

Miniature Ball Bearings



Miniature ball bearings are referred to ball bearings with bore diameter less than 10mm. FITRUN mainly manufactures miniature standard deep groove ball bearings, flange ball bearings, thrust ball bearings and thin section ball bearings, they are made of chrome steel, stainless steel or ceramic, and available in both metric and inch sizes. Most of them are with bore diameter less than 10mm, small amount of them with bore diameter ranging from 10mm to 12mm.

For more detailed information of specific bearing model, please check it on our website or contact our sales representative. If you did not find the proper bearings for your applications, we can customize the bearings for you, please send us your detailed requirements to get a quick quotation today.

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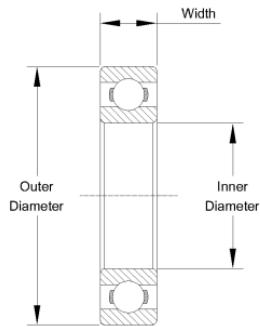
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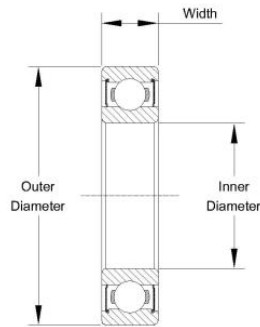
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We also manufacture these miniature ball bearings in stainless steel, material is available in AISI440C (9Cr18), AISI420 (9Cr13), AISI316L and AISI304. Please check the details on our website or send RFQ or talk to our sales representatives for more details.

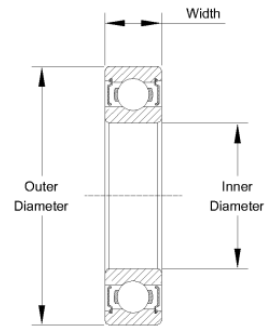
Section 1 Metric Standard



Standard Bearing (Open Type)



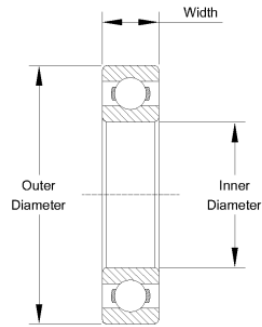
Sealed Bearing (Rubber Seal)



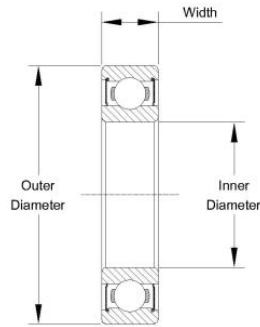
Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
681	Open	1	3	1	82	21	130	0.03
691	Open	1	4	1.6	120	30	100	0.11
681X	Open	1.5	4	1.2	95	26	100	0.1
681XZZ	Shielded	1.5	4	2	95	26	100	0.14
691X	Open	1.5	5	2	144	40	85	0.2
691XZZ	Shielded	1.5	5	2.6	144	40	85	0.25
601X	Open	1.5	6	2.5	281	79	75	0.31
601XZZ	Shielded	1.5	6	3	281	79	75	0.4
682	Open	2	5	1.5	144	40	85	0.15
682ZZ	Shielded	2	5	2.3	144	40	85	0.2
682-2RS	Sealed	2	5	2.3	144	40	85	0.15
MR52	Open	2	5	2	144	40	85	0.14
MR52ZZ	Shielded	2	5	2.5	144	40	85	0.2
MR52-2RS	Sealed	2	5	2.5	144	40	85	0.17
692	Open	2	6	2.3	281	79	75	0.28
692ZZ	Shielded	2	6	3	281	79	75	0.35
692-2RS	Sealed	2	6	3	281	79	75	0.32
MR62	Open	2	6	2.5	281	79	75	0.28
MR62ZZ	Shielded	2	6	2.5	281	79	75	0.33
MR62-2RS	Sealed	2	6	2.5	281	79	75	0.30
MR72	Open	2	7	2.5	328	103	63	0.43
MR72ZZ	Shielded	2	7	3	328	103	65	0.53
MR72-2RS	Sealed	2	7	3	328	103	63	0.53
602	Open	2	7	2.8	328	103	60	0.5
602ZZ	Shielded	2	7	3.5	328	103	60	0.6
602-2RS	Sealed	2	7	3.5	328	103	60	0.6
682X	Open	2.5	6	1.8	178	59	71	0.2
682XZZ	Shielded	2.5	6	2.6	178	59	71	0.35
682X-2RS	Sealed	2.5	6	2.6	178	59	71	0.31

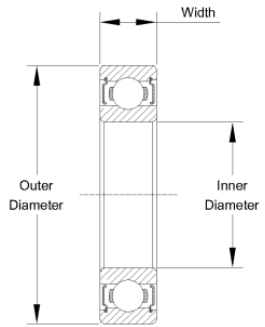
Section 1 Metric Standard



Standard Bearing (Open Type)



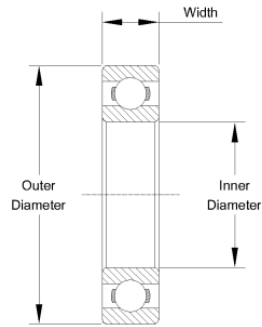
Sealed Bearing (Rubber Seal)



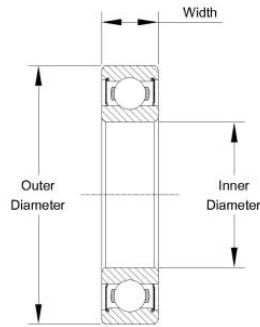
Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
692X	Open	2.5	7	2.5	328	103	63	0.4
692XZZ	Shieled	2.5	7	3	328	103	63	0.55
692X-2RS	Sealed	2.5	7	3	328	103	63	0.53
MR82X	Open	2.5	8	2.5	474	144	60	0.39
MR82XZZ	Shieled	2.5	8	2.5	474	144	60	0.52
MR82X-2RS	Sealed	2.5	8	2.5	474	144	60	0.5
602X	Open	2.5	8	2.8	469	142	60	0.61
602XZZ	Shieled	2.5	8	4	469	142	60	0.85
602X-2RS	Sealed	2.5	8	4	469	142	60	0.83
MR63	Open	3	6	2	178	59	71	0.2
MR63ZZ	Shieled	3	6	2.5	178	59	71	0.28
MR63-2RS	Sealed	3	6	2.5	178	59	71	0.28
683	Open	3	7	2	264	90	63	0.32
683ZZ	Shieled	3	7	3	264	90	63	0.45
683-2RS	Sealed	3	7	3	264	90	63	0.43
MR83	Open	3	8	2.5	336	113	60	0.51
MR83ZZ	Shieled	3	8	3	336	113	60	0.67
MR83-2RS	Sealed	3	8	3	336	113	60	0.65
693	Open	3	8	3	474	144	60	0.6
693ZZ	Shieled	3	8	4	474	144	60	0.8
693-2RS	Sealed	3	8	4	474	144	60	0.78
MR93	Open	3	9	2.5	485	151	56	0.75
MR93ZZ	Shieled	3	9	4	485	151	56	1.15
MR93-2RS	Sealed	3	9	4	485	151	56	1.13
603	Open	3	9	3	230	151	56	0.84
603ZZ	Shieled	3	9	5	230	151	56	1.13
603-2RS	Sealed	3	9	5	230	151	56	1.11
623	Open	3	10	4	536	175	50	1.45
623ZZ	Shieled	3	10	4	536	175	50	1.65
623-2RS	Sealed	3	10	4	536	175	50	1.63

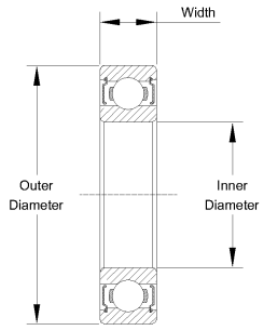
Section 1 Metric Standard



Standard Bearing (Open Type)



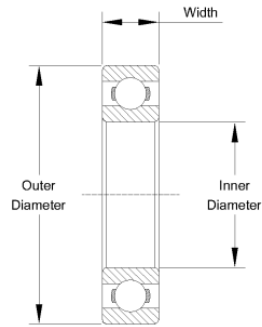
Sealed Bearing (Rubber Seal)



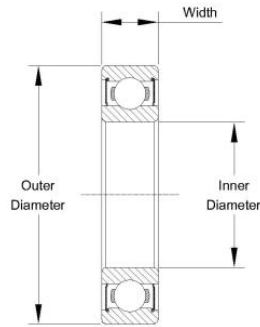
Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
633	Open	3	13	5	1106	390	40	3.27
633ZZ	Shieled	3	13	5	1106	390	40	3.43
633-2RS	Sealed	3	13	5	1106	390	40	3.41
MR74	Open	4	7	2	264	92	60	0.23
MR74ZZ	Shieled	4	7	2.5	264	92	60	0.33
MR74-2RS	Sealed	4	7	2.5	264	92	60	0.31
MR84	Open	4	8	2	336	113	56	0.39
MR84ZZ	Shieled	4	8	3	336	113	56	0.56
MR84-2RS	Sealed	4	8	3	336	113	56	0.53
684	Open	4	9	2.5	545	182	53	0.65
684ZZ	Shieled	4	9	4	545	182	53	1
684-2RS	Sealed	4	9	4	545	182	53	0.98
MR104	Open	4	10	3	604	218	48	0.96
MR104ZZ	Shieled	4	10	4	604	218	48	1.33
MR104-2RS	Sealed	4	10	4	604	218	48	1.31
694	Open	4	11	4	814	280	48	1.69
694ZZ	Shieled	4	11	4	814	280	48	1.75
694-2RS	Sealed	4	11	4	814	280	48	1.73
604	Open	4	12	4	814	280	48	2.19
604ZZ	Shielded	4	12	4	814	280	48	2.34
604-2RS	Sealed	4	12	4	814	280	48	2.32
624	Open	4	13	5	1106	390	40	3.1
624ZZ	Shielded	4	13	5	1106	390	40	3.2
624-2RS	Sealed	4	13	5	1106	390	40	3.18
634	Open	4	16	5	1139	418	39	5.24
634ZZ	Shielded	4	16	5	1139	418	39	5.44
634-2RS	Sealed	4	16	5	1139	418	39	5.41
MR85	Open	5	8	2	262	96	53	0.25
MR85ZZ	Shielded	5	8	2.5	262	96	53	0.34
MR85-2RS	Sealed	5	8	2.5	262	96	53	0.32

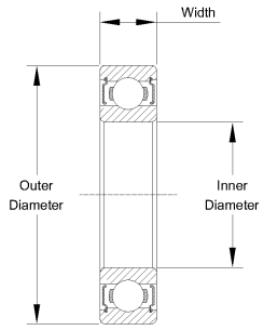
Section 1 Metric Standard



Standard Bearing (Open Type)



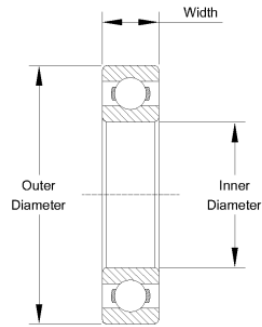
Sealed Bearing (Rubber Seal)



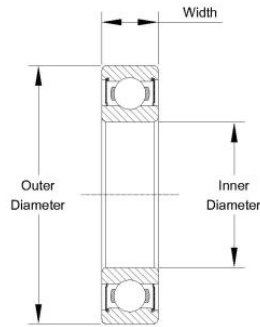
Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
MR95	Open	5	9	2.5	366	135	50	0.54
MR95ZZ	Shielded	5	9	3	366	135	50	0.58
MR95-2RS	Sealed	5	9	3	366	135	50	0.58
MR105	Open	5	10	3	366	135	50	0.58
MR105ZZ	Shielded	5	10	4	366	135	50	0.62
MR105-2RS	Sealed	5	10	4	366	135	50	0.62
MR115	Open	5	11	3	609	226	45	0.60
MR115ZZ	Shielded	5	11	4	609	226	45	0.63
MR115-2RS	Sealed	5	11	4	609	226	45	0.63
685	Open	5	11	3	609	226	45	1.16
685ZZ	Shielded	5	11	5	609	226	45	1.93
685-2RS	Sealed	5	11	5	609	226	45	1.91
695	Open	5	13	4	916	346	43	2.31
695ZZ	Shielded	5	13	4	916	346	43	2.39
695-2RS	Sealed	5	13	4	916	346	43	2.36
605	Open	5	14	5	1130	406	40	3.46
605ZZ	Shielded	5	14	5	1130	406	40	3.75
605-2RS	Sealed	5	14	5	1130	406	40	3.73
625	Open	5	16	5	1470	540	36	4.95
625ZZ	Shielded	5	16	5	1470	540	36	5.1
625-2RS	Sealed	5	16	5	1470	540	36	5.06
635	Open	5	19	6	1986	717	32	8.5
635ZZ	Shielded	5	19	6	1986	717	32	8.89
635-2RS	Sealed	5	19	6	1986	717	32	8.85
MR106	Open	6	10	2.5	422	174	45	0.55
MR106ZZ	Shielded	6	10	3	422	174	45	0.7
MR106-2RS	Sealed	6	10	3	422	174	45	0.7
MR126	Open	6	12	3	609	236	43	1.25
MR126ZZ	Shielded	6	12	4	609	236	43	1.66
MR126-2RS	Sealed	6	12	4	609	236	43	1.63

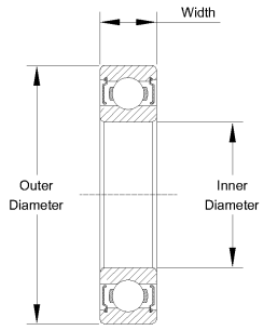
Section 1 Metric Standard



Standard Bearing (Open Type)



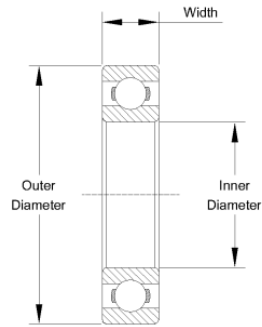
Sealed Bearing (Rubber Seal)



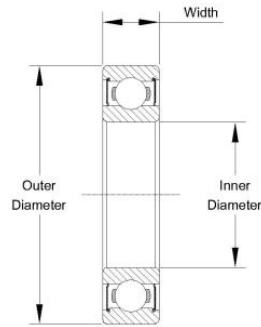
Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
686	Open	6	13	3.5	920	354	40	1.87
686ZZ	Shielded	6	13	5	920	354	40	2.68
686-2RS	Sealed	6	13	5	920	354	40	2.68
696	Open	6	15	5	1139	418	40	3.65
696ZZ	Shielded	6	15	5	1139	418	40	3.85
696-2RS	Sealed	6	15	5	1139	418	40	3.82
606	Open	6	17	6	1944	677	38	5.94
606ZZ	Shielded	6	17	6	1944	677	38	6.89
606-2RS	Sealed	6	17	6	1944	677	38	6.86
626	Open	6	19	6	1986	717	32	8.12
626ZZ	Shielded	6	19	6	1986	717	32	8.65
626-2RS	Sealed	6	19	6	1986	717	32	8.65
636	Open	6	22	7	2833	1138	30	13.9
636ZZ	Shielded	6	22	7	2833	1138	30	14.5
636-2RS	Sealed	6	22	7	2833	1138	30	14.3
MR117	Open	7	11	2.5	387	162	43	0.59
MR117ZZ	Shielded	7	11	3	387	162	43	0.71
MR117-2RS	Sealed	7	11	3	387	162	43	0.71
MR137	Open	7	13	3	460	221	40	1.52
MR137ZZ	Shielded	7	13	4	460	221	40	2.01
MR137-2RS	Sealed	7	13	4	460	221	40	2.01
687	Open	7	14	3.5	997	410	40	2.03
687ZZ	Shielded	7	14	4	997	410	40	2.95
687-2RS	Sealed	7	14	4	997	410	40	2.95
697	Open	7	17	5	1364	575	36	5.01
697ZZ	Shielded	7	17	5	1364	575	36	5.26
697-2RS	Sealed	7	17	5	1364	575	36	5.25
607	Open	7	19	6	1986	717	36	7.8
607ZZ	Shielded	7	19	6	1986	717	36	8.24
607-2RS	Sealed	7	19	6	1986	717	36	8.23

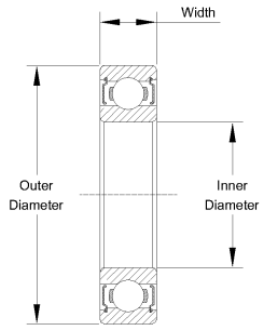
Section 1 Metric Standard



Standard Bearing (Open Type)



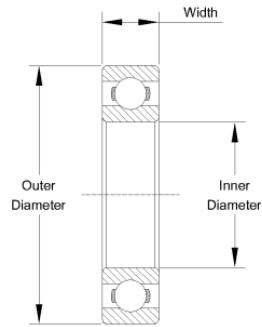
Sealed Bearing (Rubber Seal)



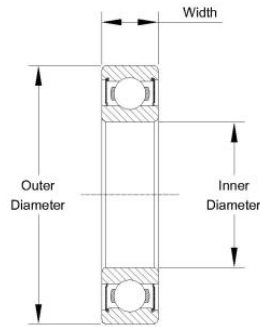
Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
627	Open	7	22	7	2794	1103	30	12.7
627ZZ	Shielded	7	22	7	2794	1103	30	13.1
627-2RS	Sealed	7	22	7	2794	1103	30	13.0
637	Open	7	26	9	3879	1586	28	24.2
637ZZ	Shielded	7	26	9	3879	1586	28	25.8
637-2RS	Sealed	7	26	9	3879	1586	28	25.6
MR128	Open	8	12	2.5	462	219	40	0.7
MR128ZZ	Shielded	8	12	3.5	462	219	40	0.99
MR128-2RS	Sealed	8	12	3.5	462	219	40	0.98
MR148	Open	8	14	3.5	695	309	38	1.9
MR148ZZ	Shielded	8	14	4	695	309	38	2.19
MR148-2RS	Sealed	8	14	4	695	309	38	2.19
688	Open	8	16	4	1064	474	36	3.11
688ZZ	Shielded	8	16	5	1064	474	36	4.05
688-2RS	Sealed	8	16	5	1064	474	36	4.03
698	Open	8	19	6	1902	734	36	7.12
698ZZ	Shielded	8	19	6	1902	734	36	7.57
698-2RS	Sealed	8	19	6	1902	734	36	7.55
608	Open	8	22	7	2799	1103	34	11.8
608ZZ	Shielded	8	22	7	2799	1103	34	12.9
608-2RS	Sealed	8	22	7	2799	1103	34	12.7
628	Open	8	24	8	2833	1138	28	17.1
628ZZ	Shielded	8	24	8	2833	1138	28	18.5
628-2RS	Sealed	8	24	8	2833	1138	28	18.3
638	Open	8	28	9	3879	1586	28	28.1
638ZZ	Shielded	8	28	9	3879	1586	28	30.3
638-2RS	Sealed	8	28	9	3879	1586	28	30.1
679	Open	9	14	3	781	374	36	1.35
679ZZ	Shielded	9	14	4.5	781	374	36	1.98
679-2RS	Sealed	9	14	4.5	781	374	36	1.98

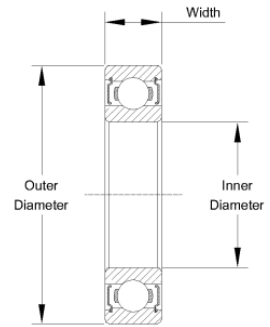
Section 1 Metric Standard



Standard Bearing (Open Type)



Sealed Bearing (Rubber Seal)

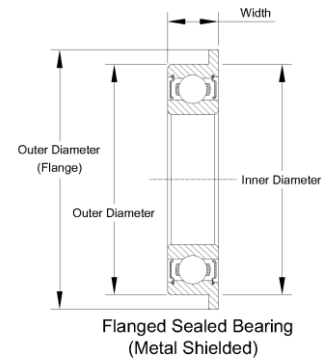
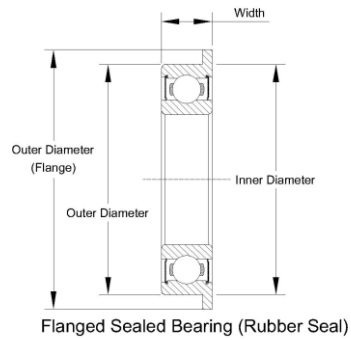
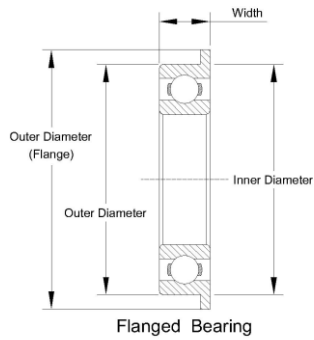


Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
689	Open	9	17	4	1128	534	36	3.41
689ZZ	Shielded	9	17	5	1128	534	36	4.38
689-2RS	Sealed	9	17	5	1128	534	36	4.36
699	Open	9	20	6	2097	865	34	8.38
699ZZ	Shielded	9	20	6	2097	865	34	8.54
699-2RS	Sealed	9	20	6	2097	865	34	8.52
609	Open	9	24	7	2853	1155	32	14.7
609ZZ	Shielded	9	24	7	2853	1155	32	16
609-2RS	Sealed	9	24	7	2853	1155	32	15.93
629	Open	9	26	8	3879	1586	28	19
629ZZ	Shielded	9	26	8	3879	1586	28	21.8
629-2RS	Sealed	9	26	8	3879	1586	28	21.73
639	Open	9	30	10	3960	1664	24	36.2
639ZZ	Shielded	9	30	10	3960	1664	24	37.1
639-2RS	Sealed	9	30	10	3960	1664	24	37.02

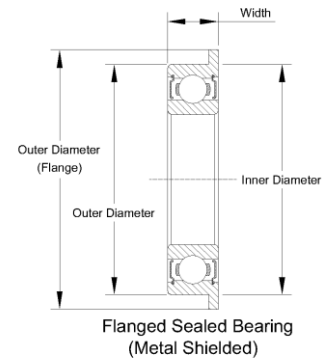
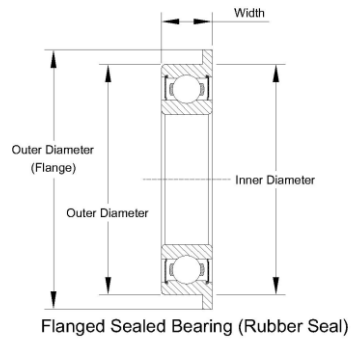
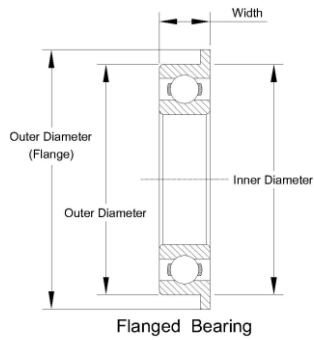
We also manufacture these miniature ball bearings in stainless steel; material is available in AISI440C (9Cr18), AISI420 (9Cr13), AISI316L and AISI304. Please check the details on our website or send RFQ or talk to our sales representatives for more details.

Section 2 Metric Flanged



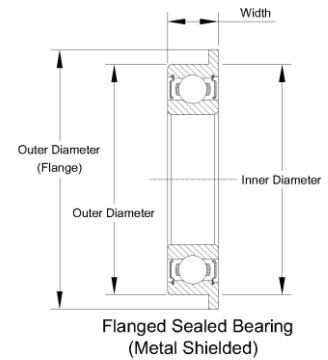
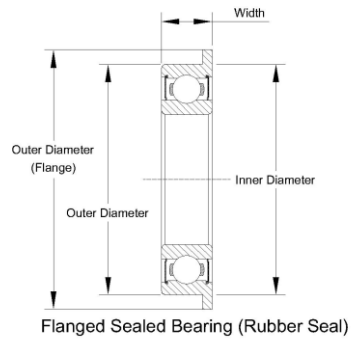
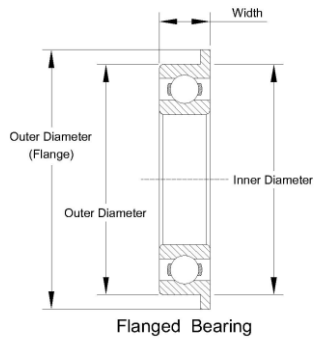
Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Flange Outer Dia (mm)	Flange Thickness	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)
F681X	Open	1.5	4	1.2	5	0.4	95	26	100
F681XZZ	Shielded	1.5	4	2	5	0.6	95	26	100
F691X	Open	1.5	5	2	6.5	0.6	144	40	85
F691XZZ	Shielded	1.5	5	2.6	6.5	0.8	144	40	85
F601X	Open	1.5	6	2.5	7.5	0.6	281	79	75
F601XZZ	Shielded	1.5	6	3	7.5	0.8	281	79	75
F682	Open	2	5	1.5	6.1	0.5	144	40	85
F682ZZ	Shielded	2	5	2.3	6.1	0.6	144	40	85
F682-2RS	Sealed	2	5	2.3	6.1	0.6	144	40	85
MF52	Open	2	5	2	6.2	0.6	144	40	85
MF52ZZ	Shielded	2	5	2.5	6.2	0.6	144	40	85
MF52-2RS	Sealed	2	5	2.5	6.2	0.6	144	40	85
F692	Open	2	6	2.3	7.5	0.6	281	79	75
F692ZZ	Shielded	2	6	3	7.5	0.8	281	79	75
F692-2RS	Sealed	2	6	3	7.5	0.8	281	79	75
MF62	Open	2	6	2.5	7.2	0.6	281	79	75
MF62ZZ	Shielded	2	6	2.5	7.2	0.6	281	79	75
MF62-2RS	Sealed	2	6	2.5	7.2	0.6	281	79	75
MF72	Open	2	7	2.5	8.2	0.6	328	103	63
MF72ZZ	Shielded	2	7	3	8.2	0.6	328	103	63
MF72-2RS	Sealed	2	7	3	8.2	0.6	328	103	63
F602	Open	2	7	2.8	8.5	0.7	328	103	60
F602ZZ	Shielded	2	7	3.5	8.5	0.9	328	103	60
F602-2RS	Sealed	2	7	3.5	8.5	0.9	328	103	60
F682X	Open	2.5	6	1.8	7.1	0.5	178	59	71
F682XZZ	Shielded	2.5	6	2.6	7.1	0.8	178	59	71
F682X-2RS	Sealed	2.5	6	2.6	7.1	0.8	178	59	71
F692X	Open	2.5	7	2.5	8.5	0.7	328	103	63
F692XZZ	Shielded	2.5	7	3.5	8.5	0.9	328	103	63
F692X-2RS	Sealed	2.5	7	3.5	8.5	0.9	328	103	63

Section 2 Metric Flanged



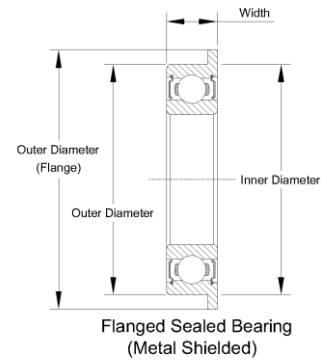
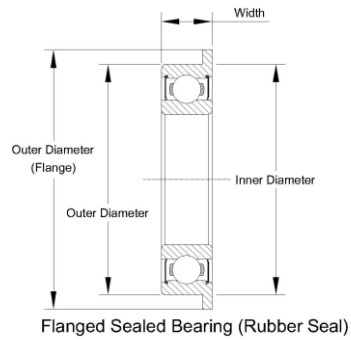
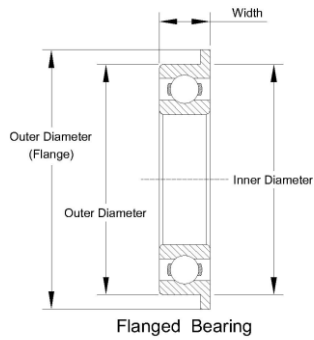
Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Flange Outer Dia (mm)	Flange Thickness	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)
MF82X	Open	2.5	8	2.5	9.2	0.6	180	67	71
MF82XZZ	Shielded	2.5	8	2.5	9.2	0.6	180	67	71
MF82X-2RS	Sealed	2.5	8	2.5	9.2	0.6	180	67	71
F602X	Open	2.5	8	2.8	9.5	0.7	469	142	60
F602XZZ	Shielded	2.5	8	4	9.5	0.9	469	142	60
F602X-2RS	Sealed	2.5	8	4	9.5	0.9	469	142	60
MF63	Open	3	6	2	7.2	0.6	178	59	71
MF63ZZ	Shielded	3	6	2.5	7.2	0.6	178	59	71
MF63-2RS	Sealed	3	6	2.5	7.2	0.6	178	59	71
F683	Open	3	7	2	8.1	0.5	264	90	63
F683ZZ	Shielded	3	7	3	8.1	0.8	264	90	63
F683-2RS	Sealed	3	7	3	8.1	0.8	264	90	63
MF83	Open	3	8	2.5	9.2	0.6	336	113	60
MF83ZZ	Shielded	3	8	3	9.2	0.6	336	113	60
MF83-2RS	Sealed	3	8	3	9.2	0.6	336	113	60
F693	Open	3	8	3	9.5	0.7	474	114	60
F693ZZ	Shielded	3	8	4	9.5	0.9	474	114	60
F693-2RS	Sealed	3	8	4	9.5	0.9	474	114	60
MF93	Open	3	9	2.5	10.2	0.6	485	151	56
MF93ZZ	Shielded	3	9	4	10.2	0.8	485	151	56
MF93-2RS	Sealed	3	9	4	10.2	0.8	485	151	56
F603	Open	3	9	3	10.5	0.7	230	151	56
F603ZZ	Shielded	3	9	5	10.5	0.7	230	151	56
F603-2RS	Sealed	3	9	5	10.5	0.7	230	151	56
F623	Open	3	10	4	11.5	1	536	175	50
F623ZZ	Shielded	3	10	4	11.5	1	536	175	50
F623-2RS	Sealed	3	10	4	11.5	1	536	175	50
MF74	Open	4	7	2	8.2	0.6	264	92	60
MF74ZZ	Shielded	4	7	2.5	8.2	0.6	264	92	60
MF74-2RS	Sealed	4	7	2.5	8.2	0.6	264	92	60

Section 2 Metric Flanged



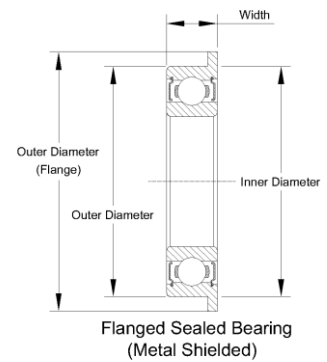
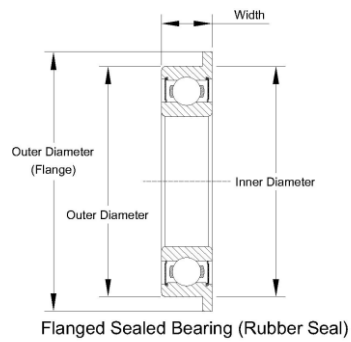
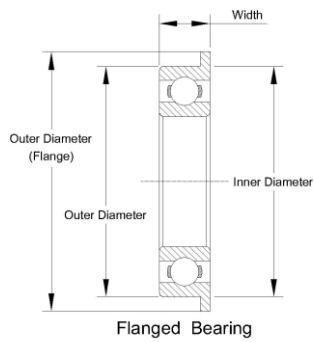
Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Flange Outer Dia (mm)	Flange Thickness	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)
MF84	Open	4	8	2	9.2	0.6	336	113	56
MF84ZZ	Shielded	4	8	3	9.2	0.6	336	113	56
MF84-2RS	Sealed	4	8	3	9.2	0.6	336	113	56
F684	Open	4	9	2.5	10.3	0.6	545	182	53
F684ZZ	Shielded	4	9	4	10.3	1	545	182	53
F684-2RS	Sealed	4	9	4	10.3	1	545	182	53
MF104	Open	4	10	3	11.2	0.6	604	218	48
MF104ZZ	Shielded	4	10	4	11.6	0.8	604	218	48
MF104-2RS	Sealed	4	10	4	11.6	0.8	604	218	48
F694	Open	4	11	4	12.5	1	814	280	48
F694ZZ	Shielded	4	11	4	12.5	1	814	280	48
F694-2RS	Sealed	4	11	4	12.5	1	814	280	48
F604	Open	4	12	4	13.5	1	814	280	48
F604ZZ	Shielded	4	12	4	13.5	1	814	280	48
F604-2RS	Sealed	4	12	4	13.5	1	814	280	48
F624	Open	4	13	5	15	1	1106	390	40
F624ZZ	Shielded	4	13	5	15	1	1106	390	40
F624-2RS	Sealed	4	13	5	15	1	1106	390	40
F634	Open	4	16	5	18	1	1139	418	36
F634ZZ	Shielded	4	16	5	18	1	1139	418	36
F634-2RS	Sealed	4	16	5	18	1	1139	418	36
MF85	Open	5	8	2	9.2	0.6	262	96	53
MF85ZZ	Shielded	5	8	2.5	9.2	0.6	262	96	53
MF85-2RS	Sealed	5	8	2.5	9.2	0.6	262	96	53
MF95	Open	5	9	2.5	10.2	0.6	366	135	50
MF95ZZ	Shielded	5	9	3	10.2	0.6	366	135	50
MF95-2RS	Sealed	5	9	3	10.2	0.6	366	135	50
MF105	Open	5	10	3	11.2	0.6	366	135	50
MF105ZZ	Shielded	5	10	4	11.6	0.8	366	135	50
MF105-2RS	Sealed	5	10	4	11.6	0.8	366	135	50

Section 2 Metric Flanged



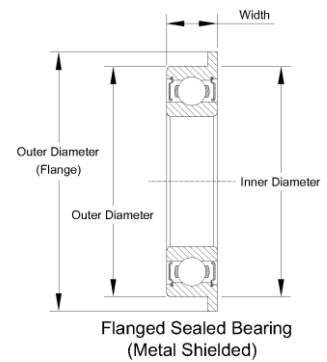
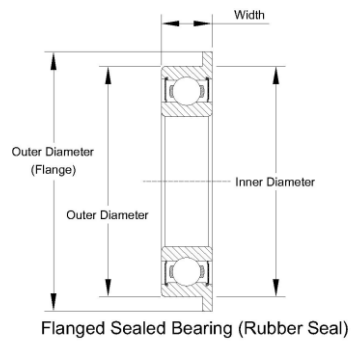
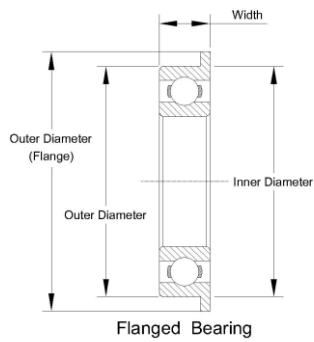
Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Flange Outer Dia (mm)	Flange Thickness	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)
MF115	Open	5	11	4	12.6	0.8	609	226	45
MF115ZZ	Shielded	5	11	4	12.6	0.8	609	226	45
MF115-2RS	Sealed	5	11	4	12.6	0.8	609	226	45
F685	Open	5	11	3	12.5	0.8	609	226	45
F685ZZ	Shielded	5	11	5	12.5	1	609	226	45
F685-2RS	Sealed	5	11	5	12.5	1	609	226	45
F695	Open	5	13	4	15	1	916	346	43
F695ZZ	Shielded	5	13	4	15	1	916	346	43
F695-2RS	Sealed	5	13	4	15	1	916	346	43
F605	Open	5	14	5	16	1	1130	406	40
F605ZZ	Shielded	5	14	5	16	1	1130	406	40
F605-2RS	Sealed	5	14	5	16	1	1130	406	40
F625	Open	5	16	5	18	1	1470	540	36
F625ZZ	Shielded	5	16	5	18	1	1470	540	36
F625-2RS	Sealed	5	16	5	18	1	1470	540	36
F635	Open	5	19	6	22	1.5	1986	717	32
F635ZZ	Shielded	5	19	6	22	1.5	1986	717	32
F635-2RS	Sealed	5	19	6	22	1.5	1986	717	32
MF106	Open	6	10	2.5	11.2	0.6	422	174	45
MF106ZZ	Shielded	6	10	3	11.2	0.6	422	174	45
MF106-2RS	Sealed	6	10	3	11.2	0.6	422	174	45
MF126	Open	6	12	3	13.2	0.6	609	236	43
MF126ZZ	Shielded	6	12	4	13.2	0.8	609	236	43
MF126-2RS	Sealed	6	12	4	13.2	0.8	609	236	43
F686	Open	6	13	3.5	15	1	920	354	40
F686ZZ	Shielded	6	13	5	15	1.1	920	354	40
F686-2RS	Sealed	6	13	5	15	1.1	920	354	40
F696	Open	6	15	5	17	12	1139	418	40
F696ZZ	Shielded	6	15	5	17	12	1139	418	40
F696-2RS	Sealed	6	15	5	17	12	1139	418	40

Section 2 Metric Flanged



Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Flange Outer Dia (mm)	Flange Thickness	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)
F606	Open	6	17	6	19	12	1924	677	38
F606ZZ	Shielded	6	17	6	19	12	1924	677	38
F606-2RS	Sealed	6	17	6	19	12	1924	677	38
F626	Open	6	19	6	22	1.5	1986	717	32
F626ZZ	Shielded	6	19	6	22	1.5	1986	717	32
F626-2RS	Sealed	6	19	6	22	1.5	1986	717	32
MF117	Open	7	11	2.5	12.2	0.6	387	162	43
MF117ZZ	Shielded	7	11	3	12.2	0.6	387	162	43
MF117-2RS	Sealed	7	11	3	12.2	0.6	387	162	43
MF137	Open	7	13	3	14.2	0.6	460	221	40
MF137ZZ	Shielded	7	13	4	14.6	0.8	460	221	40
MF137-2RS	Sealed	7	13	4	14.6	0.8	460	221	40
F687	Open	7	14	3.5	16	1	997	410	40
F687ZZ	Shielded	7	14	5	16	1.1	997	410	40
F687-2RS	Sealed	7	14	5	16	1.1	997	410	40
F697	Open	7	17	5	19	1.2	1364	575	36
F697ZZ	Shielded	7	17	5	19	1.2	1364	575	36
F697-2RS	Sealed	7	17	5	19	1.2	1364	575	36
F607	Open	7	19	6	22	1.5	1986	717	36
F607ZZ	Shielded	7	19	6	22	1.5	1986	717	36
F607-2RS	Sealed	7	19	6	22	1.5	1986	717	36
F627	Open	7	22	7	25	1.5	2794	1103	30
F627ZZ	Shielded	7	22	7	25	1.5	2794	1103	30
F627-2RS	Sealed	7	22	7	25	1.5	2794	1103	30
MF128	Open	8	12	2.5	13.2	0.6	462	219	40
MF128ZZ	Shielded	8	12	3.5	13.6	0.8	462	219	40
MF128-2RS	Sealed	8	12	3.5	13.6	0.8	462	219	40
MF148	Open	8	14	3.5	15.6	0.8	695	309	38
MF148ZZ	Shielded	8	14	4	15.6	0.8	695	309	38
MF148-2RS	Sealed	8	14	4	15.6	0.8	695	309	38

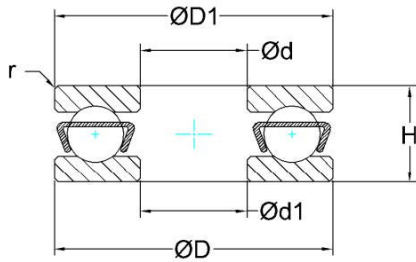
Section 2 Metric Flanged



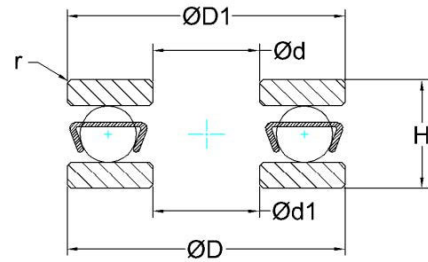
Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Flange Outer Dia (mm)	Flange Thickness	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)
F688	Open	8	16	4	18	1	1064	474	36
F688ZZ	Shielded	8	16	5	18	1.1	1064	474	36
F688-2RS	Sealed	8	16	5	18	1.1	1064	474	36
F698	Open	8	19	6	22	1.5	1902	734	36
F698ZZ	Shielded	8	19	6	22	1.5	1902	734	36
F698-2RS	Sealed	8	19	6	22	1.5	1902	734	36
F608	Open	8	22	7	25	1.5	2799	1103	34
F608ZZ	Shielded	8	22	7	25	1.5	2799	1103	34
F608-2RS	Sealed	8	22	7	25	1.5	2799	1103	34
F679	Open	9	14	3	15.5	0.8	781	374	36
F679ZZ	Shielded	9	14	4.5	15.5	0.8	781	374	36
F679-2RS	Sealed	9	14	4.5	15.5	0.8	781	374	36
F689	Open	9	17	4	19	1	1128	534	36
F689ZZ	Shielded	9	17	5	19	1.1	1128	534	36
F689-2RS	Sealed	9	17	5	19	1.1	1128	534	36
F699	Open	9	20	6	23	1.5	2097	865	34
F699ZZ	Shielded	9	20	7	23	1.5	2097	865	34
F699-2RS	Sealed	9	20	7	23	1.5	2097	865	34
F609	Open	9	24	7	27	1.5	2853	1155	32
F609ZZ	Shielded	9	24	7	27	1.5	2853	1155	32
F609-2RS	Sealed	9	24	7	27	1.5	2853	1155	32

We also manufacture these miniature flange ball bearings in stainless steel; material is available in AISI440C (9Cr18), AISI420 (9Cr13), AISI316L and AISI304. Please check the details on our website or send RFQ or talk to our sales representatives for more details.

Section 3 Metric Thrust



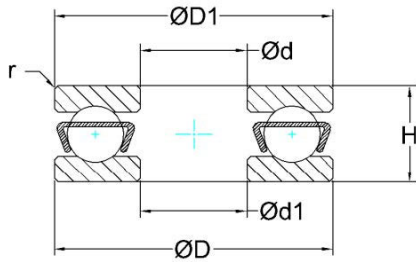
Miniature Thrust Bearing With Grooved Raceways



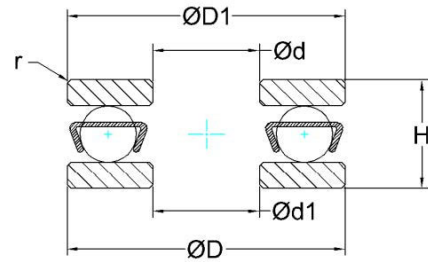
Miniature Thrust Bearing With Flat Raceways

Part Number	Washer Type	Shaft Washer ID (mm)	Housing Washer OD (mm)	Height (mm)	Dynamic Thrust Load (N)	Static Thrust Load (N)	Max Speed (x1000 rpm)	Weight (gram)
F2-6	Flat Raceway	2	6	3	117	83	16	0.6
F2-6M	Groove Raceway	2	6	3	117	83	16	0.5
F2.5-6M	Groove Raceway	2.5	6	3	117	83	16	0.8
F2.5-7	Flat Raceway	2.5	7	3.5	156	117	15	0.9
F2.5-7M	Groove Raceway	2.5	7	3.5	156	117	15	0.8
F3-6M	Groove Raceway	3	6	2.8	556	436	13	0.85
F3-8	Flat Raceway	3	8	3.5	600	480	11	0.9
F3-8M	Groove Raceway	3	8	3.5	600	480	11	0.6
F4-8M	Groove Raceway	4	8	3.3	705	526	9.3	0.9
F4-9	Flat Raceway	4	9	4	800	520	8	1.5
F4-9M	Groove Raceway	4	9	4	800	520	8	1.2
F4-10	Flat Raceway	4	10	4	658	580	6	2
F4-10M	Groove Raceway	4	10	4	658	580	6	1.5
F5-10M	Groove Raceway	5	10	4	950	830	5.1	1.6
F5-11	Flat Raceway	5	11	4.5	988	880	5	2.4
F5-11M	Groove Raceway	5	11	4.5	988	880	5	1.9
F5-12M	Groove Raceway	5	12	4	988	880	5	2.1
F6-11M	Groove Raceway	6	11	4.5	1600	1255	5	2.1
F6-12	Flat Raceway	6	12	4.5	1600	1255	5	2.5
F6-12M	Groove Raceway	6	12	4.5	1600	1255	5	2.2
F6-13M	Groove Raceway	6	13	5	1600	1255	5	2.2
F6-14M	Groove Raceway	6	14	5	1800	1588	4	3.5
F7-13M	Groove Raceway	7	13	4.5	1422	1255	4	2.6
F7-15	Flat Raceway	7	15	5	2200	2000	3.6	4.4
F7-15M	Groove Raceway	7	15	5	2200	2000	3.6	4.3
F7-17M	Groove Raceway	7	17	6	2600	2256	3.5	6.5
F8-16	Flat Raceway	8	16	5	2500	3000	4	5
F8-16M	Groove Raceway	8	16	5	2500	3000	4	4.5
F8-19M	Groove Raceway	8	19	7	3452	3000	3	9.1
F9-17	Flat Raceway	9	17	5	578	627	8	5.1

Section 3 *Metric Thrust*



Miniature Thrust Bearing With Grooved Raceways

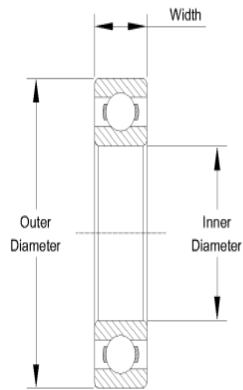


Miniature Thrust Bearing With Flat Raceways

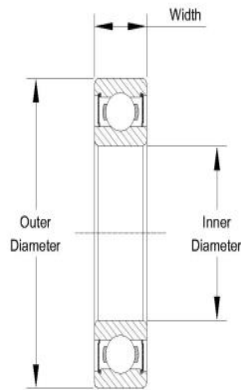
Part Number	Washer Type	Shaft Washer ID (mm)	Housing Washer OD (mm)	Height (mm)	Dynamic Thrust Load (N)	Static Thrust Load (N)	Max Speed (x1000 rpm)	Weight (gram)
F9-17M	Groove Raceway	9	17	5	578	627	8	5
F9-20M	Groove Raceway	9	20	7	3356	2999	2.5	9.9
F10-18	Flat Raceway	10	18	5.5	2230	2721	2.5	6
F10-18M	Groove Raceway	10	18	5.5	2230	2721	2.5	5.4
F10-20M	Groove Raceway	10	20	6.5	4707	6243	2.3	8.5
F12-21M	Groove Raceway	12	21	5	2100	2600	1.8	8
F12-23M	Groove Raceway	12	23	7.5	3605	3900	1.8	13
51100	Groove Raceway	10	24	9	10000	14000	6.3	19
51101	Groove Raceway	12	26	9	10200	15200	6	21
51200	Groove Raceway	10	26	11	12500	17000	6	28
51201	Groove Raceway	12	28	11	13200	19000	5.3	31

We also manufacture these thrust ball bearings in stainless steel; material is available in AISI440C (9Cr18) and AISI420 (9Cr13). Please check the details on our website or send RFQ or talk to our sales representatives for more details.

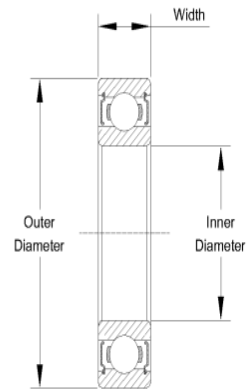
Section 4 Thin Section



Standard Bearing (Open Type)



Sealed Bearing (Rubber Seal)

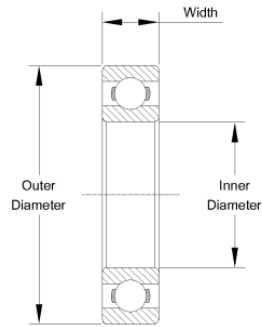


Sealed Bearing (Metal Shielded)

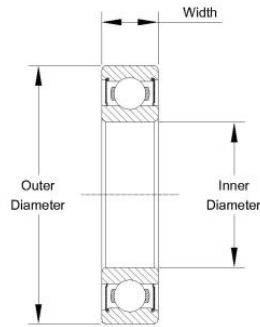
Part Number	Seal Type	Bore Dia (mm)	Outer Dia (mm)	Width (mm)	Dynamic Radial Load (N)	Static Radial Load (N)	Max Speed (x1000 rpm)	Weight (gram)
6700	Open	10	15	3	855	435	15	1.5
6700ZZ	Shielded	10	15	4	855	435	15	1.9
6700-2RS	Sealed	10	15	4	855	435	15	1.9
6701	Open	12	18	4	926	530	13	3.1
6701ZZ	Shielded	12	18	4	926	530	13	3.2
6701-2RS	Sealed	12	18	4	926	530	13	3.2
6800	Open	10	19	5	1716	840	37	5
6800ZZ	Shielded	10	19	5	1716	840	37	5.6
6800-2RS	Sealed	10	19	5	1716	840	37	5.6
6801	Open	12	21	5	1915	1041	33	6.5
6801ZZ	Shielded	12	21	5	1915	1041	33	6.5
6801-2RS	Sealed	12	21	5	1915	1041	33	6.5
6900	Open	10	22	6	2695	1273	34	10
6900ZZ	Shielded	10	22	6	2695	1273	34	10
6900-2RS	Sealed	10	22	6	2695	1273	34	10
6901	Open	12	24	6	2886	1466	31	12
6901ZZ	Shielded	12	24	6	2886	1466	31	12
6901-2RS	Sealed	12	24	6	2886	1466	31	12
63800	Open	10	19	7	1716	840	34	7.4
63800ZZ	Shielded	10	19	7	1716	840	34	8
63800-2RS	Sealed	10	19	7	1716	840	34	8
63801	Open	12	21	7	1902	1040	30	8.1
63801ZZ	Shielded	12	21	7	1902	1040	30	8.5
63801-2RS	Sealed	12	21	7	1902	1040	30	8.5

We also manufacture these thin section ball bearings in stainless steel; material is available in AISI440C (9Cr18), AISI420 (9Cr13), AISI316L and AISI304. Please check the details on our website or send RFQ or talk to our sales representatives for more details.

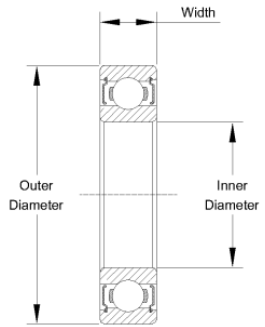
Section 5 Inch Standard



Standard Bearing (Open Type)



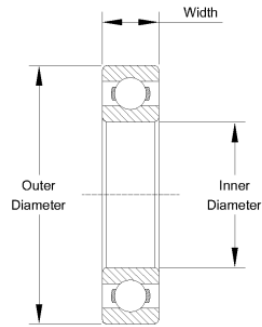
Sealed Bearing (Rubber Seal)



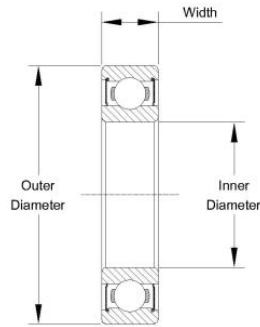
Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (inch)	Outer Dia (inch)	Width (inch)	Dynamic Radial Load (lbf)	Static Radial Load (lbf)	Max Speed (x1000 rpm)	Weight (gram)
R09	Open	0.04	0.125	0.0469	20.020	5.006	130	0.05
R0	Open	0.04688	0.15625	0.0625	21.022	6.008	110`	0.1
R0ZZ	Shielded	0.04688	0.15625	0.0625	21.022	6.008	110`	0.15
R1	Open	0.05556	0.1875	0.0781	44.046	12.013	90	0.15
R1ZZ	Shielded	0.05556	0.1875	0.0781	44.046	12.013	90	0.19
R1-4	Open	0.07813	0.25	0.0937	54.058	17.019	67	0.4
R1-4ZZ	Shielded	0.07813	0.25	0.0937	54.058	17.019	67	0.53
R1-4 2RS	Sealed	0.07813	0.25	0.0937	54.058	17.019	67	0.53
R1-5	Open	0.09375	0.3125	0.1094	106.114	32.033	60	0.6
R1-5ZZ	Shielded	0.09375	0.3125	0.1406	106.114	32.033	60	1.15
R1-5 2RS	Sealed	0.09375	0.3125	0.1406	106.114	32.033	60	1.15
R133	Open	0.09375	0.1875	0.0625	36.038	11.012	80	0.1
R133ZZ	Shieled	0.09375	0.1875	0.0937	28.030	10.010	80	0.15
R133-2RS	Sealed	0.09375	0.1875	0.0937	28.030	10.010	80	0.15
R144	Open	0.125	0.25	0.0937	54.058	17.019	67	0.27
R144ZZ	Shieled	0.125	0.25	0.1097	54.058	17.019	67	0.4
R144-2RS	Sealed	0.125	0.25	0.1097	54.058	17.019	67	0.4
R2	Open	0.125	0.375	0.1562	121.129	39.042	56	1.04
R2ZZ	Shieled	0.125	0.375	0.1562	121.129	39.042	56	1.37
R2-2RS	Sealed	0.125	0.375	0.1562	121.129	39.042	56	1.37
R2-5	Open	0.125	0.3125	0.1094	107.114	32.033	60	0.5
R2-5ZZ	Shieled	0.125	0.3125	0.1406	107.114	32.033	60	0.74
R2-5 2RS	Sealed	0.125	0.3125	0.1406	107.114	32.033	60	0.74
R2-6	Open	0.125	0.375	0.1094	122.130	41.044	53	0.96
R2-6ZZ	Shieled	0.125	0.375	0.1406	122.130	41.044	53	1.23
R2-6 2RS	Sealed	0.125	0.375	0.1406	122.130	41.044	53	1.23
R2A	Open	0.125	0.5	0.1719	122.130	41.044	53	3.3
R2AZZ	Shielded	0.125	0.5	0.1719	122.130	41.044	53	3.5
R2A 2RS	Sealed	0.125	0.5	0.1719	122.130	41.044	53	3.5
R155	Open	0.15625	0.3125	0.1094	69.073	27.029	53	0.51

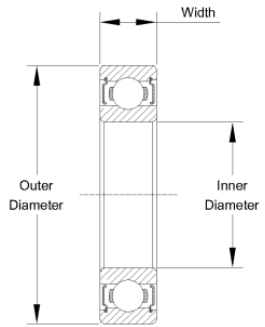
Section 5 *Inch Standard*



Standard Bearing (Open Type)



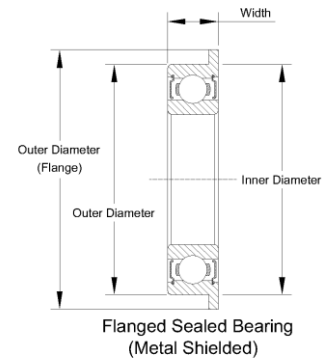
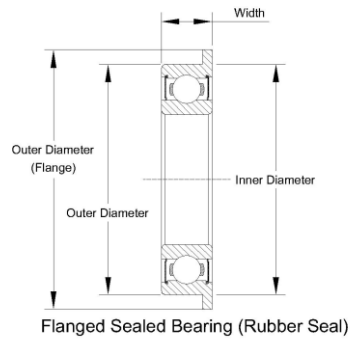
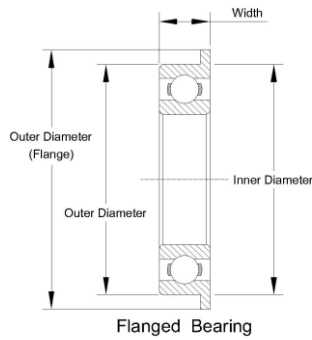
Sealed Bearing (Rubber Seal)



Sealed Bearing (Metal Shielded)

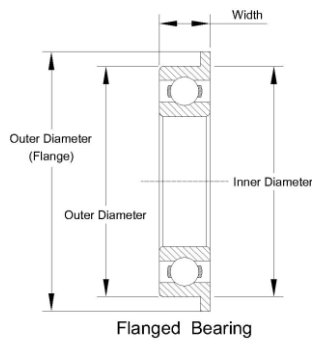
Part Number	Seal Type	Bore Dia (inch)	Outer Dia (inch)	Width (inch)	Dynamic Radial Load (lbf)	Static Radial Load (lbf)	Max Speed (x1000 rpm)	Weight (gram)
R155ZZ	Shielded	0.15625	0.3125	0.1250	69.073	27.029	53	0.61
R155-2RS	Sealed	0.15625	0.3125	0.1250	69.073	27.029	53	0.61
R156	Open	0.1875	0.3125	0.1094	69.073	27.029	53	0.4
R156ZZ	Shielded	0.1875	0.3125	0.1250	69.073	27.029	53	0.52
R156-2RS	Sealed	0.1875	0.3125	0.1250	69.073	27.029	53	0.52
R166	Open	0.1875	0.375	0.1250	136.145	49.052	50	0.81
R166ZZ	Shielded	0.1875	0.375	0.1250	136.145	49.052	50	0.85
R166-2RS	Sealed	0.1875	0.375	0.1250	136.145	49.052	50	0.85
R3	Open	0.1875	0.5	0.1562	249.266	88.094	43	2.21
R3ZZ	Shielded	0.1875	0.5	0.1960	249.266	88.094	43	3
R3-2RS	Sealed	0.1875	0.5	0.1960	249.266	88.094	43	3
R3A	Open	0.1875	0.625	0.1960	283.302	112.120	38	5.08
R3AZZ	Shielded	0.1875	0.625	0.1960	283.302	112.120	38	5.08
R3A-2RS	Sealed	0.1875	0.625	0.1960	283.302	112.120	38	5.08
R168	Open	0.25	0.375	0.1250	71.075	31.034	48	0.57
R168ZZ	Shielded	0.25	0.375	0.1250	71.075	31.034	48	0.6
R168-2RS	Sealed	0.25	0.375	0.1250	71.075	31.034	48	0.6
R188	Open	0.25	0.5	0.1250	207.220	80.086	40	1.6
R188ZZ	Shielded	0.25	0.5	0.1875	207.220	80.086	40	2.32
R188-2RS	Sealed	0.25	0.5	0.1875	207.220	80.086	40	2.32
R4	Open	0.25	0.625	0.1960	283.302	112.120	38	4.46
R4ZZ	Shielded	0.25	0.625	0.1960	283.302	112.120	38	4.54
R4-2RS	Sealed	0.25	0.625	0.1960	283.302	112.120	38	4.54
R4A	Open	0.25	0.75	0.2812	446.476	161.172	36	7.48
R4AZZ	Shielded	0.25	0.75	0.2812	446.476	161.172	36	10
R4A-2RS	Sealed	0.25	0.75	0.2812	446.476	161.172	36	10
R6	Open	0.375	0.875	0.2812	637.682	256.275	32	9.02
R6ZZ	Sealed	0.375	0.875	0.2812	637.682	256.275	32	11.7
R6-2RS	Open	0.375	0.875	0.2812	637.682	256.275	32	11.7

Section 2 *Inch Flanged*

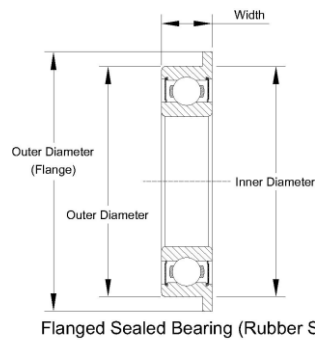


Part Number	Seal Type	Bore Dia (inch)	Outer Dia (mm)	Width (inch)	Flange Outer Dia (inch)	Flange Thickness	Dynamic Radial Load (lbf)	Static Radial Load (lbf)	Max Speed (x1000 rpm)
FR0	Open	0.04688	0.15625	0.0625	0.2030	0.013	21.022	6.008	110
FR0ZZ	Shielded	0.04688	0.15625	0.0625	0.0937	0.031	21.022	6.008	110
FR1	Open	0.05556	0.1875	0.0781	0.2340	0.023	44.046	12.013	90
FR1ZZ	Shielded	0.05556	0.1875	0.1094	0.2340	0.031	44.046	12.013	90
FR1-4	Open	0.07813	0.25	0.0937	0.2960	0.023	54.058	17.019	67
FR1-4ZZ	Shielded	0.07813	0.25	0.1406	0.2960	0.031	54.058	17.019	67
FR1-4 2RS	Sealed	0.07813	0.25	0.1406	0.2960	0.031	54.058	17.019	67
FR1-5	Open	0.09375	0.3125	0.1094	0.3590	0.023	106.114	32.033	60
FR1-5ZZ	Shielded	0.09375	0.3125	0.1406	0.3590	0.031	106.114	32.033	60
FR1-5 2RS	Sealed	0.09375	0.3125	0.1406	0.3590	0.031	106.114	32.033	60
FR133	Open	0.09375	0.1875	0.0625	0.2340	0.018	36.038	11.012	80
FR133ZZ	Shielded	0.09375	0.1875	0.0937	0.2340	0.031	28.030	10.010	80
FR133-2RS	Sealed	0.09375	0.1875	0.0937	0.2340	0.031	28.030	10.010	80
FR144	Open	0.125	0.25	0.0937	0.2960	0.023	54.058	17.019	67
FR144ZZ	Shielded	0.125	0.25	0.1094	0.2960	0.031	54.058	17.019	67
FR144-2RS	Sealed	0.125	0.25	0.1094	0.2960	0.031	54.058	17.019	67
FR2	Open	0.125	0.375	0.1562	0.4400	0.030	121.129	39.042	56
FR2ZZ	Shielded	0.125	0.375	0.1562	0.4400	0.030	121.129	39.042	56
FR2-2RS	Sealed	0.125	0.375	0.1562	0.4400	0.030	121.129	39.042	56
FR2-5	Open	0.125	0.3125	0.1094	0.3590	0.023	107.114	32.033	60
FR2-5ZZ	Shielded	0.125	0.3125	0.1406	0.3590	0.031	107.114	32.033	60
FR2-5 2RS	Sealed	0.125	0.3125	0.1406	0.3590	0.031	107.114	32.033	60
FR2-6	Open	0.125	0.375	0.1094	0.4220	0.023	122.130	41.044	53
FR2-6ZZ	Shielded	0.125	0.375	0.1406	0.4220	0.031	122.130	41.044	53
FR2-6 2RS	Sealed	0.125	0.375	0.1406	0.4220	0.031	122.130	41.044	53
FR155	Open	0.15625	0.3125	0.1094	0.3590	0.023	69.073	27.029	53
FR155ZZ	Shielded	0.15625	0.3125	0.1250	0.036	0.036	69.073	27.029	53
FR155-2RS	Sealed	0.15625	0.3125	0.1250	0.036	0.036	69.073	27.029	53
F156	Open	0.1875	0.3125	0.1094	0.3590	0.023	69.073	27.029	53
FR156ZZ	Shielded	0.1875	0.3125	0.1250	0.3590	0.036	69.073	27.029	53

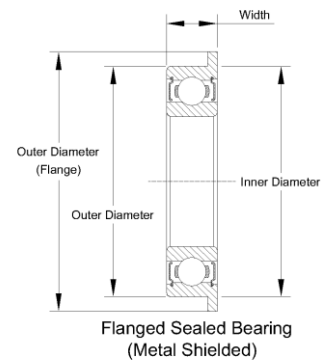
Section 2 *Inch Flanged*



Flanged Bearing



Flanged Sealed Bearing (Rubber Seal)



Flanged Sealed Bearing (Metal Shielded)

Part Number	Seal Type	Bore Dia (inch)	Outer Dia (mm)	Width (inch)	Flange Outer Dia (inch)	Flange Thickness	Dynamic Radial Load (lbf)	Static Radial Load (lbf)	Max Speed (x1000 rpm)
FR156-2RS	Sealed	0.1875	0.3125	0.1250	0.3590	0.036	69.073	27.029	53
FR166	Open	0.1875	0.375	0.1250	0.4220	0.023	136.145	49.052	50
FR166ZZ	Shielded	0.1875	0.375	0.1250	0.4220	0.031	136.145	49.052	50
FR166-2RS	Sealed	0.1875	0.375	0.1250	0.4220	0.031	136.145	49.052	50
FR3	Open	0.1875	0.5	0.1906	0.5650	0.042	249.266	88.094	43
FR3ZZ	Shielded	0.1875	0.5	0.1906	0.5650	0.042	249.266	88.094	43
FR3-2RS	Sealed	0.1875	0.5	0.1906	0.5650	0.042	249.266	88.094	43
FR168	Open	0.25	0.375	0.1250	0.4220	0.023	71.075	31.034	48
FR168ZZ	Shielded	0.25	0.375	0.1250	0.4220	0.036	71.075	31.034	48
FR168-2RS	Sealed	0.25	0.375	0.1250	0.4220	0.036	71.075	31.034	48
FR188	Open	0.25	0.5	0.1250	0.5470	0.023	344.367	80.086	40
FR188ZZ	Shielded	0.25	0.5	0.1875	0.5470	0.045	344.367	80.086	40
FR188-2RS	Sealed	0.25	0.5	0.1875	0.5470	0.045	344.367	80.086	40
FR4	Open	0.25	0.625	0.1960	0.6900	0.042	283.302	112.120	38
FR4ZZ	Shielded	0.25	0.625	0.1960	0.6900	0.042	283.302	112.120	38
FR4-2RS	Sealed	0.25	0.625	0.1960	0.6900	0.042	283.302	112.120	38
FR1810	Open	0.3125	0.5	0.1562	0.5470	0.031	104.112	50.054	40
FR1810ZZ	Shielded	0.3125	0.5	0.1562	0.5470	0.031	104.112	50.054	40
FR1810-2RS	Sealed	0.3125	0.5	0.1562	0.5470	0.031	104.112	50.054	40
FR6	Open	0.375	0.875	0.2188	0.9650	0.062	367.682	256.275	32
FR6ZZ	Shielded	0.375	0.875	0.2812	0.9650	0.062	367.682	256.275	32
FR6-2RS	Sealed	0.375	0.875	0.2812	0.9650	0.062	367.682	256.275	32

We also manufacture these inch flange ball bearings in stainless steel; material is available in AISI440C (9Cr18), AISI420 (9Cr13), AISI316L and AISI304. Please check the details on our website or send RFQ or talk to our sales representatives for more details.