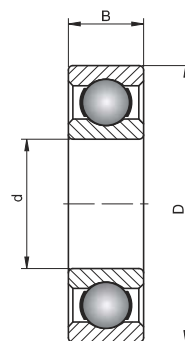


1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



10 – 25 mm

617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62.. 622..
632.. 63.. 623.. 633.. 64..

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
10	61700	7	0	10	15	3	0,0015	1,01	0,555
	61800	8	0	10	19	5	0,0055	1,38	0,585
	63800	3	8	10	19	7	0,0250	1,72	0,84
	61900	9	0	10	22	6	0,0100	1,95	0,75
	6000	0	0	10	26	8	0,0190	4,62	1,96
	16100	1	-1	10	28	8	0,0220	4,62	1,96
	6200	2	0	10	30	9	0,0320	5,07	2,36
	6300	3	0	10	35	11	0,0530	8,06	3,4
12	61701	7	0	12	18	4	0,0030	1,07	0,655
	61801	8	0	12	21	5	0,0063	1,43	0,67
	63801	3	8	12	21	7	0,0700	1,92	1,035
	61901	9	0	12	24	6	0,0110	2,25	0,98
	16001	0	-1	12	28	7	0,0220	5,1	2,39
	6001	0	0	12	28	8	0,0220	5,07	2,36
	16101	1	-1	12	30	8	0,0230	5,07	2,36
	6201	2	0	12	32	10	0,0370	6,89	3,1
15	6301	3	0	12	37	12	0,0600	9,75	4,15
	61702	7	0	15	21	4	0,0035	1,15	0,79
	61802	8	0	15	24	5	0,0074	1,56	0,8
	63802	3	8	15	24	7	0,0700	2,08	1,255
	61902	9	0	15	28	7	0,0160	4,03	2,04
	16002	0	-1	15	32	8	0,0250	5,59	2,85
	6002	0	0	15	32	9	0,0300	5,59	2,85
	6202	2	0	15	35	11	0,0450	7,8	3,75
17	6302	3	0	15	42	13	0,0820	11,4	5,4
	61703	7	0	17	23	4	0,0040	1,2	0,865
	61803	8	0	17	26	5	0,0082	1,68	0,93
	63803	3	8	17	26	7	0,0800	2,23	1,45
	61903	9	0	17	30	7	0,0180	4,36	2,32
	16003	0	-1	17	35	8	0,0320	6,05	3,25
	6003	0	0	17	35	10	0,0390	6,05	3,25
	6203	2	0	17	40	12	0,0650	9,56	4,75
20	6303	3	0	17	47	14	0,1200	135	6,55
	6403	4	0	17	62	17	0,2700	22,9	10,8
	61704	7	0	20	27	4	0,0050	1,79	1,32
	61804	8	0	20	32	7	0,0180	2,7	1,5
	61904	9	0	20	37	9	0,0380	6,37	3,65
	16004	0	-1	20	42	8	0,0500	6,89	4,05
	6004	0	0	20	42	12	0,0690	9,36	5
	6204	2	0	20	47	14	0,1100	12,7	6,55
22	6304	3	0	20	52	15	0,1400	15,9	7,8
	6404	4	0	20	72	19	0,4000	30,7	15
	60/22	0	0	22	44	12	0,0740	9,4	5,15
	62/22	2	0	22	50	14	0,1170	12,9	6,8
	63/22	3	0	22	56	16	0,1760	18,4	9,25
	61705	7	0	25	32	4	0,0060	1,93	1,55
	61805	8	0	25	37	7	0,0220	4,36	2,6
	61905	9	0	25	42	9	0,0450	6,63	4
25	16005	0	-1	25	47	8	0,0600	7,61	4,75
	6005	0	0	25	47	12	0,0800	11,2	6,55

🏠 - warehouse 📞 - order 📞 - phone

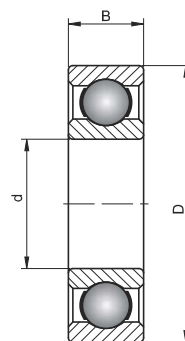


Limiting speed [rpm]		Basic makes*										Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS		
36000	42000	👉	👉	👉	👉	👉	👉	👉	👉	👉	61700	
32000	38000	👉	👉	👈	👉	👉	👈	👉	👈	👈	61800	
34000	40800	👉	👉	👉	👉	👉	👉	👉	👉	👉	63800	
30000	36000	👉	👉	👉	👉	👉	👈	👉	👈	👈	61900	
29000	34000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6000	
28000	34000	👈	👉	👉	👉	👉	👉	👉	👉	👉	16100	
25000	30000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6200	
23000	27000	👈	👈	👈	👈	👈	👈	👈	👈	👈	6300	
32000	38000	👉	👉	👉	👉	👉	👉	👉	👉	👉	61701	
29000	35000	👉	👉	👈	👉	👉	👈	👉	👈	👈	61801	
30500	36600	👉	👉	👉	👉	👉	👉	👉	👉	👉	63801	
27000	32000	👈	👉	👉	👉	👉	👈	👉	👈	👈	61901	
26000	30000	👈	👈	👉	👉	👉	👈	👈	👈	👈	16001	
26000	30000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6001	
26000	32000	👈	👉	👉	👉	👉	👉	👉	👉	👉	16101	
22000	26000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6201	
20000	24000	👈	👈	👈	👈	👈	👈	👈	👈	👈	6301	
29000	34000	👉	👉	👉	👉	👉	👉	👉	👉	👉	61702	
26000	31000	👈	👉	👈	👉	👉	👈	👉	👈	👈	61802	
26000	31500	👉	👉	👉	👉	👉	👉	👉	👉	👉	63802	
24000	28000	👉	👉	👉	👉	👉	👈	👉	👈	👈	61902	
22000	26000	👈	👈	👉	👉	👉	👈	👈	👉	👉	16002	
22000	26000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6002	
19000	23000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6202	
17000	21000	👈	👈	👈	👈	👈	👈	👈	👈	👈	6302	
26000	31000	👉	👉	👉	👉	👉	👉	👉	👉	👉	61703	
24000	28000	👈	👉	👈	👉	👉	👈	👉	👈	👈	61803	
23000	27600	👉	👉	👉	👉	👉	👉	👉	👉	👉	63803	
22000	26000	👉	👉	👉	👉	👉	👈	👉	👈	👈	61903	
20000	24000	👉	👈	👉	👉	👉	👉	👉	👉	👉	16003	
20000	24000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6003	
18000	21000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6203	
16000	19000	👈	👈	👉	👉	👉	👈	👈	👈	👈	6303	
14000	16000	👈	👈	👉	👉	👉	👈	👈	👈	👉	6403	
23000	28000	👉	👉	👉	👉	👉	👉	👉	👉	👉	61704	
21000	25000	👉	👉	👈	👉	👉	👈	👉	👈	👈	61804	
19000	23000	👈	👉	👉	👉	👉	👈	👉	👉	👉	61904	
18000	21000	👈	👈	👉	👉	👉	👈	👈	👉	👉	16004	
18000	21000	👉	👉	👈	👈	👈	👈	👈	👈	👈	6004	
16000	18000	👈	👉	👈	👈	👈	👈	👈	👈	👈	6204	
14000	17000	👉	👈	👈	👈	👈	👈	👈	👈	👈	6304	
12000	14000	👈	👈	👉	👈	👈	👈	👈	👈	👉	6404	
17000	20000	👈	👉	👈	👈	👈	👈	👈	👈	👈	60/22	
14000	17000	👈	👉	👈	👈	👈	👈	👈	👈	👈	62/22	
12000	15000	👈	👈	👈	👈	👈	👈	👈	👈	👈	63/22	
19000	23000	👉	👉	👉	👉	👉	👉	👉	👉	👉	61705	
18000	21000	👈	👉	👈	👉	👉	👈	👉	👈	👈	61805	
16000	19000	👉	👉	👉	👉	👉	👈	👉	👈	👈	61905	
15000	18000	👈	👈	👉	👉	👉	👈	👈	👉	👉	16005	
15000	18000	👉	👉	👈	👈	👈	👈	👈	👉	👉	6005	

* Other products also available

1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



25 – 55 mm

617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62.. 622..
632.. 63.. 623.. 633.. 64..

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
25 cont.	6205	2	0	25	52	15	0,1300	14	7,8
	6305	3	0	25	62	17	0,2300	22,5	11,6
	6405	4	0	25	80	21	0,5300	35,8	19,3
28	60/28	0	0	28	52	12	0,0980	12,2	7,4
	62/28	2	0	28	58	16	0,1710	17,9	9,75
	63/28	3	0	28	68	18	0,2840	26,7	14
30	61706	7	0	30	37	4	0,0080	2,05	1,78
	61806	8	0	30	42	7	0,0270	4,49	2,9
	61906	9	0	30	47	9	0,0510	7,28	4,55
	16006	0	-1	30	55	9	0,0850	11,2	7,35
	6006	0	0	30	55	13	0,1200	13,3	8,3
	6206	2	0	30	62	16	0,2000	19,5	11,2
	6306	3	0	30	72	19	0,3500	28,1	16
	6406	4	0	30	90	23	0,7400	43,6	23,6
32	60/32	0	0	32	58	13	0,1290	15,1	9,15
	62/32	2	0	32	65	17	0,2260	20,7	11,6
	63/32	3	0	32	75	20	0,3820	29,8	16,9
35	61807	8	0	35	47	7	0,0300	4,75	3,2
	61907	9	0	35	55	10	0,0800	9,56	6,2
	16007	0	-1	35	62	9	0,1100	12,4	8,15
	6007	0	0	35	62	14	0,1600	15,9	10,2
	6207	2	0	35	72	17	0,2900	25,5	15,3
	6307	3	0	35	80	21	0,4600	33,2	19
40	6407	4	0	35	100	25	0,9500	55,3	31
	61808	8	0	40	52	7	0,0340	4,94	3,45
	61908	9	0	40	62	12	0,1200	13,8	9,3
	16008	0	-1	40	68	9	0,1300	13,3	9,15
	6008	0	0	40	68	15	0,1900	16,8	11,6
	6208	2	0	40	80	18	0,3700	30,7	19
	6308	3	0	40	90	23	0,6300	41	24
	6408	4	0	40	110	27	1,2500	63,7	36,5
45	61809	8	0	45	58	7	0,0400	6,05	4,3
	61909	9	0	45	68	12	0,1400	10,1	6,7
	16009	0	-1	45	75	10	0,1700	15,6	10,8
	6009	0	0	45	75	16	0,2500	20,8	14,6
	6209	2	0	45	85	19	0,4100	33,2	21,6
	6309	3	0	45	100	25	0,8300	52,7	31,5
50	6409	4	0	45	120	29	1,5500	76,1	45
	61810	8	0	50	65	7	0,0520	6,24	4,75
	61910	9	0	50	72	12	0,1400	14,6	10,4
	16010	0	-1	50	80	10	0,1800	16,3	11,4
	6010	0	0	50	80	16	0,2600	21,6	16
	6210	2	0	50	90	20	0,4600	35,1	23,2
	6310	3	0	50	110	27	1,0500	61,8	38
55	6410	4	0	50	130	31	1,9000	87,1	52
	61811	8	0	55	72	9	0,0830	8,32	6,2
	61911	9	0	55	80	13	0,1900	15,9	11,4
	16011	0	-1	55	90	11	0,2600	19,5	14

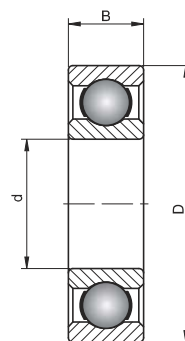


Limiting speed [rpm]		Basic makes*									Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS	
13000	15000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6205
12000	14000	☐	☐	☐	☐	☐	☐	☐	☐	☐	6305
10000	12000	☐	☐	☑	☐	☐	☐	☐	☐	☑	6405
14000	16000	☐	☑	☐	☐	☐	☐	☐	☐	☐	60/28
12000	14000	☐	☑	☐	☐	☐	☐	☐	☐	☐	62/28
10000	13000	☐	☐	☐	☐	☐	☐	☐	☐	☐	63/28
17000	20000	☑	☑	☑	☑	☑	☑	☑	☑	☑	61706
15000	18000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61806
14000	17000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61906
13000	15000	☐	☐	☑	☐	☐	☐	☐	☐	☐	16006
13000	15000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6006
11000	13000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6206
10000	12000	☐	☐	☐	☐	☐	☐	☐	☐	☐	6306
8800	10000	☐	☐	☑	☐	☐	☐	☐	☐	☑	6406
12000	12000	☐	☑	☐	☐	☐	☐	☐	☐	☐	60/32
11000	12000	☐	☑	☐	☐	☐	☐	☐	☐	☐	62/32
9000	11000	☐	☐	☐	☐	☐	☐	☐	☐	☐	63/32
13000	16000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61807
12000	15000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61907
12000	14000	☐	☐	☐	☐	☐	☐	☐	☐	☐	16007
12000	14000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6007
9800	11000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6207
8800	10000	☐	☐	☐	☐	☐	☐	☐	☐	☐	6307
7800	9100	☐	☐	☑	☐	☐	☐	☐	☐	☑	6407
12000	14000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61808
11000	13000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61908
10000	12000	☐	☐	☐	☐	☐	☐	☐	☐	☐	16008
10000	12000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6008
8700	10000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6208
7800	9200	☐	☐	☐	☐	☐	☐	☐	☐	☐	6308
7000	8200	☐	☐	☑	☐	☐	☐	☐	☐	☑	6408
11000	12000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61809
9800	12000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61909
9200	11000	☐	☐	☐	☐	☐	☐	☐	☐	☐	16009
9200	11000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6009
7800	9200	☐	☑	☐	☐	☐	☐	☐	☐	☐	6209
7000	8200	☐	☐	☐	☐	☐	☐	☐	☐	☐	6309
6300	7400	☐	☐	☑	☐	☐	☐	☐	☐	☑	6409
9600	11000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61810
8900	11000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61910
8400	9800	☐	☐	☐	☐	☐	☐	☐	☐	☐	16010
8400	9800	☐	☑	☐	☐	☐	☐	☐	☐	☐	6010
7100	8300	☐	☐	☐	☐	☐	☐	☐	☐	☐	6210
6400	7500	☐	☐	☐	☐	☐	☐	☐	☐	☐	6310
5700	6700	☐	☐	☑	☐	☐	☐	☐	☐	☑	6410
8700	10000	☐	☑	☐	☐	☐	☐	☐	☐	☐	61811
8200	9600	☐	☑	☐	☐	☐	☐	☐	☐	☐	61911
7700	9000	☐	☐	☐	☐	☐	☐	☐	☐	☐	16011

* Other products also available

1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



55 – 90 mm

617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62.. 622..
632.. 63.. 623.. 633.. 64..

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
55 cont.	6011	0	0	55	90	18	0,3900	28,1	21,2
	6211	2	0	55	100	21	0,6100	43,6	29
	6311	3	0	55	120	29	1,3500	71,5	45
	6411	4	0	55	140	33	2,3000	99,5	62
60	61812	8	0	60	78	10	0,1100	8,71	6,7
	61912	9	0	60	85	13	0,2000	16,5	12
	16012	0	-1	60	95	11	0,2800	19,9	15
	6012	0	0	60	95	18	0,4200	29,6	23,2
	6212	2	0	60	110	22	0,7800	47,5	32,5
	6312	3	0	60	130	31	1,7000	81,9	52
	6412	4	0	60	150	35	2,7500	108	69,5
65	61813	8	0	65	85	10	0,1300	11,7	9,15
	61913	9	0	65	90	13	0,2200	17,4	13,4
	16013	0	-1	65	100	11	0,3000	21,2	16,6
	6013	0	0	65	100	18	0,4400	30,7	25
	6213	2	0	65	120	23	0,9900	55,9	40,5
	6313	3	0	65	140	33	2,1000	92,3	60
	6413	4	0	65	160	37	3,3000	119	78
70	61814	8	0	70	90	10	0,1400	12,1	10
	61914	9	0	70	100	16	0,3500	23,8	18,3
	16014	0	-1	70	110	13	0,4300	28,1	25
	6014	0	0	70	110	20	0,6000	37,7	31
	6214	2	0	70	125	24	1,1000	60,5	45
	6314	3	0	70	150	35	2,5000	104	68
	6414	4	0	70	180	42	4,8500	143	10,4
75	61815	8	0	75	95	10	0,1500	12,5	10,8
	61915	9	0	75	105	16	0,3700	24,2	19,3
	16015	0	-1	75	115	13	0,4600	28,6	27
	6015	0	0	75	115	20	0,6400	39,7	33,5
	6215	2	0	75	130	25	1,2000	66,3	49
	6315	3	0	75	160	37	3,0000	111,4	76,5
	6415	4	0	75	190	45	6,8000	153	114
80	61816	8	0	80	100	10	0,1500	12,4	10,8
	61916	9	0	80	110	16	0,4000	25,1	20,4
	16016	0	-1	80	125	14	0,6000	33,2	31,5
	6016	0	0	80	125	22	0,8500	47,5	40
	6216	2	0	80	140	26	1,4000	70,2	55
	6316	3	0	80	170	39	3,6000	124	86,5
	6416	4	0	80	200	48	8,0000	163	125
85	61817	8	0	85	110	13	0,2700	19,5	16,6
	61917	9	0	85	120	18	0,5500	31,9	30
	16017	0	-1	85	130	14	0,6300	33,8	33,5
	6017	0	0	85	130	22	0,8900	49,4	43
	6217	2	0	85	150	28	1,8000	83,2	64
	6317	3	0	85	180	41	4,2500	133	96,5
	6417	4	0	85	210	52	9,5000	174	137
90	61818	8	0	90	115	13	0,2800	19,5	17
	61918	9	0	90	125	18	0,5900	33,2	31,5
	16018	0	-1	90	140	16	0,8500	33,5	33,5

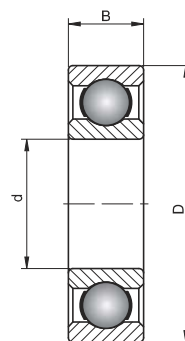


Limiting speed [rpm]		Basic makes*									Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS	
7700	9000	☐	☑	☐	☐	☐	☐	☐	☐	☐	6011
6400	7600	☐	☐	☐	☐	☐	☐	☐	☐	☐	6211
5800	6800	☐	☐	☑	☐	☐	☐	☐	☐	☐	6311
5200	6100	☐	☐	☑	☐	☐	☐	☐	☑	☑	6411
8000	9400	☐	☑	☑	☑	☑	☑	☑	☑	☑	61812
7600	8900	☐	☑	☑	☑	☑	☑	☑	☑	☑	61912
7000	8300	☐	☐	☑	☑	☑	☐	☐	☑	☑	16012
7000	8300	☐	☑	☐	☐	☐	☐	☐	☐	☐	6012
6000	7000	☐	☐	☐	☐	☐	☐	☐	☐	☐	6212
5400	6300	☐	☐	☑	☐	☐	☐	☐	☐	☑	6312
4800	5700	☐	☐	☑	☐	☐	☐	☐	☑	☑	6412
7400	8700	☐	☑	☑	☑	☑	☑	☑	☑	☑	61813
7000	8200	☐	☑	☑	☑	☑	☑	☑	☑	☑	61913
6500	7700	☐	☐	☑	☑	☑	☐	☐	☑	☑	16013
6500	7700	☐	☑	☐	☐	☐	☐	☐	☐	☐	6013
5500	6500	☐	☐	☐	☐	☐	☐	☐	☐	☐	6213
4900	5800	☐	☐	☑	☐	☐	☐	☐	☐	☑	6313
4400	5200	☐	☐	☑	☐	☐	☐	☐	☑	☑	6413
6900	8100	☐	☑	☑	☑	☑	☑	☑	☑	☑	61814
6500	7700	☐	☑	☑	☑	☑	☑	☑	☑	☑	61914
6100	7100	☐	☐	☑	☑	☑	☐	☐	☑	☑	16014
6100	7100	☐	☐	☑	☐	☐	☐	☐	☐	☐	6014
5100	6000	☐	☐	☐	☐	☐	☐	☐	☐	☐	6214
4600	5400	☐	☐	☑	☐	☐	☐	☐	☐	☑	6314
4100	4800	☐	☐	☑	☐	☐	☐	☐	☑	☑	6414
6400	7600	☐	☑	☑	☑	☑	☑	☑	☑	☑	61815
6100	7200	☐	☑	☑	☑	☑	☑	☑	☑	☑	61915
5700	6700	☐	☐	☑	☑	☑	☐	☐	☑	☑	16015
5700	6700	☐	☐	☑	☐	☐	☐	☐	☐	☐	6015
4800	5600	☐	☐	☐	☐	☐	☐	☐	☐	☐	6215
4300	5000	☐	☐	☑	☐	☐	☐	☐	☐	☑	6315
3800	4500	☐	☐	☑	☐	☐	☐	☐	☑	☑	6415
6000	7100	☐	☑	☑	☑	☑	☑	☑	☑	☑	61816
5700	6700	☐	☑	☑	☑	☑	☑	☑	☑	☑	61916
5300	6200	☐	☐	☑	☑	☑	☐	☐	☑	☑	16016
5300	6200	☐	☐	☑	☐	☐	☐	☐	☐	☐	6016
4500	5300	☐	☐	☐	☐	☐	☐	☐	☐	☐	6216
4000	4700	☐	☐	☑	☐	☐	☐	☐	☐	☑	6316
3600	4200	☐	☐	☑	☐	☐	☐	☐	☑	☑	6416
5700	6700	☐	☑	☑	☑	☑	☑	☑	☑	☑	61817
5400	6300	☐	☑	☑	☑	☑	☑	☑	☑	☑	61917
5000	5900	☐	☐	☑	☑	☑	☐	☐	☑	☑	16017
5000	5900	☐	☐	☑	☐	☐	☐	☐	☐	☐	6017
4200	5000	☐	☐	☐	☐	☐	☐	☐	☐	☐	6217
3800	4500	☐	☐	☑	☐	☐	☐	☐	☐	☑	6317
3400	4000	☐	☐	☑	☐	☐	☐	☐	☑	☑	6417
5400	6300	☐	☑	☑	☑	☑	☑	☑	☑	☑	61818
5100	6000	☐	☑	☑	☑	☑	☑	☑	☑	☑	61918
4700	5600	☐	☐	☑	☑	☑	☐	☐	☑	☑	16018

* Other products also available

1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



90 – 140 mm

617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62.. 622..
632.. 63.. 623.. 633.. 64..

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
90 cont.	6018	0	0	90	140	24	1,1500	58,5	50
	6218	2	0	90	160	30	2,1500	95,6	73,5
	6318	3	0	90	190	43	4,9000	143	108
	6418	4	0	90	225	54	11,5000	186	150
95	61819	8	0	95	120	13	0,3000	19,9	17,6
	16019	0	-1	95	145	16	0,8850	34,5	35
	6019	0	0	95	145	24	1,2000	60,5	54
	6219	2	0	95	170	32	2,6000	108	81,5
	6319	3	0	95	200	45	5,6500	153	118
	6419	4	0	95	240	55	13,4000	186	153
100	61820	8	0	100	125	13	0,3100	19,9	18,3
	61920	9	0	100	140	20	0,8300	42,3	41,5
	16020	0	-1	100	150	16	0,9100	44,2	44
	6020	0	0	100	150	24	1,2500	60,5	54
	6220	2	0	100	180	34	3,1500	124	93
	6320	3	0	100	215	47	7,5600	174	140
	6420	4	0	100	250	58	15,0000	206	175
105	61821	8	0	105	130	13	0,3200	20,8	19,6
	16021	0	-1	105	160	18	1,2000	52	51
	6021	0	0	105	160	26	1,6000	72,8	65,5
	6221	2	0	105	190	36	3,7000	133	104
	6321	3	0	105	225	49	8,2500	182	153
	6421	4	0	105	260	60	16,8000	207	179
110	61822	8	0	110	140	16	0,6000	28,1	26
	61922	9	0	110	150	20	0,9000	43,6	45
	16022	0	-1	110	170	19	1,4500	57,2	57
	6022	0	0	110	170	28	1,9500	81,9	73,5
	6222	2	0	110	200	38	4,3500	143	118
	6322	3	0	110	240	50	9,5500	203	180
	6422	4	0	110	280	65	21,3000	247	227
120	61824	8	0	120	150	16	0,6500	29,1	28
	61924	9	0	120	165	22	1,2000	55,3	57
	16024	0	-1	120	180	19	1,6000	60,5	64
	6024	0	0	120	180	28	2,0500	85,2	80
	6224	2	0	120	215	40	5,1500	146	118
	6324	3	0	120	260	55	14,5000	208	186
130	6424	4	0	120	310	72	29,0000	291	287
	61826	8	0	130	165	18	0,9300	37,7	43
	61926	9	0	130	180	24	1,6000	65	67
	16026	0	-1	130	200	22	2,3500	79,3	81,5
	6026	0	0	130	200	33	3,1500	85,2	80
	6226	2	0	130	230	40	5,8000	156	132
140	6326	3	0	130	280	58	18,0000	229	216
	6426	4	0	130	340	78	38,0000	300	298
	61828	8	0	140	175	18	0,9900	39	46,5
	61928	9	0	140	190	24	1,7000	66,3	72
	16028	0	-1	140	210	22	2,5000	80,6	86,5
	6028	0	0	140	210	33	3,3500	85,2	80
	6228	2	0	140	250	42	7,4500	165	150

🏠 - warehouse 📞 - order 📞 - phone

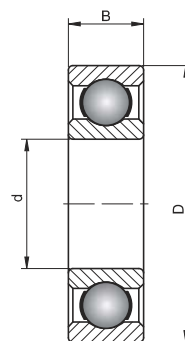


Limiting speed [rpm]		Basic makes*									Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS	
4700	5600	☐	☐	☑	☐	☐	☐	☐	☐	☐	6018
4000	4700	☐	☐	☑	☐	☐	☐	☐	☐	☐	6218
3600	4200	☐	☐	☑	☐	☐	☐	☐	☐	☑	6318
3200	3800	☐	☐	☑	☐	☐	☐	☐	☑	☑	6418
5000	5900	☐	☑	☑	☑	☑	☑	☑	☑	☑	61819
4500	5300	☐	☐	☑	☑	☑	☐	☐	☑	☑	16019
4500	5300	☐	☐	☑	☐	☐	☐	☐	☐	☐	6019
3700	4400	☐	☐	☑	☐	☐	☐	☐	☐	☐	6219
3300	3900	☐	☐	☑	☐	☐	☐	☐	☑	☑	6319
3000	3500	☐	☐	☑	☐	☐	☐	☐	☑	☑	6419
4800	5600	☐	☑	☑	☑	☑	☑	☑	☑	☑	61820
4500	5300	☐	☑	☑	☑	☑	☑	☑	☑	☑	61920
4200	5000	☐	☐	☑	☑	☑	☐	☐	☑	☑	16020
4200	5000	☐	☐	☑	☐	☐	☐	☐	☐	☐	6020
3500	4200	☐	☐	☑	☐	☐	☐	☐	☐	☐	6220
3200	3700	☐	☐	☑	☐	☐	☐	☐	☑	☑	6320
2900	3400	☐	☐	☑	☐	☐	☐	☐	☑	☑	6420
4600	5400	☐	☑	☑	☑	☑	☑	☑	☑	☑	61821
4000	4700	☐	☐	☑	☑	☑	☐	☐	☑	☑	16021
4000	4700	☐	☐	☑	☐	☐	☐	☐	☐	☐	6021
3400	4000	☐	☐	☑	☐	☐	☐	☐	☐	☐	6221
3000	3600	☐	☐	☑	☐	☐	☐	☐	☑	☑	6321
2700	3200	☐	☐	☑	☐	☐	☐	☐	☑	☑	6421
4300	5100	☐	☑	☑	☑	☑	☑	☑	☑	☑	61822
4100	4800	☐	☑	☑	☑	☑	☑	☑	☑	☑	61922
3800	4500	☐	☐	☑	☑	☑	☐	☐	☑	☑	16022
3800	4500	☐	☐	☑	☐	☐	☐	☐	☐	☐	6022
3200	3800	☐	☐	☑	☐	☐	☐	☐	☐	☐	6222
2900	3400	☐	☐	☑	☐	☐	☐	☐	☑	☑	6322
2600	3000	☐	☐	☑	☐	☐	☐	☐	☑	☑	6422
4000	4700	☐	☑	☑	☑	☑	☑	☑	☑	☑	61824
3800	4400	☐	☑	☑	☑	☑	☑	☑	☑	☑	61924
3500	4100	☐	☐	☑	☑	☑	☐	☐	☑	☑	16024
3500	4100	☐	☐	☑	☐	☐	☐	☐	☐	☐	6024
2900	3400	☐	☐	☑	☐	☐	☐	☐	☐	☐	6224
2600	3100	☐	☐	☑	☐	☐	☐	☐	☑	☑	6324
2300	2800	☐	☐	☑	☐	☐	☐	☐	☑	☑	6424
3700	4300	☐	☑	☑	☑	☑	☑	☑	☑	☑	61826
3500	4100	☐	☑	☑	☑	☑	☑	☑	☑	☑	61926
3200	3800	☐	☐	☑	☑	☑	☐	☐	☑	☑	16026
3200	3800	☐	☐	☑	☐	☐	☐	☐	☐	☐	6026
2700	3100	☐	☐	☑	☐	☐	☐	☐	☐	☐	6226
2400	2800	☐	☐	☑	☐	☐	☐	☐	☑	☑	6326
2200	2500	☐	☐	☑	☐	☐	☐	☐	☑	☑	6426
3400	4000	☐	☑	☑	☑	☑	☑	☑	☑	☑	61828
3200	3800	☐	☑	☑	☑	☑	☑	☑	☑	☑	61928
3000	3500	☐	☐	☑	☑	☑	☐	☐	☑	☑	16028
3000	3500	☐	☐	☑	☐	☐	☐	☐	☑	☑	6028
2500	2900	☐	☐	☑	☐	☐	☐	☐	☐	☐	6228

* Other products also available

1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62.. 622..
632.. 63.. 623.. 633.. 64..

140 – 240 mm

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
140 cont.	6328	3	0	140	300	62	22,0000	251	245
150	61830	8	0	150	190	20	1,1600	47,5	55
	61930	9	0	150	210	28	2,4700	85	90,5
	16030	0	-1	150	225	24	3,1500	92,3	98
	6030	0	0	150	225	35	4,8000	125	125
	6230	2	0	150	270	45	9,4000	174	166
	6330	3	0	150	320	65	26,0000	276	285
160	61832	8	0	160	200	20	1,4500	49,4	64
	61932	9	0	160	220	28	2,6100	87	96
	16032	0	-1	160	240	25	3,7000	99,5	108
	6032	0	0	160	240	38	5,9000	143	143
	6232	2	0	160	290	48	14,5000	186	186
	6332	3	0	160	340	68	29,0000	276	285
170	61834	8	0	170	215	22	1,9000	61,8	78
	61934	9	0	170	230	28	2,7400	86	95,5
	16034	0	-1	170	260	28	5,0000	119	129
	6034	0	0	170	260	42	7,9000	168	173
	6234	2	0	170	310	52	17,5000	212	224
	6334	3	0	170	360	72	34,5000	312	340
180	61836	8	0	180	225	22	2,0000	62,4	81,5
	61936	9	0	180	250	33	4,7600	110	119
	16036	0	-1	180	280	31	6,6000	138	146
	6036	0	0	180	280	46	10,5000	190	200
	6236	2	0	180	320	52	18,5000	229	240
	6336	3	0	180	380	75	42,5000	351	405
190	61838	8	0	190	240	24	2,6200	73	88
	16038	0	-1	190	290	31	7,9000	148	166
	6038	0	0	190	290	46	11,0000	195	216
	6238	2	0	190	340	55	22,8000	255	280
	6338	3	0	190	400	78	49,0000	371	430
200	61840	8	0	200	250	24	2,7000	76,1	102
	61940	9	0	200	280	38	7,4000	148	166
	16040	0	-1	200	310	34	8,8500	168	190
	6040	0	0	200	310	51	14,0000	216	245
	6240	2	0	200	360	58	28,0000	270	310
	6340	3	0	200	420	80	55,5000	377	465
220	61844	8	0	220	270	24	3,0000	78	110
	61944	9	0	220	300	38	8,0000	151	180
	16044	0	-1	220	340	37	11,5000	174	204
	6044	0	0	220	340	56	18,5000	247	290
	6244	2	0	220	400	65	37,0000	296	365
	6344	3	0	220	460	88	60,8000	410	520
240	61848	8	0	240	300	28	4,6000	98,5	127
	61948	9	0	240	320	38	8,2800	170	203
	16048	0	-1	240	360	37	12,1000	178	217
	6048	0	0	240	360	56	19,5000	255	315
	6248	2	0	240	440	72	51,0000	340	431
	6348	3	0	240	500	95	93,3000	470	624

🏠 - warehouse 📞 - order 📞 - phone

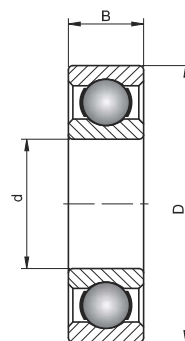


Limiting speed [rpm]		Basic makes*										Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS		
2200	2600	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6328
3100	3700	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61830
3000	3500	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61930
2800	3200	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16030
2800	3200	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6030
2300	2700	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6230
2000	2400	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6330
2900	3400	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61832
2800	3300	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61932
2600	3000	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16032
2600	3000	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6032
2100	2500	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6232
1900	2300	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6332
2700	3200	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61834
2600	3100	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61934
2400	2800	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16034
2400	2800	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6034
2000	2400	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6234
1800	2100	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6334
2600	3000	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61836
2400	2900	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61936
2300	2700	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16036
2300	2700	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6036
1900	2200	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6236
1700	2000	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6336
2400	2900	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61838
2100	2500	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16038
2100	2500	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6038
1800	2100	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6238
1600	1900	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6338
2300	2700	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61840
2200	2600	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61940
2000	2400	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16040
2000	2400	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6040
1700	2000	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6240
1500	1800	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6340
2100	2400	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61844
2000	2300	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61944
1800	2200	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16044
1800	2200	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6044
1500	1800	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6244
1400	1600	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6344
1900	2200	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61848
1800	2100	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	61948
1700	2000	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	16048
1700	2000	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6048
1300	1600	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6248
1300	1500	☺	☺	☺	☺	☺	☺	☺	☺	☺	☺	6348

* Other products also available

1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62..
632.. 63.. 623.. 633.. 64..

260 – 420 mm

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
260	61852	8	0	260	320	28	4,8000	111	163
	61952	9	0	260	360	46	14,5000	212	270
	16052	0	-1	260	400	44	18,5000	227	299
	6052	0	0	260	400	65	25,0000	291	375
	6252	2	0	260	480	80	65,5000	390	530
	6352	3	0	260	540	102	116,0000	531	741
280	61856	8	0	280	350	33	7,4000	138	200
	61956	9	0	280	380	46	15,5000	216	285
	16056	0	-1	280	420	44	23,0000	232	315
	6056	0	0	280	420	65	31,0000	325	420
	6256	2	0	280	500	80	71,0000	423	600
	6356	3	0	280	580	108	145,0000	568	845
300	61860	8	0	300	380	38	10,5000	162	210
	61960	9	0	300	420	56	23,5000	276	375
	16060	0	-1	300	460	50	32,5000	292	410
	6060	0	0	300	460	74	43,8000	355	480
	6260	2	0	300	540	85	89,5000	441	663
	6360	3	0	300	620	109	169,0000	593	886
320	61864	8	0	320	400	38	10,9000	168	228
	61964	9	0	320	440	56	24,8000	285	405
	16064	0	-1	320	480	50	34,2000	300	440
	6064	0	0	320	480	74	46,0000	371	540
	6264	2	0	320	580	92	113,0000	489	744
	6364	3	0	320	670	112	207,0000	634	1010
340	61868	8	0	340	420	38	11,5000	170	236
	61968	9	0	340	460	56	26,2000	293	430
	16068	0	-1	340	520	57	47,1000	340	515
	6068	0	0	340	520	82	62,0000	423	640
	6268	2	0	340	620	92	131,0000	511	817
	6368	3	0	340	710	118	238,0000	704	1160
360	61872	8	0	360	440	38	12,3000	187	258
	61972	9	0	360	480	56	27,5000	300	455
	16072	0	-1	360	540	57	49,3000	350	550
	6072	0	0	360	540	82	64,5000	462	735
	6272	2	0	360	650	95	144,0000	557	904
380	61876	8	0	380	480	46	19,7000	231	340
	61976	9	0	380	520	65	39,8000	325	510
	16076	0	-1	380	560	57	51,0000	377	620
	6076	0	0	380	560	82	67,5000	455	725
	6276	2	0	380	680	95	162,0000	584	990
400	61880	8	0	400	500	46	20,6000	235	350
	61980	9	0	400	540	65	41,6000	335	535
	16080	0	-1	400	600	63	65,0000	358	587
	6080	0	0	400	600	90	87,5000	520	865
	6280	2	0	400	720	103	197,0000	628	1080
420	61884	8	0	420	520	46	21,6000	260	405
	61984	9	0	420	560	65	43,4000	340	560
	16084	0	-1	420	620	63	69,9000	367	617

🏠 - warehouse 📞 - order 📞 - phone

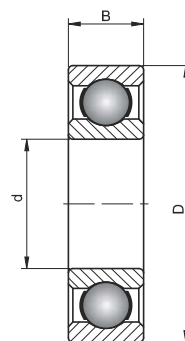


Limiting speed [rpm]		Basic makes*										Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS		
1700	2000	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61852	
1600	1900	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61952	
1500	1800	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16052	
1500	1800	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6052	
1100	1400	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6252	
1200	1400	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6352	
1600	1900	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61856	
1500	1800	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61956	
1400	1600	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16056	
1400	1600	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6056	
1100	1400	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6256	
1100	1300	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6356	
1500	1700	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61860	
1400	1600	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61960	
1300	1500	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16060	
1300	1500	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6060	
1000	1350	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6260	
1000	1150	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6360	
1400	1600	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61864	
1300	1500	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61964	
1200	1400	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16064	
1200	1400	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6064	
950	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6264	
900	1050	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6364	
1300	1500	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61868	
1200	1400	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61968	
1100	1300	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16068	
1100	1300	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6068	
900	1100	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6268	
800	950	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6368	
1200	1400	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61872	
1100	1300	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61972	
1100	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16072	
1100	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6072	
850	1000	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6272	
1100	1300	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61876	
1100	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61976	
950	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16076	
990	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6076	
800	900	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6276	
1100	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61880	
990	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61980	
890	1080	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16080	
930	1100	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6080	
700	800	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	6280	
1000	1200	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61884	
940	1100	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	61984	
810	1000	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	⊕	16084	

* Other products also available

1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



420 – 1000 mm

617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62..
632.. 63.. 623.. 633.. 64..

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
420 cont.	6084	0	0	420	620	90	91,1000	530	895
440	61888	8	0	440	540	46	22,5000	264	420
	61988	9	0	440	600	74	60,0000	365	615
	16088	0	-1	440	650	67	81,7000	407	710
460	61892	8	0	460	580	56	34,8000	315	515
	61992	9	0	460	620	74	62,2000	375	645
	16092	0	-1	460	680	71	91,2000	431	767
480	61896	8	0	480	600	56	36,5000	325	600
	61996	9	0	480	650	78	73,0000	430	770
	16096	0	-1	480	700	71	98,5000	444	807
500	618/500	8	0	500	620	56	37,5000	325	560
	619/500	9	0	500	670	78	75,5000	445	805
	160/500	0	-1	500	720	71	102,0000	455	846
	60/500	0	0	500	720	100	128,0000	600	1100
530	618/530	8	0	530	650	56	39,5000	330	580
	619/530	9	0	530	710	82	89,2000	512	975
	60/530	0	0	530	780	112	184,0000	679	1300
560	618/560	8	0	560	680	56	41,5000	335	600
	619/560	9	0	560	750	85	101,0000	525	1020
	60/560	0	0	560	820	115	199,0000	763	1520
600	618/600	8	0	600	730	60	51,7000	375	705
	619/600	9	0	600	800	90	127,0000	592	1200
	60/600	0	0	600	870	118	236,0000	790	1640
630	618/630	8	0	630	780	69	73,0000	442	965
	619/630	9	0	630	850	100	163,0000	657	1370
	60/630	0	0	630	920	128	276,0000	841	1770
670	618/670	8	0	670	820	69	77,5000	442	1000
	619/670	9	0	670	900	103	187,0000	673	1450
	60/670	0	0	670	980	136	337,0000	870	1920
710	618/710	8	0	710	870	74	93,5000	475	1100
	619/710	9	0	710	950	106	213,0000	766	1730
	60/710	0	0	710	1030	140	394,0000	1020	2310
750	618/750	8	0	750	920	78	110,0000	527	1250
	619/750	9	0	750	1000	140	246,0000	785	1820
	60/750	0	0	750	1090	150	473,0000	1050	2500
800	618/800	8	0	800	980	82	130,0000	559	1370
	619/800	9	0	800	1060	115	280,0000	850	2020
	60/800	0	0	800	1150	155	533,0000	1090	2690
900	618/900	8	0	900	1090	85	160,0000	618	1600
950	618/950	8	0	950	1150	90	190,0000	701	1740
1000	618/1000	8	0	1000	1220	100	245,0000	637	1800

🏠 - warehouse 📞 - order 📞 - phone

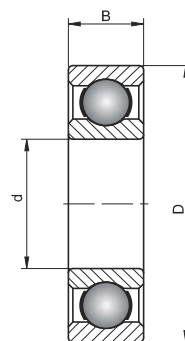


Limiting speed [rpm]		Basic makes*										Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS		
880	1000	↗	↗	↗	↗	↗	↗	↗	↗	↗	6084	
950	1100	↗	↗	↗	↗	↗	↗	↗	↗	↗	61888	
890	1000	↗	↗	↗	↗	↗	↗	↗	↗	↗	61988	
730	920	↗	↗	↗	↗	↗	↗	↗	↗	↗	16088	
900	1100	↗	↗	↗	↗	↗	↗	↗	↗	↗	61892	
850	1000	↗	↗	↗	↗	↗	↗	↗	↗	↗	61992	
650	840	↗	↗	↗	↗	↗	↗	↗	↗	↗	16092	
850	1000	↗	↗	↗	↗	↗	↗	↗	↗	↗	61896	
810	950	↗	↗	↗	↗	↗	↗	↗	↗	↗	61996	
570	760	↗	↗	↗	↗	↗	↗	↗	↗	↗	16096	
820	970	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/500	
770	910	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/500	
490	680	↗	↗	↗	↗	↗	↗	↗	↗	↗	160/500	
750	900	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/500	
770	900	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/530	
726	863	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/530	
670	800	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/530	
710	840	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/560	
684	820	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/560	
630	750	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/560	
660	780	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/600	
642	777	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/600	
590	700	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/600	
630	750	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/630	
600	734	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/630	
560	670	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/630	
560	670	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/670	
558	691	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/670	
500	600	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/670	
530	630	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/710	
516	648	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/710	
480	560	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/710	
500	600	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/750	
474	605	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/750	
435	500	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/750	
450	530	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/800	
432	562	↗	↗	↗	↗	↗	↗	↗	↗	↗	619/800	
395	445	↗	↗	↗	↗	↗	↗	↗	↗	↗	60/800	
380	450	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/900	
360	420	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/950	
340	400	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/1000	

* Other products also available

1. RADIAL CONTACT DEEP-GROOVE BALL BEARINGS

1.2 Single-row deep-groove ball bearings
– dimensions from 10 mm – non-sealed



617.. 618.. 628.. 638.. 619..
160.. 60.. 630.. 161.. 62.. 622..
632.. 63.. 623.. 633.. 64..

1060 – 1400 mm

Shaft [mm]	Bearing No.	Series		Dimensions [mm]			Weight [kg]	Basic load ratings [kN]	
		SD	SB	d	D	B		dyn. C	stat. C ₀
1060	618/1060	8	0	1060	1280	100	260,0000	728	2120
1120	618/1120	8	0	1120	1360	106	319,0000	886	2410
1180	618/1180	8	0	1180	1420	106	334,0000	919	2580
1250	618/1250	8	0	1250	1500	112	478,0000	927	2670
1320	618/1320	8	0	1320	1600	122	504,0000	1040	3130
1400	618/1400	8	0	1400	1700	132	621,0000	1130	3510

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Limiting speed [rpm]		Basic makes*										Bearing No.
grease	oil	-	M	TN	N	NR	C3	C4	P66	SS		
300	360	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/1060	
265	315	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/1120	
230	280	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/1180	
200	240	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/1250	
175	200	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/1320	
150	170	↗	↗	↗	↗	↗	↗	↗	↗	↗	618/1400	

* Other products also available