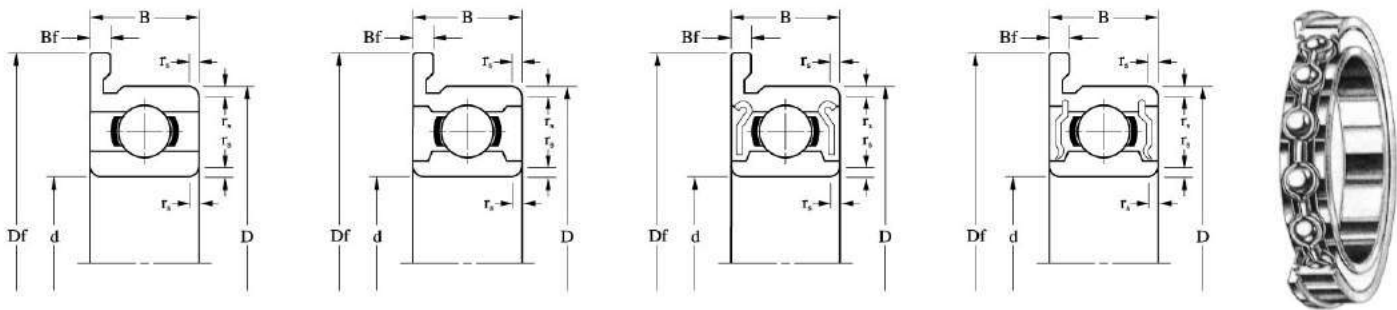
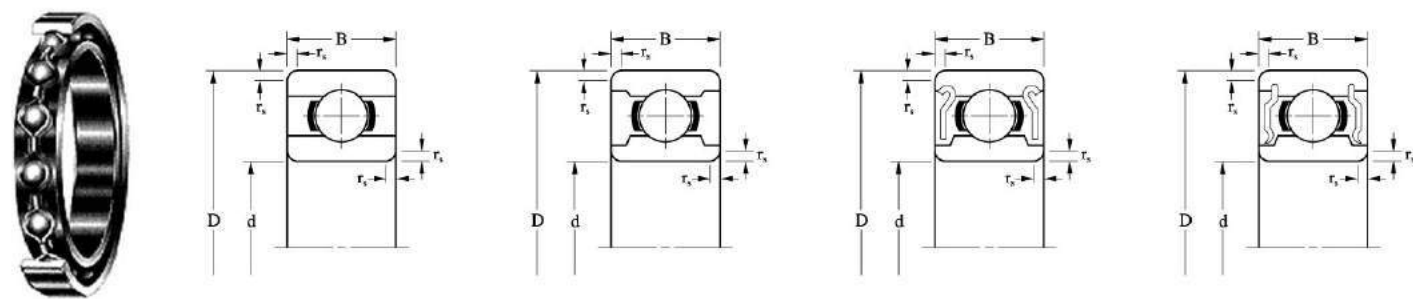


Extra thin metric series: 6700, 6800, 6900 (10 ≤ d ≤ 30mm)



Bore Diameter: d		Outer Diameter: D		Flange Diameter: Df		Chamfer r _s (min)		Width: B		Flange Width: Bf		Bearing Reference			
												Open	Flange Open	2 Shields	Flange 2 Shields
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch				
10	0.3937	15	0.5906	16.5	0.6496	0.15 ⁽⁴⁾	0.0059 ⁽⁴⁾	3	0.1181	0.8	0.0315	6700	F6700	—	—
		15	0.5906	16.5	0.6496	0.15 ⁽⁴⁾	0.0059 ⁽⁴⁾	4	0.1575	0.8	0.0315	—	—	6700ZZ	F6700ZZ
		19	0.7480	21.0	0.8268	0.30	0.0118	5	0.1969	1.0	0.0394	6800 ⁽¹⁾	F6800 ⁽¹⁾	6800ZZ	F6800ZZ
		19	0.7480	21.0	0.8268	0.30	0.0118	7	0.2756	1.5	0.0591	63800 ⁽¹⁾	F63800 ⁽¹⁾	63800ZZ	F63800ZZ
		22	0.8661	25.0	0.9843	0.30	0.0118	6	0.2362	1.5	0.0591	6900 ⁽¹⁾	F6900 ⁽¹⁾	6900ZZ	F6900ZZ
12	0.4724	18	0.7087	19.5	0.7677	0.20	0.0079	4	0.1575	0.8	0.0315	6701 ⁽¹⁾	F6701 ⁽¹⁾	6701ZZ	F6701ZZ
		21	0.8268	23.0	0.9055	0.30	0.0118	5	0.1969	1.1	0.0433	6801 ⁽¹⁾	F6801 ⁽¹⁾	6801ZZ	F6801ZZ
		21	0.8268	23.0	0.9055	0.30	0.0118	7	0.2756	1.5	0.0591	63801 ⁽¹⁾	F63801 ⁽¹⁾	63801ZZ	F63801ZZ
		24	0.9449	26.5	1.0433	0.30	0.0118	6	0.2362	1.5	0.0591	6901 ⁽¹⁾	F6901 ⁽¹⁾	6901ZZ	F6901ZZ
15	0.5906	21	0.8268	22.5	0.8858	0.20	0.0079	4	0.1575	0.8	0.0315	6702 ⁽¹⁾	F6702 ⁽¹⁾	6702ZZ	F6702ZZ
		24	0.9449	26.0	1.0236	0.30	0.0118	5	0.1969	1.1	0.0433	6802 ⁽¹⁾	F6802 ⁽¹⁾	6802ZZ	F6802ZZ
		24	0.9449	26.0	1.0236	0.30	0.0118	7	0.2756	1.5	0.0591	63802 ⁽¹⁾	F63802 ⁽¹⁾	63802ZZ	F63802ZZ
		28	1.1024	30.5	1.2008	0.30	0.0118	7	0.2756	1.5	0.0591	6902 ⁽¹⁾	F6902 ⁽¹⁾	6902ZZ	F6902ZZ
17	0.6693	23	0.9055	24.5	0.9646	0.20	0.0079	4	0.1575	0.8	0.0315	6703 ⁽¹⁾	F6703 ⁽¹⁾	6703ZZ	F6703ZZ
		26	1.0236	28.0	1.1024	0.30	0.0118	5	0.1969	1.1	0.0433	6803 ⁽¹⁾	F6803 ⁽¹⁾	6803ZZ	F6803ZZ
		26	1.0236	28.0	1.1024	0.30	0.0118	7	0.2756	1.5	0.0591	63803 ⁽¹⁾	F63803 ⁽¹⁾	63803ZZ	F63803ZZ
		30	1.1811	32.5	1.2795	0.30	0.0118	7	0.2756	1.5	0.0591	6903 ⁽¹⁾	F6903 ⁽¹⁾	6903ZZ	F6903ZZ
20	0.7874	27	1.0630	28.5	1.1220	0.20	0.0079	4	0.1575	0.8	0.0315	6704 ⁽¹⁾	F6704 ⁽¹⁾	6704ZZS	F6704ZZS
		32	1.2598	35.0	1.3780	0.30	0.0118	7	0.2756	1.5	0.0591	6804 ⁽¹⁾	F6804 ⁽¹⁾	6804ZZ	F6804ZZ
		32	1.2598	—	—	0.30	0.0118	10	0.3937	—	—	63804 ⁽¹⁾	—	63804ZZ	—
		37	1.4567	40.0	1.5748	0.30	0.0118	9	0.3543	2.0	0.0787	6904 ⁽¹⁾	F6904 ⁽¹⁾	6904ZZ	F6904ZZ
25	0.9843	32	1.2598	34.0	1.3386	0.20	0.0079	4	0.1575	1.0	0.0394	6705 ⁽¹⁾	F6705 ⁽¹⁾	—	—
		37	1.4567	40.0	1.5748	0.30	0.0118	7	0.2756	1.5	0.0591	6805 ⁽¹⁾	F6805 ⁽¹⁾	6805ZZ	F6805ZZ
		37	1.4567	—	—	0.30	0.0118	10	0.3937	—	—	63805 ⁽¹⁾	—	63805ZZ	—
		42	1.6535	45.0	1.7717	0.30	0.0118	9	0.3543	2.0	0.0787	6905 ⁽¹⁾	F6905 ⁽¹⁾	6905ZZ	F6905ZZ
30	1.1811	37	1.4567	39.0	1.5354	0.20	0.0079	4	0.1575	1.0	0.0394	6706 ⁽¹⁾	F6706 ⁽¹⁾	—	—
		42	1.6535	45.0	1.7717	0.30	0.0118	7	0.2756	1.5	0.0591	6806 ⁽¹⁾	F6806 ⁽¹⁾	6806ZZ	F6806ZZ
		47	1.8504	50.0	1.9685	0.30	0.0118	9	0.3543	2.0	0.0787	6906 ⁽¹⁾	F6906 ⁽¹⁾	6906ZZ	F6906ZZ

(1) Open type bearings have shield/seal grooves.
(2) Single shield or single seal types are also available; suffix Z, RS, RU or TS.
(3) Suffix H is added for stainless material types. Load ratings of stainless material types are calculated by Cr×0.85 and Cor×0.80 of SUJ2 material types.
(4) Not according to JIS B 1521.
(5) SUJ2 bearings use RJ type retainers, but stainless bearings use J type retainers.
(6) Weight of open type.
(7) Applicable only for open, single Z, ZZ, single RU and 2RU types in inner ring rotating conditions. Max. speeds for the contact rubber seal(s) types will be around 50-60% of above values.

2Seals			Load Rating		Max. Speed		Cage Type	Ball Complement			Weight(Ref.)	
			Cr(N)	Cor(N)	Grease	Oil		Qty.:Z	Size:Dw		2 Shields	Flange 2 Shields
2RS	2RU	TTS	(N)		x1000min ⁻¹			pcs.	mm	inch	g	
—	—	—	857	435	15	17	W	11	1.588	0.0625	1.3 ⁽⁶⁾	1.6 ⁽⁶⁾
2RS	—	TTS	857	435	15	17	W	11	1.588	0.0625	1.8	2.0
2RS	2RU	—	1 720	840	34	40	J,TW	10	2.381	0.0937	5.1	5.6
2RS	2RU	—	1 720	840	34	40	J,TW	10	2.381	0.0937	7.0	7.8
2RS	2RU	—	2 700	1 270	31	37	J	9	3.175	0.1250	9.4	10.6
2RS	—	TTS	928	532	13	15	W	13	1.588	0.0625	2.8	3.1
2RS	2RU	—	1 920	1 040	30	36	J,TW	12	2.381	0.0937	5.7	6.3
2RS	2RU	—	1 920	1 040	30	36	J,TW	12	2.381	0.0937	7.9	8.7
2RS	2RU	—	2 890	1 460	28	33	J	10	3.175	0.1250	10.8	11.9
2RS	—	TTS	937	581	11	13	W	14	1.588	0.0625	3.4	3.7
2RS	2RU	—	2 070	1 260	26	31	J	14	2.381	0.0937	6.7	7.4
2RS	2RU	—	2 070	1 260	26	31	J	14	2.381	0.0937	9.3	10.2
2RS	2RU	—	4 330	2 250	24	29	J	10	3.969	0.1563	16.0	17.3
2RS	—	TTS	999	657	9.5	11	W	16	1.588	0.0625	3.8	4.1
2RS	2RU	—	2 230	1 460	24	29	J,TW	16	2.381	0.0937	7.5	8.3
2RS	2RU	—	2 230	1 460	24	29	J,TW	16	2.381	0.0937	10.4	11.4
2RS	2RU	—	4 590	2 560	22	26	J	11	3.969	0.1563	16.7	18.2
2RS	—	TTS	1 010	722	8.5	10	W	18	1.588	0.0625	5.6	6.0
2RS	2RU	—	4 020	2 460	21	25	J,RJ ⁽⁵⁾	13	3.500	0.1378	17.1	18.9
2RS	2RU	—	4 020	2 460	21	25	J,RJ ⁽⁵⁾	13	3.500	0.1378	23.8	—
2RS	2RU	—	6 380	3 680	19	22	RJ	11	4.762	0.1875	35.1	37.9
2RS	—	—	1 100	838	7	8	W	21	1.588	0.0625	6.4 ⁽⁶⁾	7.2 ⁽⁶⁾
2RS	2RU	—	4 300	2 940	18	21	J,RJ ⁽⁵⁾	15	3.500	0.1378	20.8	22.9
2RS	2RU	—	4 300	2 940	18	21	J,RJ ⁽⁵⁾	15	3.500	0.1378	28.8	—
2RS	2RU	—	7 010	4 550	16	19	RJ	13	4.762	0.1875	42.0	45.1
—	2RU	—	1 140	947	5.5	7	W	24	1.588	0.0625	7.3 ⁽⁶⁾	7.7 ⁽⁶⁾
2RS	2RU	—	4 450	3 440	15	18	J,RJ ⁽⁵⁾	17	3.500	0.1378	23.8	26.1
2RS	2RU	—	7 240	5 010	14	17	RJ	14	4.762	0.1875	47.9	51.4