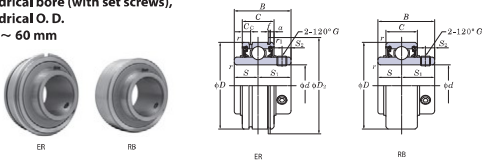


Ball Bearing Inserts

ER, RB
Cylindrical bore (with set screws),
Cylindrical O. D.
d: 12 ~ 60 mm



Shaft Dia. mm inch	Dimensions inch mm						Basic Load Ratings kN			Factor f_0	Bearing No.		Dimensions inch mm								Set Screw Brg. Bore G		Mass kg	
	d	D	B	C	r (min.)	r_1 (min.)	C_1	C_2	f_1		(ER)	(RB)	S	S_1	S_2	C_c	a	f	D_2	mm	inch	(ER)	(RB)	
12 1/2	47	1.220	0.630	0.024	0.020	12.8	6.65	13.2	ER201	RB201									M6x0.75	—	0.27	0.27		
									ER201-8	RB201-8	0.500	0.720	0.197	0.157	0.094	0.042	2.067	—	1/8-28UNF	—	0.27	0.27		
15 3/8	31	1.6	0.6	0.6	0.5	12.8	6.65	13.2	ER202	RB202									M6x0.75	—	0.25	0.25		
									ER202-10	RB202-10	12.7	18.3	5	4	2.38	1.07	52.5	—	1/8-28UNF	—	0.25	0.25		
17 5/8	47	1.220	0.630	0.039	0.020	12.8	6.65	13.2	ER203	RB203									M6x0.75	—	0.24	0.24		
									ER204-12	RB204-12	0.500	0.720	0.197	0.157	0.094	0.042	2.067	—	1/8-28UNF	—	0.22	0.22		
20 3/4	47	31	1.6	1	0.5	12.8	6.65	13.2	ER204	RB204									M6x0.75	—	0.22	0.22		
									ER205-14	RB205-14	12.7	18.3	5	4	2.38	1.07	52.5	—	1/8-28UNF	—	0.22	0.22		
25 1	52	34.1	1.9	1	0.5	14.0	7.85	13.9	ER205	RB205									M6x0.75	—	0.28	0.27		
									ER205-15	RB205-15	0.563	0.780	0.217	0.197	0.094	0.042	2.272	—	1/8-28UNF	—	0.27	0.26		
30 1 1/8	62	38.1	2.2	1	0.5	19.5	11.3	13.9	ER206-16	RB206-16									M6x0.75	—	0.39	0.38		
									ER206-18	RB206-18	0.563	0.780	0.217	0.197	0.094	0.042	2.272	—	1/8-28UNF	—	0.39	0.38		
35 1 1/4	72	42.9	2.4	1.1	0.5	25.7	15.4	13.9	ER206	RB206									M6x0.75	—	0.37	0.36		
									ER206-19	RB206-19	0.626	0.874	0.236	0.217	0.125	0.065	2.657	—	1/8-28UNF	—	0.37	0.36		
40 1 1/2	80	49.2	2.8	1.1	0.5	29.1	17.8	14.0	ER207-20	RB207-20									M8x1	—	0.69	0.68		
									ER207-21	RB207-21	0.689	1.000	0.256	0.217	0.125	0.065	3.087	—	3/16-24UNF	—	0.66	0.65		
45 1 3/8	85	49.2	2.8	1.1	0.5	34.1	21.3	14.0	ER207-22	RB207-22									M8x1	—	0.64	0.63		
									ER207-23	RB207-23	0.748	1.189	0.315	0.236	0.125	0.065	3.402	—	3/16-24UNF	—	0.63	0.62		
50 2	90	51.6	2.8	1.1	0.5	35.1	23.3	14.4	ER208-24	RB208-24									M8x1	—	0.85	0.84		
									ER208-25	RB208-25	0.748	1.189	0.315	0.236	0.125	0.065	3.402	—	3/16-24UNF	—	0.82	0.81		
55 2 1/8	100	55.6	3.0	1.5	0.5	43.4	29.4	14.4	ER208	RB208									M8x1	—	0.81	0.78		
									ER209-26	—	0.748	1.189	0.315	0.236	0.125	0.065	3.598	—	3/16-24UNF	—	1.0	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER209-27	—									M8x1	—	0.96	—		
									ER209-28	—	19	30.2	8	6	3.18	1.65	91.4	—	3/16-24UNF	—	0.92	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER209	—									M8x1	—	0.90	—		
									ER210-30	—	0.748	1.283	0.354	0.295	0.125	0.095	3.791	—	3/16-24UNF	—	1.05	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER210-31	—									M10x1.25	—	1.0	—		
									ER210-32	—	19	32.6	9	7.5	3.18	2.41	96.3	—	3/16-24UNF	—	0.98	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER211-32	—									M10x1.25	—	0.96	—		
									ER211-33	—	0.874	1.315	0.354	0.295	0.125	0.095	4.185	—	3/16-24UNF	—	1.56	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER211-34	—									M10x1.25	—	1.45	—		
									ER211	—	22.2	33.4	9	7.5	3.18	2.41	106.3	—	3/16-24UNF	—	1.41	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER211-35	—									M10x1.25	—	1.39	—		
									ER212	—	1.000	1.563	0.413	0.295	0.125	0.095	4.583	—	3/16-24UNF	—	2.02	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER212-36	—									M10x1.25	—	1.89	—		
									ER212-38	—	25.4	39.7	10.5	7.5	3.18	2.41	116.4	—	3/16-24UNF	—	1.87	—		
60 2 1/2	110	65.1	3.2	1.5	0.5	52.4	36.2	14.4	ER212-39	—									M10x1.25	—	1.8	—		
									ER212-39	—	25.4	39.7	10.5	7.5	3.18	2.41	116.4	—	3/16-24UNF	—	1.8	—		