

BALL BEARING SIZE CHART



**FOREST EDGE
ENGINEERING LTD**

Metric Miniature Bearings

Bearing Designation			Dimensions								Load Rating	Load Rating
			d	D	Df	B	Bf	B1	Bf1	rsmin		
Flanged	Open	Seal	mm	mm	mm	mm	mm	mm	mm	mm	Cr (kN)	Cor (kN)
F	681	-	1	3	3.8	1	0.3	-	-	0.05	0.0735	0.0196
F	691	-	1	4	5	1.6	0.5	-	-	0.1	0.1372	0.0392
F	681X	ZZ	1.5	4	5	1.2	0.4	2	0.6	0.05	0.1078	0.0343
F	691X	ZZ	1.5	5	6.5	2	0.6	2.6	0.8	0.15	0.1666	0.049
F	601X	ZZ	1.5	6	7.5	2.5	0.6	3	0.8	0.15	0.3332	0.098
F	682	ZZ	2	5	6.1	1.5	0.5	2.3	0.6	0.08	0.1666	0.049
F	692	ZZ	2	6	7.5	2.3	0.6	3	0.8	0.15	0.3332	0.098
F	602	ZZ	2	7	8.5	2.8	0.7	3.5	0.9	0.15	0.3822	0.1274
F	682X	ZZ	2.5	6	7.1	1.8	0.5	2.6	0.8	0.08	0.1862	0.0588
F	692X	ZZ	2.5	7	8.5	2.5	0.7	3.5	0.9	0.15	0.3822	0.1274
F	602X	ZZ	2.5	8	9.5	2.8	0.7	4	0.9	0.15	0.5488	0.1764
F	683	ZZ	3	7	8.1	2	0.5	3	0.8	0.1	0.3136	0.1078
F	693	ZZ	3	8	9.5	3	0.7	4	0.9	0.15	0.5586	0.1764
F	603	ZZ	3	9	10.5	3	0.7	5	1	0.15	0.5684	0.1862
F	623	ZZ	3	10	11.5	4	1	4	1	0.15	0.6272	0.2156
-	633	ZZ	3	13	-	5	-	5	-	0.2	1.3034	0.49
F	684	ZZ	4	9	10.3	2.5	0.6	4	1	0.1	0.637	0.2254
F	694	ZZ	4	11	12.5	4	1	4	1	0.15	0.9604	0.3528
F	604	ZZ	4	12	13.5	4	1	4	1	0.2	0.9604	0.3528
F	624	ZZ	4	13	15	5	1	5	1	0.2	1.3034	0.49
F	634	ZZ	4	16	18	5	1	5	1	0.3	1.3426	0.5194
F	685	ZZ	5	11	12.5	3	0.8	5	1	0.15	0.7154	0.2842
F	695	ZZ	5	13	15	4	1	4	1	0.2	1.078	0.4312
F	605	ZZ	5	14	16	5	1	5	1	0.2	1.3328	0.5096
F	625	ZZ	5	16	18	5	1	5	1	0.3	1.7248	0.6762
F	635	ZZ	5	19	22	6	1.5	6	1.5	0.3	2.3324	0.8918
F	686	ZZ	6	13	15	3.5	1	5	1.1	0.15	1.078	0.441
F	696	ZZ	6	15	17	5	1.2	5	1.2	0.2	1.3426	0.5194
F	606	ZZ	6	17	19	6	1.2	6	1.2	0.3	2.2638	0.8428
F	626	ZZ	6	19	22	6	1.5	6	1.5	0.3	2.3324	0.8918
-	636	ZZ	6	22	-	7	-	7	-	0.3	3.332	1.421
F	687	ZZ	7	14	16	3.5	1	5	1.1	0.15	1.176	0.5096
F	697	ZZ	7	17	19	5	1.2	5	1.2	0.3	1.6072	0.7154
F	607	ZZ	7	19	22	6	1.5	6	1.5	0.3	2.3324	0.8918
F	627	ZZ	7	22	25	7	1.5	7	1.5	0.3	3.283	1.3818
-	637	ZZ	7	26	-	9	-	9	-	0.3	4.5668	1.9796
F	688	ZZ	8	16	18	4	1	5	1.1	0.2	1.2544	0.588

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Flanged	Open	Seal	mm	mm	mm	mm	mm	mm	mm	mm	Cr (kN)	Cor (kN)
F	698	ZZ	8	19	22	6	1.5	6	1.5	0.3	2.2344	0.9212
F	608	ZZ	8	22	25	7	1.5	7	1.5	0.3	3.2928	1.3818
-	628	ZZ	8	24	-	8	-	8	-	0.3	3.332	1.421
-	638	ZZ	8	28	-	9	-	9	-	0.3	4.5668	1.9796
F	689	ZZ	9	17	19	4	1	5	1.1	0.2	1.323	0.6664
F	699	ZZ	9	20	23	6	1.5	6	1.5	0.3	2.4696	1.078
F	609	ZZ	9	24	27	7	1.5	7	1.5	0.3	3.332	1.421
-	629	ZZ	9	26	-	8	-	8	-	0.3	4.5668	1.9796
-	639	ZZ	9	30	-	10	-	10	-	0.6	4.655	2.0776