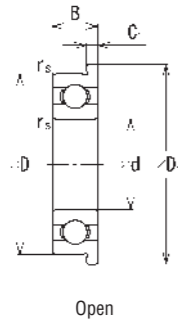
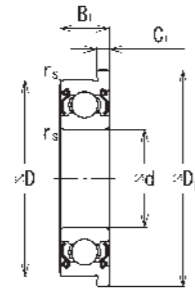


Flanged extra-thin-section bearings [SUJ2]



Open



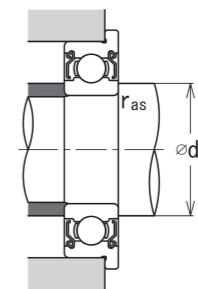
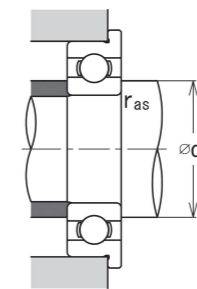
Shielded: ZZ



Sealed: 2RS



Sealed: 2RU



Abutment and fillet

Dimension

Flanged extra-thin-section bearings [SUJ2]

Bore diameter d		Outer diameter D		Width				Flange outer diameter D ₁		Flange width C ₁		Chamfer r _s (min)		Bearing number			
				Open B		Shielded, Sealed B ₁								Open	2 Shields ⁽²⁾		2 Shields ⁽²⁾
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		Open	2 Shields ⁽²⁾	2RS
10	0.3937	15	0.5906	3	0.1181	4	0.1575	16.5	0.6496	0.800	0.0315	0.15	0.0059	F6700	F6700ZZ	2RS	—
		19	0.7480	5	0.1969	5	0.1969	21	0.8268	1.000	0.0394	0.30	0.0118	F6800⁽¹⁾	F6800ZZ	2RS	2RU
		19	0.7480	7	0.2756	7	0.2756	21	0.8268	1.500	0.0591	0.30	0.0118	F63800⁽¹⁾	F63800ZZ	2RS	2RU
12	0.4724	22	0.8661	6	0.2362	6	0.2362	25	0.9843	1.500	0.0591	0.30	0.0118	F6900⁽¹⁾	F6900ZZ	2RS	2RU
		18	0.7087	4	0.1575	4	0.1575	19.5	0.7677	0.800	0.0315	0.20	0.0079	F6701⁽¹⁾	F6701ZZ	2RS	—
		21	0.8268	5	0.1969	5	0.1969	23	0.9055	1.100	0.0433	0.30	0.0118	F6801⁽¹⁾	F6801ZZ	2RS	2RU
15	0.5906	21	0.8268	7	0.2756	7	0.2756	23	0.9055	1.500	0.0591	0.30	0.0118	F63801⁽¹⁾	F63801ZZ	2RS	2RU
		24	0.9449	6	0.2362	6	0.2362	26.5	1.0433	1.500	0.0591	0.30	0.0118	F6901⁽¹⁾	F6901ZZ	2RS	2RU
		24	0.9449	5	0.1969	5	0.1969	26	1.0236	1.100	0.0433	0.30	0.0118	F6702⁽¹⁾	F6702ZZ	2RS	—
17	0.6693	24	0.9449	7	0.2756	7	0.2756	26	1.0236	1.500	0.0591	0.30	0.0118	F6802⁽¹⁾	F6802ZZ	2RS	2RU
		28	1.1024	7	0.2756	7	0.2756	30.5	1.2008	1.500	0.0591	0.30	0.0118	F63802⁽¹⁾	F63802ZZ	2RS	2RU
		23	0.9055	4	0.1575	4	0.1575	24.5	0.9646	0.800	0.0315	0.20	0.0079	F6902⁽¹⁾	F6902ZZ	2RS	2RU
20	0.7874	26	1.0236	5	0.1969	5	0.1969	28	1.1024	1.100	0.0433	0.30	0.0118	F6703⁽¹⁾	F6703ZZ	2RS	—
		26	1.0236	7	0.2756	7	0.2756	28	1.1024	1.500	0.0591	0.30	0.0118	F6803⁽¹⁾	F6803ZZ	2RS	2RU
		30	1.1811	7	0.2756	7	0.2756	32.5	1.2795	1.500	0.0591	0.30	0.0118	F63803⁽¹⁾	F63803ZZ	2RS	2RU
25	0.9843	32	1.2598	4	0.1575	4	0.1575	28.5	1.1220	0.800	0.0315	0.20	0.0079	F6903⁽¹⁾	F6903ZZ	2RS	2RU
		32	1.2598	7	0.2756	7	0.2756	35	1.3780	1.500	0.0591	0.30	0.0118	F6704⁽¹⁾	F6704ZZ	2RS	—
		37	1.4567	9	0.3543	9	0.3543	40	1.5748	2.000	0.0787	0.30	0.0118	F6804⁽¹⁾	F6804ZZ	2RS	2RU
30	1.1811	37	1.4567	4	0.1575	4	0.1575	34	1.3386	1.000	0.0394	0.20	0.0079	F6904⁽¹⁾	F6904ZZ	2RS	2RU
		37	1.4567	7	0.2756	7	0.2756	40	1.5748	1.500	0.0591	0.30	0.0118	F6705⁽¹⁾	F6705ZZ	2RS	2RU
		42	1.6535	9	0.3543	9	0.3543	45	1.7717	2.000	0.0787	0.30	0.0118	F6805⁽¹⁾	F6805ZZ	2RS	2RU
30	1.1811	42	1.6535	4	0.1575	4	0.1575	39	1.5354	1.000	0.0394	0.20	0.0079	F6905⁽¹⁾	F6905ZZ	2RS	2RU
		42	1.6535	7	0.2756	7	0.2756	45	1.7717	1.500	0.0591	0.30	0.0118	F6706⁽¹⁾	F6706ZZ	2RS	2RU
		47	1.8504	9	0.3543	9	0.3543	50	1.9685	2.000	0.0787	0.30	0.0118	F6806⁽¹⁾	F6806ZZ	2RS	2RU

Load rating		Limiting speed ⁽³⁾		Cage type ⁽⁴⁾	Ball		Abutment and fillet dimensions			Mass (Ref.)	
Cr	Cor	Grease	Oil		Size	Qty.	d _s (min)	d _s (max)	r _{as} (max)	Open	2 Shields
N		min ⁻¹			mm	pcs.	mm			g	
857	435	15 000	17 000	W	1.588	11	11.00	11.00	0.15	1.56	1.99
1 720	840	34 000	40 000	J	2.381	10	11.50	11.50	0.30	5.31	5.59
1 720	840	34 000	40 000	J	2.381	10	11.50	11.50	0.30	7.49	7.78
2 700	1 270	31 000	37 000	J	3.175	9	12.00	13.00	0.30	10.1	10.6
928	532	13 000	15 000	W	1.588	13	13.50	13.50	0.20	2.92	3.11
1 920	1 040	30 000	36 000	J	2.381	12	13.50	13.50	0.30	5.95	6.29
1 920	1 040	30 000	36 000	J	2.381	12	13.50	13.50	0.30	8.37	8.71
2 890	1 460	28 000	33 000	J	3.175	10	14.00	15.00	0.30	11.1	11.9
937	581	11 000	13 000	W	1.588	14	16.50	16.50	0.20	3.47	3.68
2 070	1 260	26 000	31 000	J	2.381	14	16.50	16.50	0.30	6.95	7.36
2 070	1 260	26 000	31 000	J	2.381	14	16.50	16.50	0.30	9.83	10.2
4 330	2 250	24 000	29 000	J	3.969	10	17.00	18.50	0.30	16.2	17.3
999	657	9 500	11 000	W	1.588	16	18.50	18.50	0.20	3.86	4.09
2 230	1 460	24 000	29 000	J	2.381	16	18.50	18.50	0.30	7.83	8.27
2 230	1 460	24 000	29 000	J	2.381	16	18.50	18.50	0.30	11.0	11.4
4 590	2 560	22 000	26 000	J	3.969	11	19.00	20.50	0.30	17.0	18.2
1 040	729	8 500	10 000	W	1.588	18	21.50	22.00	0.20	5.49	5.80
4 020	2 460	21 000	25 000	RJ	3.500	13	22.00	22.50	0.30	17.6	18.9
6 380	3 680	19 000	22 000	RJ	4.762	11	22.00	23.50	0.30	35.8	37.9
1 100	838	7 000	8 000	W	1.588	21	26.50	27.00	0.20	6.93	7.30
4 300	2 940	18 000	21 000	RJ	3.500	15	27.00	28.00	0.30	21.7	22.9
7 010	4 550	16 000	19 000	RJ	4.762	13	27.00	30.50	0.30	42.3	45.1
1 140	947	5 500	7 000	W	1.588	24	31.50	32.00	0.20	8.24	8.67
4 540	3 420	15 000	18 000	RJ	3.500	17	32.00	33.00	0.30	24.8	26.1
7 240	5 010	14 000	17 000	RJ	4.762	14	32.00	35.00	0.30	47.4	51.4

(1) Open bearings have shield/seal grooves.
 (2) Single-shielded/single-sealed bearings are also available; suffix Z, RS, RU or TS.
 (shielded/sealed at flanged side unless otherwise requested)
 (3) Applicable only for open, single Z, ZZ, single RU and 2RU types in inner ring rotating conditions.
 Limiting speeds for the contact rubber seal(s) types can be lower than the above-mentioned values, so please check the detailed values per item on "products" section of our website.
 (4) Some items are also available with the TW cage. Please contact us for details.