

Deep Groove Ball Bearings

└ Maximum Type Ball Bearings

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
25	52	15	1	14400	10500	12000	15000	BL205	
25	52	15	1	14400	10500	12000	-	BL205ZZ	
25	62	17	1.1	21500	15500	11000	13000	BL305	
25	62	17	1.1	21500	15500	11000	-	BL305ZZ	
30	62	16	1	21000	16300	10000	12000	BL206	
30	62	16	1	21000	16300	10000	-	BL206ZZ	
30	72	19	1.1	27900	20700	9000	11000	BL306	
30	72	19	1.1	27900	20700	9000	-	BL306ZZ	
35	72	17	1.1	27800	22100	9000	11000	BL207	
35	72	17	1.1	27800	22100	9000	-	BL207ZZ	
35	80	21	1.5	37000	29100	8000	9500	BL307	
35	80	21	1.5	37000	29100	8000	-	BL307ZZ	
40	80	18	1.1	35500	28800	8000	9500	BL208	
40	80	18	1.1	35500	28800	8000	-	BL208ZZ	
40	90	23	1.5	46500	36000	7500	9000	BL308	
40	90	23	1.5	46500	36000	7500	-	BL308ZZ	
45	85	19	1.1	37000	32000	7500	9000	BL209	
45	85	19	1.1	37000	32000	7500	-	BL209ZZ	
45	100	25	1.5	55500	44000	6300	8000	BL309	
45	100	25	1.5	55500	44000	6300	-	BL309ZZ	
50	90	20	1.1	39000	35000	6700	8500	BL210	
50	90	20	1.1	39000	35000	6700	-	BL210ZZ	
50	110	27	2	65000	52500	6000	7100	BL310	
50	110	27	2	65000	52500	6000	-	BL310ZZ	
55	100	21	1.5	48000	44000	5300	7500	BL211	
55	100	21	1.5	48000	44000	5300	-	BL211ZZ	
55	120	29	2	75000	61500	5600	6700	BL311	
55	120	29	2	75000	61500	5600	-	BL311ZZ	
60	110	22	1.5	58000	54000	5600	6700	BL212	
60	110	22	1.5	58000	54000	5600	-	BL212ZZ	
60	130	31	2.1	85500	71500	5000	6000	BL312	
60	130	31	2.1	85500	71500	5000	-	BL312ZZ	
65	120	23	1.5	63500	60000	5300	6300	BL213	
65	120	23	1.5	63500	60000	5300	-	BL213ZZ	
65	140	33	2.1	103000	89500	4800	5600	BL313	
65	140	33	2.1	103000	89500	4800	-	BL313ZZ	
70	125	24	1.5	69000	66000	5000	6000	BL214	
70	125	24	1.5	69000	66000	5000	-	BL214ZZ	
70	150	35	2.1	115000	102000	4300	5300	BL314	
70	150	35	2.1	115000	102000	4300	-	BL314ZZ	
75	130	25	1.5	72000	72000	4500	5600	BL215	
75	130	25	1.5	72000	72000	4500	-	BL215ZZ	
75	160	37	2.1	126000	116000	4000	5000	BL315	
75	160	37	2.1	126000	116000	4000	-	BL315ZZ	
80	140	26	2	84000	85000	4300	5300	BL216	
80	140	26	2	84000	85000	4300	-	BL216ZZ	

Boundary Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		
80	170	39	2.1	136000	130000	3800	4500	BL316	
80	170	39	2.1	136000	130000	3800	-	BL316ZZ	
85	150	28	2	93000	93000	4000	5000	BL217	
85	150	28	2	93000	93000	4000	-	BL217ZZ	
85	180	41	3	147000	145000	3600	4300	BL317	
85	180	41	3	147000	145000	3600	-	BL317ZZ	
90	160	30	2	107000	107000	3800	4500	BL218	
90	160	30	2	107000	107000	3800	-	BL218ZZ	
90	190	43	3	158000	161000	3400	4000	BL318	
90	190	43	3	158000	161000	3400	-	BL318ZZ	
95	170	32	2.1	121000	123000	3600	4300	BL219	
95	170	32	2.1	121000	123000	3600	-	BL219ZZ	
95	200	45	3	169000	178000	2800	3600	BL319	
95	200	45	3	169000	178000	2800	-	BL319ZZ	
100	180	34	2.1	136000	140000	3400	4000	BL220	
100	180	34	2.1	136000	140000	3400	-	BL220ZZ	
105	190	36	2.1	148000	157000	3200	3800	BL221	
105	190	36	2.1	148000	157000	3200	-	BL221ZZ	
110	200	38	2.1	160000	176000	2800	3400	BL222	
110	200	38	2.1	160000	176000	2800	-	BL222ZZ	