.3
22234	170	310	86	975	1500	950	1200	188	292	3	28.45
22236	180	320	86	1010	1590	800	1000	198	302	3	30
22238	190	340	92	842	1555	750	1050	208	322	3	35.8
22240	200	360	98	947	1790	700	900	218	342	30	47
22244	220	400	108	1200	2280	650	850	238	382	3	61.8
22248	240	440	120	1650	2750	600	800	258	422	3	85.3