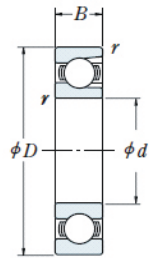


MAXIMUM TYPE BALL BEARINGS Bore Diameter 17 – 110 mm

TYPE BL



Open Type

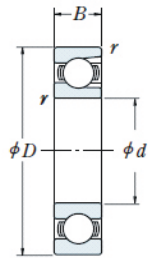


Shielded Type
(Two Shields) ZZ

Boundary dimensions			Limiting speeds						Basic load ratings		Mass		Bearing number	
d	D	B	rpm		r _s min ³⁾	C _r	C _{or}	kg.						
			grease	oil										
17	40	12	17000	19000	1	12.19	6.58	0.075	BL 203	BL 203 ZZ				
20	47	14	15000	16000	1	16.26	9.51	0.12	BL 204	BL 204 ZZ				
20	52	15	13000	15000	1.1	20.2	11.3	0.163	BL 304	BL 304 ZZ				
25	52	15	12000	14000	1	17	10.5	0.142	BL 205	BL 205 ZZ				
25	62	17	11000	12000	1.1	26.9	15.6	0.258	BL 305	BL 305 ZZ				
30	62	16	10000	12000	1	24.9	16.3	0.214	BL 206	BL 206 ZZ				
30	72	19	9000	11000	1.1	33	20.7	0.389	BL 306	BL 306 ZZ				
35	72	17	8800	10000	1.1	33	22.1	0.318	BL 207	BL 207 ZZ				
35	80	21	7900	9300	1.5	43.5	28.7	0.5	BL 307	BL 307 ZZ				
40	80	18	7800	9200	1.1	39	27.8	0.4	BL 208	BL 208 ZZ				
40	90	23	7000	8200	1.5	55	36	0.68	BL 308	BL 308 ZZ				
45	85	19	7000	8200	1.1	44	32	0.454	BL 209	BL 209 ZZ				
45	100	25	6300	7400	1.5	65.5	44	0.953	BL 309	BL 309 ZZ				
50	90	20	6400	7500	1.1	46	35	0.5	BL 210	BL 210 ZZ				
50	110	27	5700	6700	2	76.5	52.5	1.22	BL 310	BL 310 ZZ				
55	100	21	5800	6800	1.5	57	44	0.68	BL 211	BL 211 ZZ				
55	120	29	5200	6100	2	94	67.5	1.55	BL 311	BL 311 ZZ				
60	110	22	5400	6300	1.5	68.5	54	0.862	BL 212	BL 212 ZZ				
60	130	31	4800	5700	2.1	107	78.5	1.91	BL 312	BL 312 ZZ				
65	120	23	4900	5800	1.5	75	60	1.09	BL 213	BL 213 ZZ				
65	140	33	4400	5200	2.1	121	89.5	2.35	BL 313	BL 313 ZZ				
70	125	24	4600	5400	1.5	81.5	66	1.18	BL 214	BL 214 ZZ				
70	150	35	4100	4800	2.1	136	102	2.94	BL 314	BL 314 ZZ				
75	130	25	4300	5000	1.5	85	71.5	1.27	BL 215	BL 215 ZZ				

MAXIMUM TYPE BALL BEARINGS Bore Diameter 17 – 110 mm

TYPE BL



Open Type



Shielded Type
(Two Shields) ZZ

Boundary dimensions			Limiting speeds						Basic load ratings		Mass		Bearing number	
mm	mm	mm	grease	oil	rpm	r _s min ³⁾	Cr	Cor	kg.					
d	D	B												
75	160	37	3800	4500	2.1	149	116	3.59	BL 315	BL 315 ZZ				
80	140	26	4000	4700	2	99.5	85	1.59	BL 216	BL 216 ZZ				
80	170	39	3600	4200	2.1	161	130	3.94	BL 316	BL 316 ZZ				
85	150	28	3800	4400	2	107	92.5	2.04	BL 217	BL 217 ZZ				
85	180	41	3400	4000	3	174	145	4.67	BL 317	BL 317 ZZ				
90	160	30	3600	4200	2	131	114	2.49	BL 218	BL 218 ZZ				
90	190	43	3200	3800	3	187	161	5.9	BL 318	BL 318 ZZ				
95	170	32	3400	3900	2.1	143	123	3.09	BL 219	BL 219 ZZ				
95	200	45	3000	3500	3	200	178	6.8	BL 319	BL 319 ZZ				
100	180	34	3200	3700	2.1	160	139	3.64	BL 220	BL 220 ZZ				
100	215	47	2900	3400	3	227	211	8.3	BL 320	BL 320 ZZ				
105	190	36	3000	3600	2.1	174	157	4.41	BL 221	BL 221 ZZ				
105	225	49	2700	3200	3	241	230	9.46	BL 321	BL 321 ZZ				
110	200	38	2900	3400	2.1	189	175	5.13	BL 222	BL 222 ZZ				
110	240	50	2600	3100	3	269	269	11	BL 322	BL 322 ZZ				