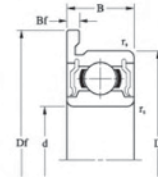
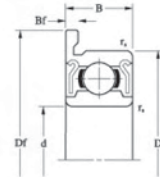
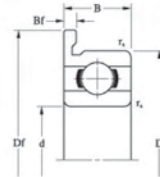
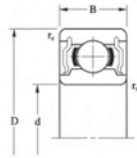
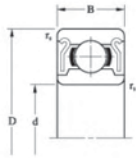
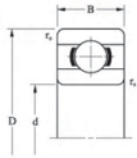


# Extra thin metric series: 6700, 6800, 6900



Technical

Dimension

Bore Diameter: d		Outer Diameter: D		Flange Diameter: Df		Radius rs(min)		Width: B		Flange Width: Bf		Bearing Reference			
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Open	Flange Open	Shield	Flange Shield
35	1.3780	44	1.7323	—	—	0.30	0.0118	5	0.1969	—	—	6707	—	—	—
		47	1.8504	50.0	1.9685	0.30	0.0118	7	0.2756	1.5	0.0591	6807	F6807	6807ZZ	F6807ZZ
		55	2.1654	58.0	2.2835	0.60	0.0236	10	0.3937	2.5	0.0984	6907	F6907	6907ZZ	F6907ZZ
40	1.5748	50	1.9685	—	—	0.30	0.0118	6	0.2362	—	—	6708	—	—	—
		52	2.0472	55.0	2.1654	0.30	0.0118	7	0.2756	1.5	0.0591	6808	F6808	6808ZZ	F6808ZZ
		62	2.4409	65.0	2.5591	0.60	0.0236	12	0.4724	2.5	0.0984	6908	F6908	6908ZZ	F6908ZZ
45	1.7717	55	2.1654	—	—	0.3	0.0118	6	0.2362	—	—	6709	—	—	—
		58	2.2835	61	2.4016	0.3	0.0118	7	0.2756	1.5	0.0591	6809	F6809	6809ZZ	F6809ZZ
		68	2.6772	71	2.7953	0.6	0.0236	12	0.4724	2.5	0.0984	6909	F6909	6909ZZ	F6909ZZ
50	1.9685	62	2.4409	—	—	0.3	0.0118	6	0.2362	—	—	6710	—	—	—
		65	2.5591	68	2.6772	0.3	0.0118	7	0.2756	1.5	0.0591	6810	F6810	6810ZZ	F6810ZZ
		72	2.8346	75	2.9528	0.6	0.0236	12	0.4724	2.5	0.0984	6910	F6910	6910ZZ	F6910ZZ
55	2.1654	72	2.8346	—	—	0.3	0.0118	9	0.3543	—	—	6811	—	6811ZZ	—
		80	3.1496	—	—	1.0	0.0394	13	0.5118	—	—	6911	—	6911ZZ	—
60	2.3622	78	3.0709	—	—	0.3	0.0118	10	0.3937	—	—	6812	—	6812ZZ	—
		85	3.3465	—	—	1.0	0.0394	13	0.5118	—	—	6912	—	6912ZZ	—
65	2.5591	85	3.3465	—	—	0.6	0.0236	10	0.3937	—	—	6813	—	6813ZZ	—
		90	3.5433	—	—	1.0	0.0394	13	0.5118	—	—	6913	—	6913ZZ	—
70	2.7559	90	3.5433	—	—	0.6	0.0236	10	0.3937	—	—	6814	—	6814ZZ	—
		100	3.9370	—	—	1.0	0.0394	16	0.6299	—	—	6914	—	6914ZZ	—
75	2.9528	95	3.7402	—	—	0.6	0.0236	10	0.3937	—	—	6815	—	6815ZZ	—
		105	4.1339	—	—	1.0	0.0394	16	0.6299	—	—	6915	—	6915ZZ	—
80	3.1496	100	3.9370	—	—	0.6	0.0236	10	0.3937	—	—	6816	—	6816ZZ	—
		110	4.3307	—	—	1.0	0.0394	16	0.6299	—	—	6916	—	6916ZZ	—
85	3.3465	110	4.3307	—	—	1.0	0.0394	13	0.5118	—	—	6817	—	6817ZZ	—
		120	4.7244	—	—	1.1	0.0433	18	0.7087	—	—	6917	—	6917ZZ	—
90	3.5433	115	4.5278	—	—	1.0	0.0394	13	0.5118	—	—	6818	—	6818ZZ	—
		125	4.9213	—	—	1.1	0.0433	18	0.7087	—	—	6918	—	6918ZZ	—

1) Bearings also available with single shield or seal : suffix Z, RS, RU or TS  
 2) Bearings also available with stainless material : suffix H  
 3) SUJ2 bearings use RJ type retainer, stainless bearings use J type retainer.

Seal	Load Rating		Max. Speed		Cage Type	Ball Complement			Weight (Ref.)			
	Cr(N)	Cor(N)	Grease	Oil		Qty.:Z	Size:Dw		Shield	Flange Shield		
							mm	inch				
2RS	2RU	TTS	x1000rpm			pcs.	mm	inch	g			
—	—	—	1866	1635	4.9	6	W	26	2.000	0.0787	15.0	—
2RS	2RU	—	4729	3821	13	16	J,RJ	19	3.500	0.1378	32.0	34.7
2RS	2RU	—	10900	7818	12	14	RJ	14	5.953	0.2344	87.0	92.2
2RS	—	—	2516	2233	4.3	5	W	25	2.381	0.0937	23.0	—
2RS	2RU	—	4923	4178	12	14	J	21	3.500	0.1378	35.0	38.0
2RS	2RU	—	13678	9968	11	13	RJ	14	6.747	0.2656	131	137
2RS	—	—	2580	2397	3.9	4.6	W	27	2.381	0.0937	25.0	—
2RS	2RU	—	6187	5381	11.0	13.0	J	21	3.969	0.1563	42.0	45.3
2RS	2RU	—	14100	10830	9.7	11.0	RJ	15	6.747	0.2656	147	153
2RS	—	—	2670	2640	3.5	4.1	W	30	2.381	0.0937	64.0	—
2RS	2RU	—	6610	6090	9.6	11.0	J,RJ	24	3.969	0.1563	52.0	—
2RS	2RU	—	14540	11710	9.0	11.0	RJ	16	6.747	0.2656	133	—
2RS	2RU	—	8900	8100	8.7	10.0	RJ	22	4.782	0.1875	83.0	—
2RS	—	—	16800	14100	8.1	9.6	RJ	17	7.144	0.2813	185	—
2RS	—	—	11500	10600	8.0	9.4	RJ	21	5.556	0.2187	104	—
2RS	—	—	20200	17300	7.5	8.9	RJ	17	7.938	0.3125	192	—
2RS	—	—	11900	11500	7.3	8.6	RJ	23	5.556	0.2187	126	—
2RS	—	—	17400	16100	7.1	8.4	RJ	19	7.144	0.2813	211	—
2RS	—	—	12100	11900	6.8	8.1	RJ	24	5.556	0.2187	134	—
2RS	—	—	23700	21200	6.4	7.6	RJ	17	8.731	0.3437	342	—
2RS	—	—	12500	12900	12.5	12.9	RJ	26	5.556	0.2187	142	—
2RS	—	—	24400	22600	6.1	7.2	RJ	18	8.731	0.3437	363	—
2RS	2RU	—	12700	13300	12.7	13.3	RJ	27	5.556	0.2187	150	—
2RS	—	—	25000	24000	5.7	6.8	RJ	19	8.731	0.3437	382	—
2RS	—	—	18700	19000	5.6	6.6	RJ	23	7.144	0.2813	266	—
2RS	—	—	31900	29600	5.3	6.3	RJ	17	10.319	0.4063	535	—
2RS	—	—	19000	19700	5.3	6.3	RJ	24	7.144	0.2813	279	—
2RS	—	—	32800	31600	5.1	6.0	RJ	18	10.319	0.4063	565	—