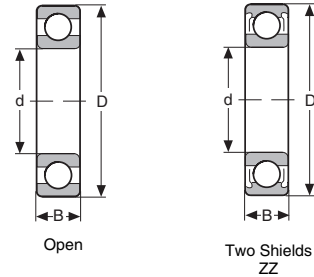




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DEEP GROOVE BALL BEARINGS - MINIATURE - INCH

MVB No.	Dimensions (Inch)			Approx. Wgt. (lbs.)	Interchange					
	d	D	B		ADR	NTN	NMB	RMB	FAG	ISC
R-09	.0400	.1250	.0469	.001	R09	R01	R1-2	UL1304X	R0308	R09
R-0	.0469	.1562	.0625	.001	X3/64	R0	R1-2 1/2	UL1505X	R0310	R0
R-1	.0550	.1875	.0781	.001	R1	R1	R1-3	R1706X	R0412	R1
R-1/4	.0781	.2500	.0937	.002	X5/64	R1-4	R1-4	R2508X	R0516	R14
R-133	.0937	.1875	.0625	.001	AX3/32	R133	R1-3332	UL3006X	R0612	R133
R-1/5	.0937	.3125	.1094	.002	X3/32	R1-5	R1-5	R3010X	R0620	R1-5
R-144	.1250	.2500	.0937	.001	AX 1/8	R144	R1-418	UL4008X	R0816	R144
R 2/5	.1250	.3125	.1094	.002	X1/8	R2-5	R1-51	R4010X	R0820	R2-5
R-2/6	.1250	.3750	.1094	.002	-	R2-6	R1-618	-	-	R2-6
R-2	.1250	.3750	.1562	.005	R2	R2	R2	R4012X	R0824	R2
R-2A	.1250	.5000	.1719	.005	-	R2A	R2A	-	R2A	R2A
R-155	.1562	.3125	.1094	.001	X5/32	R155	R1-5532	UL5010X	R1020	R155
R-156	.1875	.3125	.1094	.001	AX3/16	R156	R1-5632	UL6010X	R1220	R156
R-166	.1875	.3750	.1250	.002	X3/16	R166	R1-6632	UL6012X	R1224	R166
R-3	.1875	.5000	.1562	.007	Y3/16	R3	R3	R6016X	R3	R3
R-3A	.1875	.6250	.1960	.007	-	-	-	-	-	-
R-168	.2500	.3750	.1250	.002	X1/4	R168	R1-614	UL8012X	R1624	R168
R-188	.2500	.5000	.1250	.005	R188	R188	R1-814	UL8016X	R1632	R188
R-4	.2500	.6250	.1960	.007	Y1/4	R4	R4	R8020X	R4	R4
R-4A	.2500	.7500	.2187	.011	R4A	EE2	R1-1214	R8024	R4A	R4A
R-1810	.3125	.5000	.1562	.016	-	-	R1-8516	-	R2032	R1810
EI-1038	.3750	.6250	.1562	.020	-	-	-	-	STR-6	-
R-6	.3750	.8750	.2188	.030	Y3/8	R6	R1-1438	-	R6	-
EI-1212	.5000	.7500	.1562	.040	-	-	-	-	STR-8	-
R-8	.5000	1.1250	.2500	.050	-	-	-	-	R8	-
EI-1458	.6250	.8750	.1562	.060	-	-	-	-	STR-10	-
R-10	.6250	1.3750	.2812	.070	-	-	-	-	-	-
EI-1634	.7500	1.0000	.1562	.090	-	-	-	-	STR-12	-
R-12	.7500	1.6250	.3125	.110	-	-	-	-	-	-
EI-1878	.8750	1.1250	.1562	.120	-	-	-	-	STR-14	-

TWO SHIELDS

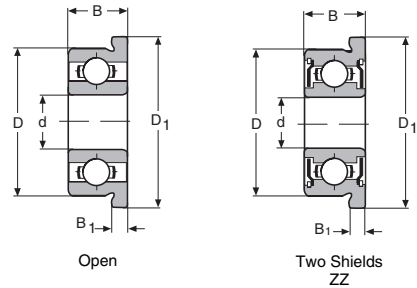
R-0-ZZ	.0469	.1562	.0937	.001	X3/64ZZ	RA0ZZA	R1-2 1/2ZZ	-	R0310.ZZ	R0ZZS
R-1-ZZ	.0550	.1875	.1094	.001	R1ZZ	RA1ZZA	R1-3ZZ	RF1706X	R0412.ZZ	R1ZZS
R-1/4-ZZ	.0781	.2500	.1406	.002	X5/64ZZ	RA1-4ZZA	RA1-4ZZ	RF2508X	R0516.ZZ	R14ZZS
R-133-ZZ	.0937	.1875	.0937	.001	AX3/32ZZ	RA133ZZA	R1-3332ZZ	ULZ3006X	R0612.ZZ	R133ZZS
R-1/5-ZZ	.0937	.3125	.1406	.002	X3/32ZZ	RA1-5ZZA	R1-5ZZ	RF3010X	R0620.ZZ	R15ZZS
R-144-ZZ	.1250	.2500	.1094	.001	AX1/8ZZ	RA144ZZA	R1-418ZZ	ULZ4008X	R0816.ZZ	R144ZZS
R-2/5-ZZ	.1250	.3125	.1406	.002	X1/8ZZ	RA2-5ZZA	R1-518ZZ	RF4010X	R0820.ZZ	R25ZZS
R-2/6-ZZ	.1250	.3750	.1406	.002	-	RA2-6ZZA	R1-618ZZ	RF4012X	R0824.ZZ	R26ZZS
R-2-ZZ	.1250	.3750	.1562	.002	R2ZZ	R2ZZA	R-2ZZ	-	-	R2ZZS
R-2A-ZZ	.1250	.5000	.1719	.002	-	RA2ZZ	R-2AZZ	-	-	R2AZZS
R-155-ZZ	.1562	.3125	.1250	.002	X5/32ZZ	RA155ZZA	R1-5532ZZ	ULZ5010X	R1020.ZZ	R155ZZS
R-156-ZZ	.1875	.3125	.1250	.001	AX3/16ZZ	RA156ZZA	R1-5632ZZ	ULZ6010X	R1220.ZZ	R156ZZS
R-166-ZZ	.1875	.3750	.1250	.002	X3/16ZZ	RA166ZZA	R1-6632ZZ	ULZ6012X	R1224.ZZ	R166ZZS
R-3-ZZ	.1875	.5000	.1960	.006	Y3/16ZZ	R3ZZA	R-3ZZ	RF6016X	-	R3ZZS
R-3A-ZZ	.1875	.6250	.1960	.007	-	RA3ZZ	-	-	-	-
R-168-ZZ	.2500	.3750	.1250	.001	X1/4ZZ	RA168ZZA	R1-614ZZ	ULZ8012X	R1624.ZZ	R168ZZS
R-188-ZZ	.2500	.5000	.1875	.006	R188ZZ	RA188ZZA	R1-814ZZ	ULZ8016X	R1632.ZZ	R188ZZS
R-4-ZZ	.2500	.6250	.1960	.010	Y1/4ZZ	R4ZZ	R-4ZZ	RF8020X	-	R4ZZS
R-4A-ZZ	.2500	.7500	.2812	.014	R4AZZ	RA4ZZ	R1-1214ZZ	-	-	R4AZZS
R-1810-ZZ	.3125	.5000	.1562	.020	-	-	R1-8516ZZ	-	R2032.ZZ	R1810ZZS
EI-1038-ZZ	.3750	.6250	.1562	.030	-	-	-	-	-	-
R-6-ZZ	.3750	.8750	.2812	.040	Y3/8ZZ	R6ZZ	R1-1438ZZ	-	-	-
EI-1212-ZZ	.5000	.7500	.1562	.050	-	-	-	-	-	-
R-8-ZZ	.5000	1.1250	.3125	.070	-	-	-	-	-	-
EI-1458-ZZ	.6250	.8750	.1562	.080	-	-	-	-	-	-
R-10-ZZ	.6250	1.3750	.3437	.090	-	-	-	-	-	-
EI-1634-ZZ	.7500	1.0000	.1562	.110	-	-	-	-	-	-
R-12-ZZ	.7500	1.6250	.4375	.160	-	-	-	-	-	-
EI-1878-ZZ	.8750	1.1250	.1562	.170	-	-	-	-	-	-

NOTE:

1.) This series is also available in stainless steel (440C type) - prefix "SS".



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DEEP GROOVE BALL BEARINGS - FLANGED - MINIATURE - INCH

MVB No.	Dimensions (Inch)					Approx. Wgt. (lbs.)	Interchange					
	d	D	B	D1	B1		ADR SKF	NTN	NMB	RMB	FAG	ISC
FR-0	.0469	.1562	.0625	.2172	.0130	.004	FX3/64	FLR0	R1F-2 1/2	ULK1505X	RF0310	FR0
FR-1	.0550	.1875	.0781	.2340	.0230	.006	FR1	FLR1	R1F-3	RK1706X	RF0412	FR1
FR-1/4	.0781	.2500	.0937	.2960	.0230	.008	FX5/64	FLR1-4	R1F-4	RK2508X	RF0516	FR1-4
FR-133	.0937	.1875	.0625	.2340	.0180	.010	FAX3/32	FLR133	R1F-3332	ULK3006X	RF0612	FR133
FR-1/5	.0937	.3125	.1094	.3590	.0230	.012	FX3/32	FLR1-5	R1F-5	RK3010X	RF0620	FR1-5
FR-144	.1250	.2500	.0937	.2960	.0230	.014	FAX1/8	FLR144	R1F-418	ULK4008X	RF0816	FR144
FR-2/5	.1250	.3125	.1094	.3590	.0230	.016	FX1/8	FLR2-5	R1F-518	RK4010X	RF0820	FR2-5
FR-2/6	.1250	.3750	.1094	.4220	.0230	.018	-	-	R1F-618	RK4012X	RF0824	FR2-6
FR-2	.1250	.3750	.1562	.4440	.0300	.020	FR2	FLR2	RF-2	-	-	FR2
FR-155	.1562	.3125	.1094	.3590	.0230	.020	FX5/32	FLR155	R1F-5532	ULK5010X	RF1020	FR155
FR-156	.1875	.3125	.1094	.3590	.0230	.020	FAX3/16	FLR156	R1F-5632	ULK6010X	RF1220	FR156
FR-166	.1875	.3750	.1250	.4220	.0230	.020	FX3/16	FLR166	R1F-6632	ULK6012X	RF1224	FR166
FR-3	.1875	.5000	.1562	.5650	.0420	.020	FY3/16	FLRA3	RF-3	RK6016X	-	FR3
FR-168	.2500	.3750	.1250	.4220	.0230	.020	FX1/4	FLR168	R1F-614	ULK8012X	RF1624	FR168
FR-188	.2500	.5000	.1875	.5470	.0230	.020	FR188	FLR188	R1F-814	ULK8016X	RF1632	FR188
FR-4	.2500	.6250	.1960	.6900	.0420	.020	FY1/4	FLR4	RF-4	-	-	FR4
FR-1810	.3125	.5000	.1562	.5470	.0310	.030	-	-	R1F-8516	-	RF2032	FR1810
FR-6	.3750	.8750	.2188	.9690	.0620	.040	FY3/8	FLR6	R1F-1438	-	-	-
FR-8	.5000	1.1250	.2500	1.2252	.0620	.060	-	-	-	-	-	-

TWO SHIELDS

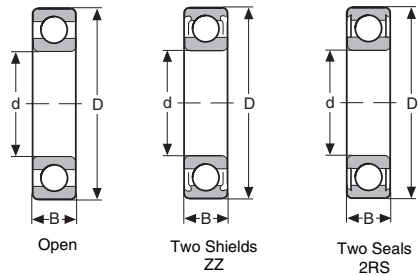
FR-0-ZZ	.0469	.1562	.0937	.2172	.0310	.004	FX3/64ZZ	FLRA0ZZA	R1F-2 1/2ZZ	-	RF0310.2Z	FR0ZZS
FR-1-ZZ	.0550	.1875	.1094	.2340	.0310	.006	FR1ZZ	FLRA1ZZA	R1F-3ZZ	RKF1706X	RF0412.2Z	FR1ZZS
FR-1/4-ZZ	.0781	.2500	.1406	.2960	.0310	.008	FX5/64ZZ	FLRA1-4ZZA	R1F-4ZZ	RKF2508X	RF0516.2Z	FR1-4ZZS
FR-133-ZZ	.0937	.1875	.0973	.2340	.0310	.010	FAX3/32ZZ	FLRA133ZZA	R1F3332ZZ	ULKZ3006X	RF0612.2Z	FR133ZZS
FR-1/5-ZZ	.0937	.3125	.1406	.3590	.0310	.012	FX3/32ZZ	FLRA1-5ZZA	R1F-5ZZ	RKF3010X	RF0620.2Z	FR1-5ZZS
FR-144-ZZ	.1250	.2500	.1094	.2960	.0310	.014	FAX1/8ZZ	FLRA144ZZA	R1F-418ZZ	ULKZ4008X	RF0816.2Z	FR144ZZS
FR-2/5-ZZ	.1250	.3125	.1406	.3590	.0310	.016	FX1/8ZZ	FLRA2-5ZZA	R1F-518ZZ	RKF4010X	RF0820.2Z	FR2-5ZZS
FR-2/6-ZZ	.1250	.3750	.1406	.4220	.0310	.018	-	-	R1F-618ZZ	RK4012X	RF0824.2Z	FR2-6ZZS
FR-2-ZZ	.1250	.3750	.1562	.4400	.0300	.020	FR2ZZ	FLR2ZZA	RF-2ZZ	-	-	FR2ZZS
FR-155-ZZ	.1562	.3125	.1250	.3590	.0360	.020	FX5/32ZZ	FLRA155ZZA	R1F-5532ZZ	ULKZ5010X	RF1020.2Z	FR155ZZS
FR-156-ZZ	.1875	.3125	.1250	.3590	.0360	.020	FAX3/16ZZ	FLRA156ZZA	R1F-5632ZZ	ULKZ6010X	RF1220.2Z	FR156ZZS
FR-166-ZZ	.1875	.3750	.1250	.4220	.0310	.020	FX3/16ZZ	FLR166ZZA	R1F-6632ZZ	ULKZ6012X	RF1224.2Z	FR166ZZS
FR-3-ZZ	.1875	.5000	.1960	.5650	.0420	.020	FY3/16ZZ	FLRA3ZZ	RF-3ZZ	RKF6016X	-	FR3ZZS
FR-168-ZZ	.2500	.3750	.1250	.4220	.0360	.020	FX1/4ZZ	FLRA168ZZA	R1F-614ZZ	ULKZ8012X	RF1624.2Z	FR168ZZS
FR-188-ZZ	.2500	.5000	.1875	.5470	.0450	.020	FR188ZZ	FLRA188ZZA	R1F-814ZZ	ULKZ8016X	RF1632.2Z	FR188ZZS
FR-4-ZZ	.2500	.6250	.1960	.6900	.0420	.020	FY1/4ZZ	FLR4ZZ	RF-4ZZ	-	-	FR4ZZS
FR-1810-ZZ	.3125	.5000	.1562	.5470	.0310	.030	-	-	R1F-8516ZZ	-	RF2032.2Z	FR1810ZZS
FR-6-ZZ	.3750	.8750	.2812	.9690	.0620	.040	-	-	R1F-1438ZZ	-	-	-
FR-8-ZZ	.5000	1.1250	.3125	1.2252	.0620	.060	-	-	-	-	-	-

NOTE:

1.) This series is also available in stainless steel (440C type) - prefix "SS".



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DEEP GROOVE BALL BEARINGS - INCH DIMENSIONS - STAINLESS STEEL (440C TYPE)

MVB No.	Dimensions (Inch)			Approx. Wgt. (lbs.)	Interchange		
	d	D	B		FAF	MRC	ND
SSR-2	.1250	.3750	.1562	.010	A33K3	R-2-ST	SSR-2
SSR-2A	.1250	.5000	.1719	.010	A33K4	R-2A-ST	SSR-2A
SSR-3	.1875	.5000	.1562	.010	A33K5	R-3-ST	SSR-3
SSR-4	.2500	.6250	.1968	.030	AS1K7	R-4-ST	SSR-4
SSR-4A	.2500	.7500	.2187	.030	AS1K	-	SSR-4A
SSR-6	.3750	.8750	.2187	.030	AS3K	R-6-ST	SSR-6
SSR-8	.5000	1.1250	.2500	.050	AS5K	R-8-ST	SSR-8
SSR-10	.6250	1.3750	.2812	.070	AS7K	R-10-ST	SSR-10
SSR-12	.7500	1.6250	.3125	.110	AS8K	R-12-ST	SSR-12
SSR-14	.8750	1.8750	.3750	.160	-	R-14-ST	SSR-14
SSR-16	1.0000	2.0000	.3750	.180	-	R-16-ST	SSR-16
* SSR-18	1.1250	2.1250	.3750	.200	-	-	-
* SSR-20	1.2500	2.2500	.3750	.220	-	-	-
* SSR-22	1.3750	2.5000	.4375	.340	-	-	-
* SSR-24	1.5000	2.6250	.4375	.380	-	-	-
TWO SHIELDS							
SSR-2-ZZ	.1250	.3750	.1562	.010	A33KDD3	R-2FF-ST	SS77R-2
SSR-2A-ZZ	.1250	.3750	.1719	.010	A33KDD4	R-2AFF-ST	SS77R-2A
SSR-3-ZZ	.1875	.5000	.1968	.030	A33KDD5	R-3FF-ST	SS77R-3
SSR-4-ZZ	.2500	.6250	.1968	.040	AS1KDD7	R-4FF-ST	SS77R-4
SSR-4A-ZZ	.2500	.7500	.2812	.040	AS1KDD	R-4AFF4-ST	SS77R-4A
SSR-6-ZZ	.3750	.8750	.2812	.040	AS3KDD	R-6FF-ST	SS77R-6
SSR-8-ZZ	.5000	1.1250	.3125	.070	AS5KDD	R-8FF-ST	SS77R-8
SSR-10-ZZ	.6250	1.3750	.3437	.090	AS7KDD	R-10FF-ST	SS77R-10
SSR-12-ZZ	.7500	1.6250	.4375	.160	AS8KDD	R-12FF-ST	SS77R-12
SSR-14-ZZ	.8750	1.8750	.5000	.220	-	R-14FF-ST	SS77R-14
SSR-16-ZZ	1.0000	2.0000	.5000	.240	-	R-16FF-ST	SS77R-16
* SSR-18-ZZ	1.1250	2.1250	.5000	.270	-	-	-
* SSR-20-ZZ	1.2500	2.2500	.5000	.300	-	-	-
* SSR-22-ZZ	1.3750	2.5000	.5625	.460	-	-	-
* SSR-24-ZZ	1.5000	2.6250	.5625	.510	-	-	-
TWO SEALS							
SSR-2-2RS	.1250	.3750	.1562	.010	A33PP3	R-2ZZ-ST	SSZ99R-2
SSR-2A-2RS	.1250	.5000	.1719	.010	-	R-2AZZ-ST	SSZ99R-2A
SSR-3-2RS	.1875	.5000	.1968	.030	A33PP5	R-3ZZ-ST	SSZ99R-3
SSR-4-2RS	.2500	.6250	.1968	.040	AS1PP7	R-4ZZ-ST	SSZ99R-4
SSR-4A-2RS	.2500	.7500	.2812	.040	AS1PP	-	SSZ99R-4A
SSR-6-2RS	.3750	.8750	.2812	.040	AS3PP	R-6ZZ-ST	SSZ99R-6
SSR-8-2RS	.5000	1.1250	.3125	.070	AS5PP	R-8ZZ-ST	SSZ99R-8
SSR-10-2RS	.6250	1.3750	.3437	.090	AS7PP	R-10ZZ-ST	SSZ99R-10
SSR-12-2RS	.7500	1.6250	.4375	.160	AS8PP	R-12ZZ-ST	SSZ99R-12
SSR-14-2RS	.8750	1.8750	.5000	.220	-	-	SSZ99R-14
SSR-16-2RS	1.0000	2.0000	.5000	.240	-	R-16ZZ-ST	SSZ99R-16
* SSR-18-2RS	1.1250	2.1250	.5000	.270	-	-	-
* SSR-20-2RS	1.2500	2.2500	.5000	.300	-	-	-
* SSR-22-2RS	1.3750	2.5000	.5625	.460	-	-	-
* SSR-24-2RS	1.5000	2.6250	.5625	.510	-	-	-

* Not normally stocked. Consult factory for availability.

NOTE:

- Outer races, inner races and balls are manufactured from 440C or equivalent stainless steel. They are through hardened to a hardness of 55-57 RC.
- The cages are manufactured from 304 or equivalent stainless steel.
- Shields are manufactured from 304 or equivalent stainless steel.
- Seals have a metal core covered with synthetic rubber.

轴承 轴承 Rodamientos Rodamentos Rulman Kugellager Cuscinetti Подшипники Підшипник Łożyska Łożysko Ležajki Laakeri Laager Laer Csapágy 轴 轴 2019