



Technical

Dimension

Bore Diameter: d		Outer Diameter: D		Flange Diameter: Df		Radius fs(min)		Width: B		Flange Width: Bf		Bearing Reference			
												Open	Flange Open	Shield	Flange Shield
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch				
10	0.3937	15	0.5906	16.5	0.6496	0.15	0.0059	3	0.1181	0.8	0.0315	6700	F6700	—	—
		15	0.5906	16.5	0.6496	0.15	0.0059	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 seal types are also available; suffix Z, RS, RU or TS.
 3) Prefix S or suffix H is added for stainless material type. Load ratings of stainless material types are calculated by Cr×0.85 or Cor×0.80 of SUJ2 material types.
 4) SUJ2 bearings use RJ type retainers, but stainless bearings use J type retainers.
 5) Weight of open type.