

9 to 40 mm

Designation	Boundary dimensions d	D	B	Balls d_m	D_W	Z	Dimensions d_1	D_1	$r_{1,2}$	Abutment dimensions $r_{a\,max}$	d_{amin}	$D_{a\,max}$	Weight m	Load rating C	C_0	$C_{0\,HY}$	Speed value n_{grease}	Designation
9 mm																		**9 mm**
609	9	24	7	16.7	3.969	8	13.45	19.90	0.3	0.3	11.5	21.0	0.023	3300	1390	980	37000	609
629	9	26	8	18.0	4.762	7	14.65	21.40	0.3	0.3	13.0	23.0	0.020	4350	1850	1300	35000	629
10 mm																		**10 mm**
6000	10	26	8	18.0	4.762	7	14.65	21.40	0.3	0.3	12.5	23.0	0.019	4350	1850	1300	34500	6000
6200	10	30	9	20.0	5.556	7	16.00	24.45	0.6	0.6	14.5	25.5	0.032	6000	2650	1850	31000	6200
12 mm																		**12 mm**
6001	12	28	8	20.0	4.762	8	16.65	23.40	0.3	0.3	14.5	25.0	0.022	4850	2210	1560	31000	6001
6001 X - 2Z	12	28	11.506	20.0	4.762	8	15.00	25.10	0.3	0.3	14.5	25.0	0.027	4850	2210	1560	31000	6001 X - 2Z
6201	12	32	10	22.0	5.953	7	18.30	26.00	0.6	0.6	16.5	27.5	0.037	6650	2950	2070	28000	6201
15 mm																		**15 mm**
6002	15	32	9	23.5	4.762	9	20.15	26.90	0.3	0.3	17.5	29.0	0.030	5300	2650	1860	26500	6002
6202	15	35	11	25.3	5.953	8	21.10	29.00	0.6	0.6	19.5	30.5	0.045	7400	3600	2550	25000	6202
17 mm																		**17 mm**
6003	17	35	10	26.0	4.762	10	22.65	29.40	0.3	0.3	20.0	31.5	0.039	5700	3050	2130	24000	6003
6203	17	40	12	28.5	6.747	8	24.10	32.95	0.6	0.6	21.5	35.0	0.065	9400	4700	3300	22000	6203
20 mm																		**20 mm**
6004	20	42	12	31.0	6.350	9	26.60	35.45	0.6	0.6	25.0	37.0	0.069	9800	5350	3800	20000	6004
6204	20	47	14	33.5	7.938	8	28.50	38.55	1.0	1.0	26.0	41.0	0.106	13900	7400	5200	18000	6204
25 mm																		**25 mm**
6005	25	47	12	36.0	6.350	10	32.20	40.05	0.6	0.6	30.0	42.0	0.080	10400	6250	4400	17000	6005
6205	25	52	15	39.1	7.938	9	34.04	44.05	1.0	1.0	31.0	46.0	0.128	15200	8900	6250	16000	6205
30 mm																		**30 mm**
6006	30	55	13	42.5	7.144	11	38.10	46.95	1.0	1.0	36.0	49.0	0.128	13200	8400	5850	14500	6006
6206	30	62	16	46.0	9.525	9	40.40	52.05	1.0	1.0	36.0	55.0	0.199	20000	11800	8300	13500	6206
35 mm																		**35 mm**
6207	35	72	17	53.5	11.112	9	47.40	60.50	1.0	1.0	43.0	64.0	0.315	28000	17200	12100	11500	6207
40 mm																		**40 mm**
6208	40	80	18	60.0	11.906	9	52.80	67.60	1.0	1.0	48.0	72.0	0.402	29500	18000	12700	10000	6208