Miniature & Flanged Deep Groove Ball Bearing Size Chart — MR / 6xx / R / 1600 / F / MF / FR

Main dimensions in millimetres. d = bore, D = outside diameter, B = width. Seal: Open = no shield or seal, ZZ = metal shields, 2RS = rubber seals. The seal column lists the versions in our catalogue; other versions on request. Inch sizes show millimetres with inches below. Flanged bearings: D1 = flange outside diameter, C1 = flange width. A blank cell means the value is not yet confirmed.

Metric miniature — 60x / 62x / 63x / 68x / 69x / 618 / 619

Model	d	D	B	Seal
68/0.6	0.6	2.5	1	Open
681	1	3	1	Open
691	1	4	1.6	Open
68-1.5	1.5	4	1.2	Open
681X	1.5	4	1.2	—
68-1.5	1.5	4	2	ZZ
681X	1.5	4	2	ZZ
69-1.5	1.5	5	2	Open
691X	1.5	5	2	—
69-1.5	1.5	5	2.6	ZZ
691X	1.5	5	2.6	ZZ
60-1.5	1.5	6	2.5	Open
601X	1.5	6	2.5	—
60-1.5	1.5	6	3	ZZ
601X	1.5	6	3	ZZ
672	2	4	1.2	Open
672	2	4	2	ZZ
682	2	5	1.5	Open
682	2	5	2.3	ZZ • 2RS
692	2	6	2.3	Open
692	2	6	3	ZZ • 2RS
602	2	7	2.8	Open
602	2	7	3.5	ZZ • 2RS
69-2.3	2.3	7	2.5	Open • ZZ
60-2.3	2.3	8	2.8	Open • ZZ
68-2.5	2.5	6	1.8	Open • ZZ
682X	2.5	6	1.8	—
682X	2.5	6	2.6	ZZ • 2RS
69-2.5	2.5	7	2.5	Open • ZZ
692X	2.5	7	2.5	—
692X	2.5	7	3.5	ZZ • 2RS
60-2.5	2.5	8	2.8	Open • ZZ
602X	2.5	8	2.8	—
602X	2.5	8	4	ZZ • 2RS
618/3	3	7	2	—
683	3	7	2	—

Model	d	D	B	Seal
683A	3	7	2	Open
683	3	7	3	ZZ • 2RS
683A	3	7	3	ZZ
619/3	3	8	3	—
693	3	8	3	Open
693	3	8	4	ZZ • 2RS
603	3	9	3	Open
603	3	9	5	ZZ • 2RS
623	3	10	4	2RS
633	3	13	5	ZZ • 2RS
618/4	4	9	2.5	—
684	4	9	2.5	—
684A	4	9	2.5	Open
684	4	9	4	ZZ • 2RS
684A	4	9	4	ZZ
619/4	4	11	4	—
694	4	11	4	Open • ZZ • 2RS
604	4	12	4	Open • ZZ • 2RS
624	4	13	5	ZZ • 2RS
634	4	16	5	ZZ • 2RS
618/5	5	11	3	—
685	5	11	3	Open
685	5	11	5	ZZ • 2RS
619/5	5	13	4	—
695	5	13	4	Open • ZZ • 2RS
605	5	14	5	Open • ZZ • 2RS
625	5	16	5	ZZ
635	5	19	6	ZZ
618/6	6	13	3.5	—
686	6	13	3.5	—
686A	6	13	3.5	Open
686	6	13	5	ZZ • 2RS
686A	6	13	5	ZZ • 2RS
619/6	6	15	5	—
696	6	15	5	Open • ZZ • 2RS
606	6	17	6	Open • ZZ • 2RS
626	6	19	6	ZZ
618/7	7	14	3.5	—
687	7	14	3.5	Open
687	7	14	5	ZZ • 2RS
619/7	7	17	5	—
697	7	17	5	ZZ • 2RS
607	7	19	6	Open • ZZ • 2RS
627	7	22	7	ZZ
637	7	26	9	ZZ
618/8	8	16	4	—

Model	d	D	B	Seal
688	8	16	4	—
688A	8	16	4	Open
688	8	16	5	ZZ • 2RS
688A	8	16	5	ZZ • 2RS
619/8	8	19	6	—
698	8	19	6	Open • ZZ • 2RS
608	8	22	7	Open • ZZ • 2RS
638	8	28	9	ZZ
679	9	14	3	Open
679	9	14	4.5	ZZ • 2RS
618/9	9	17	4	—
689	9	17	4	Open
689	9	17	5	ZZ • 2RS
699	9	20	6	Open • ZZ • 2RS
609	9	24	7	Open • ZZ • 2RS
639	9	30	10	2RS

MR series — metric miniature

Model	d	D	B	Seal
MR31	1	3	1.5	Open
MR41X	1.2	4	1.8	Open
MR41X	1.2	4	2.5	ZZ
MR42 / MR42ZZ	2	4	1.2 / 2	Open / ZZ
MR52	2	5	2	2RS
MR52B	2	5	2	—
MR52B	2	5	2.5	ZZ
MR62	2	6	2.5	ZZ • 2RS
MR72	2	7	2.5	Open • ZZ
MR72	2	7	3	ZZ
MR9-2.3	2.3	9	3	Open • ZZ
MR5-2.5	2.5	5	1.5	Open • ZZ
MR8-2.5	2.5	8	2.5	Open • ZZ
MR82X	2.5	8	2.5	Open
MR63	3	6	2	Open
MR63	3	6	2.5	ZZ
MR83	3	8	2.5	2RS
MR93	3	9	2.5	ZZ
MR93	3	9	4	ZZ
MR74	4	7	2	Open
MR74	4	7	2.5	ZZ
MR84	4	8	2	2RS
MR84	4	8	3	ZZ
MR104	4	10	3	ZZ
MR104B	4	10	3	Open
MR104B	4	10	4	ZZ
MR85	5	8	2	2RS

Model	d	D	B	Seal
MR85	5	8	2.5	ZZ
MR95	5	9	2.5	2RS
MR95	5	9	3	ZZ
MR105	5	10	3	ZZ
MR105	5	10	4	ZZ
MR115	5	11	4	ZZ • 2RS
MR106	6	10	2.5	Open
MR106	6	10	3	ZZ
MR126	6	12	3	2RS
MR126	6	12	4	ZZ
MR117	7	11	2.5	Open
MR117	7	11	3	ZZ
MR137	7	13	3	2RS
MR137	7	13	4	ZZ
MR128	8	12	2.5	ZZ
MR128	8	12	3.5	ZZ
MR148	8	14	3.5	Open
MR148	8	14	4	ZZ • 2RS

Inch miniature — R and 1600 series

Model	d	D	B	Seal
R09	1.016 0.04″	3.175 0.125″	1.191 0.0469″	Open
R0	1.191 0.0469″	3.967 0.1562″	1.588 0.0625″	Open
R0	1.191 0.0469″	3.967 0.1562″	2.38 0.0937″	ZZ
R1	1.397 0.055″	4.762 0.1875″	1.984 0.0781″	Open
R1	1.397 0.055″	4.762 0.1875″	2.779 0.1094″	ZZ
R1-4	1.984 0.0781″	6.35 0.25″	2.38 0.0937″	—
R1-4	1.984 0.0781″	6.35 0.25″	3.571 0.1406″	ZZ • 2RS
R1-5-2.3	2.3 0.0906″	7.938 0.3125″	2.779 0.1094″	Open • ZZ
R133	2.38 0.0937″	4.762 0.1875″	1.588 0.0625″	Open • ZZ
R133	2.38 0.0937″	4.762 0.1875″	2.38 0.0937″	ZZ • 2RS
R1-5	2.38 0.0937″	7.938 0.3125″	2.779 0.1094″	Open
R1-5	2.38 0.0937″	7.938 0.3125″	3.571 0.1406″	ZZ • 2RS
R144	3.175 0.125″	6.35 0.25″	2.38 0.0937″	Open
R144	3.175 0.125″	6.35 0.25″	2.779 0.1094″	ZZ • 2RS
R2-5	3.175 0.125″	7.938 0.3125″	2.779 0.1094″	Open

Model	d	D	B	Seal
R2-5	3.175 0.125″	7.938 0.3125″	3.571 0.1406″	ZZ • 2RS
R2-6	3.175 0.125″	9.525 0.375″	2.779 0.1094″	Open
R2-6	3.175 0.125″	9.525 0.375″	3.571 0.1406″	ZZ • 2RS
R2	3.175 0.125″	9.525 0.375″	3.967 0.1562″	Open • ZZ • 2RS
R2A	3.175 0.125″	12.7 0.5″	4.366 0.1719″	Open • ZZ • 2RS
R155	3.967 0.1562″	7.938 0.3125″	2.779 0.1094″	Open
R155	3.967 0.1562″	7.938 0.3125″	3.175 0.125″	ZZ • 2RS
R156	4.762 0.1875″	7.938 0.3125″	2.779 0.1094″	Open
R156	4.762 0.1875″	7.938 0.3125″	3.175 0.125″	ZZ • 2RS
R166	4.762 0.1875″	9.525 0.375″	3.175 0.125″	Open • ZZ • 2RS
R3	4.762 0.1875″	12.7 0.5″	4.978 0.196″	ZZ • 2RS
R3A	4.762 0.1875″	15.875 0.625″	4.978 0.196″	ZZ • 2RS
1601	4.762 0.1875″	17.463 0.6875″	6.35 0.25″	ZZ
1601	4.762 0.1875″	17.463 0.6875″	7.938 0.3125″	2RS
R3	4.763 0.1875″	12.7 0.5″	3.969 0.1563″	Open
R3A	4.763 0.1875″	15.875 0.625″	4.978 0.196″	—
R25V	4.763 0.1875″	22 0.8661″	14 0.5512″	—
R168	6.35 0.25″	9.525 0.375″	3.175 0.125″	Open • ZZ • 2RS
R168B	6.35 0.25″	9.525 0.375″	3.175 0.125″	Open • ZZ
R188	6.35 0.25″	12.7 0.5″	3.175 0.125″	Open
R188	6.35 0.25″	12.7 0.5″	4.762 0.1875″	ZZ • 2RS
R4	6.35 0.25″	15.875 0.625″	4.978 0.196″	ZZ • 2RS
R4B	6.35 0.25″	15.875 0.625″	4.978 0.196″	Open • ZZ
1602	6.35 0.25″	17.463 0.6875″	6.35 0.25″	ZZ
1602	6.35 0.25″	17.463 0.6875″	7.938 0.3125″	2RS
R4A	6.35 0.25″	19.05 0.75″	5.556 0.2187″	—
R4AA	6.35 0.25″	19.05 0.75″	5.558 0.2188″	Open
R4A	6.35 0.25″	19.05 0.75″	7.142 0.2812″	ZZ • 2RS

Model	d	D	B	Seal
R4AA	6.35 0.25″	19.05 0.75″	7.142 0.2812″	ZZ
R1810	7.938 0.3125″	12.7 0.5″	3.967 0.1562″	Open • ZZ • 2RS
1603	7.938 0.3125″	22.225 0.875″	7.144 0.2813″	ZZ
1603	7.938 0.3125″	22.225 0.875″	8.733 0.3438″	2RS
1605	7.938 0.3125″	23.017 0.9062″	7.938 0.3125″	ZZ • 2RS
R6	9.525 0.375″	22.225 0.875″	5.558 0.2188″	Open
R6	9.525 0.375″	22.225 0.875″	7.142 0.2812″	ZZ • 2RS
1604	9.525 0.375″	22.225 0.875″	7.144 0.2813″	ZZ
1604	9.525 0.375″	22.225 0.875″	8.733 0.3438″	2RS
1606	9.525 0.375″	23.017 0.9062″	7.938 0.3125″	ZZ • 2RS
1614	9.525 0.375″	28.575 1.125″	9.525 0.375″	ZZ • 2RS
1607	11.112 0.4375″	23.017 0.9062″	7.938 0.3125″	ZZ • 2RS
1615	11.112 0.4375″	28.575 1.125″	9.525 0.375″	ZZ • 2RS
1620	11.112 0.4375″	34.925 1.375″	11.112 0.4375″	ZZ • 2RS
1607	11.113 0.4375″	23.017 0.9062″	7.938 0.3125″	—
1615	11.113 0.4375″	28.575 1.125″	9.525 0.375″	—
1620	11.113 0.4375″	34.925 1.375″	11.113 0.4375″	—
R8	12.7 0.5″	28.575 1.125″	6.35 0.25″	—
R8	12.7 0.5″	28.575 1.125″	7.938 0.3125″	ZZ • 2RS
1616	12.7 0.5″	28.575 1.125″	9.525 0.375″	ZZ • 2RS
1621	12.7 0.5″	34.925 1.375″	11.112 0.4375″	ZZ • 2RS
1621	12.7 0.5″	34.925 1.375″	11.113 0.4375″	—
1622	14.288 0.5625″	34.925 1.375″	11.112 0.4375″	ZZ • 2RS
1622	14.288 0.5625″	34.925 1.375″	11.113 0.4375″	—
R10	15.875 0.625″	34.925 1.375″	7.144 0.2813″	—
R10	15.875 0.625″	34.925 1.375″	8.733 0.3438″	ZZ • 2RS
1623	15.875 0.625″	34.925 1.375″	11.112 0.4375″	ZZ • 2RS
1623	15.875 0.625″	34.925 1.375″	11.113 0.4375″	—

Model	d	D	B	Seal
1628	15.875 0.625″	41.275 1.625″	12.7 0.5″	ZZ • 2RS
1633	15.875 0.625″	44.45 1.75″	12.7 0.5″	ZZ • 2RS
R12	19.05 0.75″	41.275 1.625″	7.938 0.3125″	—
R12	19.05 0.75″	41.275 1.625″	11.112 0.4375″	ZZ • 2RS
1630	19.05 0.75″	41.275 1.625″	12.7 0.5″	ZZ • 2RS
1635	19.05 0.75″	44.45 1.75″	12.7 0.5″	ZZ • 2RS
1638	19.05 0.75″	50.8 2″	14.288 0.5625″	ZZ • 2RS
1639	20.638 0.8125″	50.8 2″	14.288 0.5625″	—
R14	22.225 0.875″	47.625 1.875″	9.525 0.375″	—
R14	22.225 0.875″	47.625 1.875″	12.7 0.5″	ZZ • 2RS
1640	22.225 0.875″	50.8 2″	14.288 0.5625″	ZZ • 2RS
R16	25.4 1″	50.8 2″	9.525 0.375″	—
R16	25.4 1″	50.8 2″	12.7 0.5″	ZZ • 2RS
1641	25.4 1″	50.8 2″	14.288 0.5625″	ZZ • 2RS
R18	28.575 1.125″	53.975 2.125″	9.525 0.375″	—
R18	28.575 1.125″	53.975 2.125″	12.7 0.5″	ZZ • 2RS
1652	28.575 1.125″	63.5 2.5″	15.875 0.625″	ZZ • 2RS
R20	31.75 1.25″	57.15 2.25″	9.525 0.375″	—
R20	31.75 1.25″	57.15 2.25″	12.7 0.5″	ZZ • 2RS
1654	31.75 1.25″	63.5 2.5″	15.875 0.625″	ZZ • 2RS
1654	31.75 1.25″	63.5 2.5″	16.271 0.6406″	—
1657	31.75 1.25″	65.087 2.5625″	17.463 0.6875″	ZZ • 2RS
1657	31.75 1.25″	65.088 2.5625″	17.642 0.6946″	—
1658	33.338 1.3125″	65.087 2.5625″	17.463 0.6875″	ZZ • 2RS
1658	33.338 1.3125″	65.088 2.5625″	17.642 0.6946″	—
R22	34.925 1.375″	63.5 2.5″	11.113 0.4375″	—
R22	34.925 1.375″	63.5 2.5″	14.288 0.5625″	ZZ • 2RS
R24	38.1 1.5″	66.675 2.625″	14.288 0.5625″	ZZ • 2RS

Flanged bearings — metric (F / MF)

Model	d	D	B	D1	C1	Seal
F681	1	3	1	3.8	0.3	Open
F691	1	4	1.6	5	0.5	Open
MF41X / FMR41X	1.2	4	1.8	4.8	0.4	Open
SMF41X	1.2	4	1.8	4.8	0.4	Open
FMR41X	1.2	4	2.5			ZZ
F68/1.5	1.5	4	1.2			Open
F68/1.5	1.5	4	2			ZZ
F681X	1.5	4	2	5	0.6	ZZ
F69/1.5	1.5	5	2			Open
F69/1.5	1.5	5	2.6			ZZ
F691X	1.5	5	2.6	6.5	0.8	ZZ
F60/1.5	1.5	6	2.5			Open
F601X	1.5	6	2.5	7.5	0.6	Open
F60/1.5	1.5	6	3			ZZ
F601X	1.5	6	3	7.5	0.8	ZZ
F682	2	5	1.5	6.1	0.5	ZZ
MF52B	2	5	2	6.2		Open
F682	2	5	2.3	6.1	0.6	ZZ
MF52	2	5	2.5			ZZ
MF52B	2	5	2.5	6.2		ZZ
SMF52	2	5	2.5			2RS
F692	2	6	2.3	7.5	0.6	Open
MF62	2	6	2.5	7.2	0.6	2RS
SMF62	2	6	2.5	7.2	0.6	2RS
F692	2	6	3	7.5	0.8	ZZ
MF72	2	7	2.5	8.2	0.6	Open
SMF72	2	7	2.5	8.2	0.6	Open
F602	2	7	2.8	8.5	0.7	ZZ
MF72	2	7	3	8.2	0.6	ZZ
F602	2	7	3.5	8.5	0.9	ZZ
F682X	2.5	6	1.8	7.1	0.5	2RS
F682XF	2.5	6	1.8			Open
F682X	2.5	6	2.6	7.1	0.8	ZZ
F692X	2.5	7	2.5	8.5	0.7	ZZ
F692XF	2.5	7	2.5			Open
F692X	2.5	7	3.5	8.5	0.9	ZZ
MF82X	2.5	8	2.5	9.2	0.6	Open
SMF82X	2.5	8	2.5	9.2	0.6	2RS
F602X	2.5	8	2.8	9.5	0.7	2RS
F602XF	2.5	8	2.8			Open
F602X	2.5	8	4	9.5	0.9	ZZ
MF63	3	6	2	7.2	0.6	2RS
SMF63	3	6	2	7.2	0.6	Open
MF63	3	6	2.5	7.2	0.6	ZZ
F683A	3	7	2	8.1		Open

Model	d	D	B	D1	C1	Seal
F683	3	7	3			2RS
F683A	3	7	3	8.1		ZZ
MF83	3	8	2.5	9.2	0.6	2RS
F693	3	8	3	9.5	0.7	2RS
SMF83	3	8	3			ZZ
F693	3	8	4	9.5	0.9	ZZ
MF93	3	9	2.5	10.2	0.6	Open
SMF93	3	9	2.5	10.2	0.6	Open
F603	3	9	3	10.5	0.7	Open
MF93	3	9	4	10.6	0.8	ZZ
F603	3	9	5	10.5		ZZ
F623	3	10	4	11.5	1	Open • ZZ
F633	3	13	5	15		Open • ZZ
MF74	4	7	2	8.2	0.6	ZZ
MF74	4	7	2.5	8.2	0.6	ZZ
SMF74	4	7	2.5	8.2	0.6	2RS
MF84	4	8	2	9.2	0.6	Open
SMF84	4	8	2	9.2	0.6	Open
MF84	4	8	3	9.2	0.6	ZZ
FMR84	4	8	4			—
F684	4	9	2.5	10.3	0.6	2RS
F684	4	9	4	10.3	1	ZZ
MF104	4	10	3			Open
MF104B	4	10	3	11.2		Open
MF104B	4	10	4			ZZ
SMF104	4	10	4			ZZ
F694	4	11	4	12.5	1	ZZ
F604	4	12	4	13.5	1	ZZ • 2RS
F624	4	13	5	15	1	Open • ZZ
F634	4	16	5	18	1	ZZ • 2RS
MF85	5	8	2	9.2	0.6	2RS
SMF85	5	8	2	9.2	0.6	Open
MF85	5	8	2.5	9.2	0.6	ZZ
MF95	5	9	2.5	10.2	0.6	ZZ
MF95 / FMR95	5	9	3	10.2	0.6	ZZ
SMF95	5	9	3	10.2	0.6	ZZ
MF105	5	10	3	11.2	0.6	2RS
MF105	5	10	4	11.6	0.8	ZZ
SMF105	5	10	4	11.6	0.8	2RS
F685	5	11	3	12.5	0.8	2RS
MF115	5	11	4			ZZ
SMF115	5	11	4			ZZ
F685	5	11	5	12.5	1	ZZ
F695	5	13	4	15	1	ZZ • 2RS
F605	5	14	5	16	1	Open • ZZ • 2RS
F625	5	16	5	18	1	ZZ • 2RS

Model	d	D	B	D1	C1	Seal
F635	5	19	6	22	1.5	ZZ • 2RS
MF106	6	10	2.5	11.2	0.6	Open
MF106 / FMR106	6	10	3	11.2	0.6	ZZ
SMF106	6	10	3	11.2	0.6	ZZ
MF126	6	12	3	13.2	0.6	2RS
MF126 / FMR126	6	12	4	13.6	0.8	ZZ
SMF126	6	12	4	13.6	0.8	2RS
F686A	6	13	3.5	15		Open
F686	6	13	5			2RS
F686A	6	13	5	15		ZZ • 2RS
F696	6	15	5	17	1.2	ZZ • 2RS
F606	6	17	6	19	1.2	Open • ZZ • 2RS
F626	6	19	6	22	1.5	ZZ • 2RS
F636	6	22	7	25		ZZ
F636	6	22	7	25	1.5	ZZ • 2RS
MF117	7	11	2.5	12.2	0.6	2RS
MF117	7	11	3	12.2	0.6	ZZ
SMF117	7	11	3	12.2	0.6	ZZ
MF137	7	13	3	14.2	0.6	Open
SMF137	7	13	3	14.2	0.6	Open
MF137	7	13	4	14.6	0.8	ZZ
F687	7	14	3.5	16	1	ZZ
F687	7	14	5	16	1.1	ZZ • 2RS
F697	7	17	5	19	1.2	ZZ • 2RS
F607	7	19	6	22	1.5	ZZ • 2RS
F627	7	22	7	25	1.5	Open • ZZ • 2RS
MF128	8	12	2.5	13.2	0.6	2RS
SMF128	8	12	2.5	13.2	0.6	Open
MF128 / FMR128	8	12	3.5	13.6	0.8	ZZ
MF148	8	14	3.5	15.6	0.8	2RS
MF148	8	14	4	15.6	0.8	ZZ • 2RS
SMF148	8	14	4	15.6	0.8	2RS
F688	8	16	4			Open
F688A	8	16	4	18		Open
F688A	8	16	5	18		ZZ • 2RS
F698	8	19	6	22	1.5	Open • ZZ • 2RS
F608	8	22	7	25	1.5	ZZ • 2RS
F679	9	14	4.5			ZZ
F689	9	17	4	19	1	Open
F689	9	17	5	19	1.1	ZZ • 2RS
F699	9	20	6	23	1.5	Open • ZZ • 2RS
F609	9	24	7			ZZ
F6700	10	15	4			ZZ
F6800	10	19	5			ZZ
F63800	10	19	7			ZZ
F6900	10	22	6			ZZ

Model	d	D	B	D1	C1	Seal
F6000	10	26	8			ZZ
F6200	10	30	9			ZZ
F6701	12	18	4			Open
F6801	12	21	5			ZZ
F63801	12	21	7			Open
F6901	12	24	6			ZZ
F6001	12	28	8			ZZ
F6201	12	32	10			ZZ
F6702	15	21	4			ZZ
F6802	15	24	5			ZZ
F63802	15	24	7			Open
F6902	15	28	7			ZZ
F6002	15	32	9			ZZ
F6202	15	35	11			ZZ
F6703	17	23	4			Open
F6803	17	26	5			Open
F63803	17	26	7			ZZ
F6903	17	30	7			ZZ
F6003	17	35	10			ZZ
F6203	17	40	12			ZZ
F6704	20	27	4			ZZ
F6804	20	32	7			ZZ
F63804	20	32	10			ZZ
F6904	20	37	9			ZZ
F6004	20	42	12			ZZ
F6204	20	47	14			ZZ
F6705	25	32	4			Open
F6805	25	37	7			Open
F63805	25	37	10			Open
F6905	25	42	9			Open
F6005	25	47	12			ZZ
F6205	25	52	15			ZZ
F6706	30	37	4			Open • ZZ
F6806	30	42	7			Open
F63806	30	42	10			Open
F6906	30	47	9			Open
F6006	30	55	13			ZZ
F6807	35	47	7			Open
F6907	35	55	10			ZZ
F6808	40	52	7			Open
F6908	40	62	12			ZZ
F6809	45	58	7			Open
F6909	45	68	12			Open
F6810	50	65	7			Open
F6910	50	72	12			ZZ

Flanged bearings — inch (FR / FRW)

Model	d	D	B	D1	C1	Seal
FR09	1.016 0.04″	3.175 0.125″	1.191 0.0469″			Open
FRW0	1.191 0.04688″	3.969 0.15625″	1.587 0.0625″			Open
FR0	1.191 0.0469″	3.967 0.1562″	1.588 0.0625″	5.156 0.203″	0.33 0.013″	ZZ
FR0	1.191 0.0469″	3.967 0.1562″	2.38 0.0937″	5.156 0.203″	0.787 0.031″	ZZ
FR1	1.397 0.055″	4.762 0.1875″	1.984 0.0781″	5.944 0.234″	0.584 0.023″	ZZ
FR1	1.397 0.055″	4.762 0.1875″	2.779 0.1094″	5.944 0.234″	0.787 0.031″	ZZ
FRW1	1.411 0.05556″	4.762 0.1875″	2.779 0.1094″			ZZ
FR1-4	1.984 0.0781″	6.35 0.25″	2.38 0.0937″	7.518 0.296″	0.584 0.023″	2RS
FR1-4	1.984 0.0781″	6.35 0.25″	3.571 0.1406″	7.518 0.296″	0.787 0.031″	ZZ
FRW1-4	1.985 0.07813″	6.35 0.25″	3.571 0.1406″			ZZ
FR133	2.38 0.0937″	4.762 0.1875″	2.38 0.0937″	5.944 0.234″	0.787 0.031″	ZZ
FR1-5	2.38 0.0937″	7.938 0.3125″	3.571 0.1406″	9.119 0.359″	0.787 0.031″	ZZ
FRW133	2.381 0.09375″	4.762 0.1875″	2.38 0.0937″			ZZ
FRW1-5	2.381 0.09375″	7.938 0.3125″	2.779 0.1094″			Open
FR133	2.383 0.0938″	4.762 0.1875″	1.587 0.0625″	5.944 0.234″	0.457 0.018″	Open
FR1-5	2.383 0.0938″	7.938 0.3125″	2.779 0.1094″	9.119 0.359″	0.584 0.023″	Open
FR144	3.175 0.125″	6.35 0.25″	2.779 0.1094″	7.518 0.296″	0.787 0.031″	ZZ • 2RS
FRW144	3.175 0.125″	6.35 0.25″	2.779 0.1094″			ZZ
FR2-5	3.175 0.125″	7.938 0.3125″	3.571 0.1406″	9.119 0.359″	0.787 0.031″	ZZ
FRW2-5	3.175 0.125″	7.938 0.3125″	3.571 0.1406″			ZZ
FR2-5	3.175 0.125″	7.938 0.3125″	3.571 0.1406″	9.119 0.359″	0.787 0.031″	ZZ
FR2-6	3.175 0.125″	9.525 0.375″	2.779 0.1094″	10.719 0.422″	0.584 0.023″	Open
FRW2-6	3.175 0.125″	9.525 0.375″	3.571 0.1406″			ZZ
FR2	3.175 0.125″	9.525 0.375″	3.967 0.1562″	11.176 0.44″	0.762 0.03″	Open • ZZ
FRW2	3.175 0.125″	9.525 0.375″	3.967 0.1562″			Open
FR2-6	3.175 0.125″	9.525 0.375″	3.571 0.1406″	10.719 0.422″	0.787 0.031″	ZZ
FR155	3.967 0.1562″	7.938 0.3125″	3.175 0.125″	9.119 0.359″	0.914 0.036″	ZZ

Model	d	D	B	D1	C1	Seal
FRW155	3.969 0.15625″	7.938 0.3125″	3.175 0.125″			ZZ
FR155	3.97 0.1563″	7.938 0.3125″	3.175 0.125″	9.119 0.359″	0.914 0.036″	ZZ
FR156	4.762 0.1875″	7.938 0.3125″	3.175 0.125″	9.119 0.359″	0.914 0.036″	ZZ
FR166	4.762 0.1875″	9.525 0.375″	3.175 0.125″	10.719 0.422″	0.787 0.031″	ZZ
FR3	4.762 0.1875″	12.7 0.5″	4.978 0.196″	14.351 0.565″	1.067 0.042″	ZZ
FR156	4.762 0.1875″	7.938 0.3125″	3.175 0.125″	9.119 0.359″	0.914 0.036″	ZZ
FRW156	4.762 0.1875″	7.938 0.3125″	3.175 0.125″			ZZ
FR166	4.762 0.1875″	9.525 0.375″	3.175 0.125″	10.719 0.422″	0.584 0.023″	Open
FRW166	4.762 0.1875″	9.525 0.375″	3.175 0.125″			ZZ
FRW3	4.762 0.1875″	12.7 0.5″	3.967 0.1562″			Open
FR3	4.762 0.1875″	12.7 0.5″	4.978 0.196″			ZZ
FRW3 W19	4.762 0.1875″	12.7 0.5″	5.773 0.2273″			Open
FR168	6.35 0.25″	9.525 0.375″	3.175 0.125″			ZZ
FRW168	6.35 0.25″	9.525 0.375″	3.175 0.125″			Open
FR168B	6.35 0.25″	9.525 0.375″	3.175 0.125″			ZZ
FRW188	6.35 0.25″	12.7 0.5″	3.175 0.125″			Open
FR188	6.35 0.25″	12.7 0.5″	4.762 0.1875″	13.894 0.547″	1.143 0.045″	ZZ • 2RS
FR4B	6.35 0.25″	15.875 0.625″	4.978 0.196″			ZZ
FR4	6.35 0.25″	15.875 0.625″	4.978 0.196″			2RS
FRW4	6.35 0.25″	15.875 0.625″	4.978 0.196″			Open
FR1810	7.938 0.3125″	12.7 0.5″	3.967 0.1562″	13.894 0.547″	0.787 0.031″	ZZ
FRW1810	7.938 0.3125″	12.7 0.5″	3.967 0.1562″			ZZ
FR1810	7.938 0.3125″	12.7 0.5″	3.967 0.1562″	13.894 0.547″	0.787 0.031″	ZZ
FR6	9.525 0.375″	22.225 0.875″	5.558 0.2188″		1.575 0.062″	ZZ
FR6	9.525 0.375″	22.225 0.875″	7.142 0.2812″	24.613 0.969″	1.575 0.062″	ZZ
FR8	12.7 0.5″	28.575 1.125″	7.938 0.3125″			ZZ
FR10	15.875 0.625″	34.925 1.375″	8.733 0.3438″			ZZ

Dimensions are for selection reference. Tolerances, seals and supply are confirmed against your drawing or sample before quotation. Non-standard sizes, special seals and materials on request.
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