



STAINLESS STEEL IMPERIAL DIMENSION RADIAL BALL BEARINGS

Part Number	Design	Alternative Part Number	Bore Size (mm)	Bore Size (inch)	OD (mm)	OD (inch)	Width (mm)	Width (inch)	Basic Load Ratings		Limiting Speeds	
									Dynamic C _r	Static C _{or}	Grease	Oil
SSR2-ZZ	Shielded	SS-KLNJ1/8-ZZ	3.175	1/8"	9.525	3/8"	3.96875	5/32"	530	190	40000	
SSR3	Open	SS-KLNJ3/16	4.7625	3/16"	12.7	1/2"	3.96875	5/32"	1080	400	38000	45000
SSR3-2RS	Sealed	SS-KLNJ3/16-2RS	4.7625	3/16"	12.7	1/2"	4.9784	0.196"	1080	400	24000	
SSR3-ZZ	Shielded	SS-KLNJ3/16-ZZ	4.7625	3/16"	12.7	1/2"	4.9784	0.196"	1080	400	36000	
SSR4A-ZZ	Shielded	SS-KLNJ1/4-ZZ	6.35	1/4"	19.05	3/4"	7.14375	9/32"	1230	500	32000	
SSR6	Open	SS-KLNJ3/8	9.525	3/8"	22.225	7/8"	5.55625	7/32"	2760	1200	29000	36000
SSR6-2RS	Sealed	SS-KLNJ3/8-2RS	9.525	3/8"	22.225	7/8"	7.14375	9/32"	2760	1200	20000	
SSR6-ZZ	Shielded	SS-KLNJ3/8-ZZ	9.525	3/8"	22.225	7/8"	7.14375	9/32"	2760	1200	29000	
SSR8	Open	SS-KLNJ1/2	12.7	1/2"	28.575	1.1/8"	6.35	1/4"	4200	2000	26000	32000
SSR8-2RS	Sealed	SS-KLNJ1/2-2RS	12.7	1/2"	28.575	1.1/8"	7.9375	5/16"	4200	2000	17000	
SSR8-ZZ	Shielded	SS-KLNJ1/2-ZZ	12.7	1/2"	28.575	1.1/8"	7.9375	5/16"	4200	2000	26000	
SS-RLS4	Open	SS-LJ1/2	12.7	1/2"	33.3375	1.5/16"	9.525	3/8"	5500	2600	21000	28500
SS-RLS4-2RS	Sealed	SS-LJ1/2-2RS	12.7	1/2"	33.3375	1.5/16"	9.525	3/8"	5500	2600	14700	
SS-RLS4-ZZ	Shielded	SS-LJ1/2-ZZ	12.7	1/2"	33.3375	1.5/16"	9.525	3/8"	5500	2600	21000	



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									Dynamic C _r	Static C _{or}	Grease	Oil
SSR10	Open	SS-KLNJ5/8	15.875	5/8"	34.9525	1.3/8"	7.14375	9/32"	4600	2700	22000	28000
SSR10-2RS	Sealed	SS-KLNJ5/8-2RS	15.875	5/8"	34.9525	1.3/8"	8.73125	11/32"	4600	2700	13000	
SSR10-ZZ	Shielded	SS-KLNJ5/8-ZZ	15.875	5/8"	34.9525	1.3/8"	8.73125	11/32"	4600	2700	22000	
SS-RLS5	Open	SS-LJ5/8	15.875	5/8"	39.6875	1.9/16"	11.1125	7/16"	8700	4000	18000	24000
SS-RLS5-2RS	Sealed	SS-LJ5/8-2RS	15.875	5/8"	39.6875	1.9/16"	11.1125	7/16"	8700	4000	12500	
SS-RLS5-ZZ	Shielded	SS-LJ5/8-ZZ	15.875	5/8"	39.6875	1.9/16"	11.1125	7/16"	8700	4000	18000	
SSR12	Open	SS-KLNJ3/4	19.05	3/4"	41.275	1.5/8"	7.9375	5/16"	6500	3600	17000	22500
SSR12-2RS	Sealed	SS-KLNJ3/4-2RS	19.05	3/4"	41.275	1.5/8"	11.1125	7/16"	6500	3600	11900	
SSR12-ZZ	Shielded	SS-KLNJ3/4-ZZ	19.05	3/4"	41.275	1.5/8"	11.1125	7/16"	6500	3600	17000	
SS-RLS6	Open	SS-LJ3/4	19.05	3/4"	47.625	1.7/8"	19.05	9/16"	11300	5400	15500	21000
SS-RLS6-2RS	Sealed	SS-LJ3/4-2RS	19.05	3/4"	47.625	1.7/8"	19.05	9/16"	11300	5400	10800	
SS-RLS6-ZZ	Shielded	SS-LJ3/4-ZZ	19.05	3/4"	47.625	1.7/8"	19.05	9/16"	11300	5400	15500	
SSR14	Open	SS-KLNJ7/8	22.225	7/8"	47.625	1.7/8"	9.525	3/8"	9600	5200	14800	20000
SS-RLS7	Open	SS-LJ7/8	22.225	7/8"	50.8	2"	14.2875	9/16"	11500	5600	14300	19500



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									Dynamic C _r	Static C _{or}	Grease	Oil
SS-RLS7-2RS	Sealed	SS-LJ7/8-2RS	22.225	7/8"	50.8	2"	14.2875	9/16"	11500	5600	10000	
SS-RLS7-ZZ	Shielded	SS-LJ7/8-ZZ	22.225	7/8"	50.8	2"	14.2875	9/16"	11500	5600	14300	
SSR16	Open	SS-KLNJ1	25.4	1"	50.8	2"	9.525	3/8"	9400	5800	13600	18500
SSR16-2RS	Sealed	SS-KLNJ1-2RS	25.4	1"	50.8	2"	12.7	1/2"	9400	5800	9500	
SSR16-ZZ	Shielded	SS-KLNJ1-ZZ	25.4	1"	50.8	2"	12.7	1/2"	9400	5800	13600	
SS-RLS8	Open	SS-LJ1/2	25.4	1"	57.15	2.1/4"	15.875	5/8"	14800	7800	12700	17000
SS-RLS8-2RS	Sealed	SS-LJ1/2-2RS	25.4	1"	57.15	2.1/4"	15.875	5/8"	14800	7800	8900	
SS-RLS8-ZZ	Shielded	SS-LJ1/2-ZZ	25.4	1"	57.15	2.1/4"	15.875	5/8"	14800	7800	12700	
SS-RLS9	Open	SS-LJ1.1/8	28.575	1.1/8"	63.5	2.1/2"	15.875	5/8"	16100	9100	11700	15500
SS-RLS9-2RS	Sealed	SS-LJ1.1/8-2RS	28.575	1.1/8"	63.5	2.1/2"	15.875	5/8"	16100	9100	8200	
SS-RLS9-ZZ	Shielded	SS-LJ1.1/8-ZZ	28.575	1.1/8"	63.5	2.1/2"	15.875	5/8"	16100	9100	11700	
SS-RLS10	Open	SS-LJ1.1/4	31.75	1.1/4"	69.85	2.3/4"	17.4625	11/16"	22100	12000	10600	14400
SS-RLS10-2RS	Sealed	SS-LJ1.1/4-2RS	31.75	1.1/4"	69.85	2.3/4"	17.4625	11/16"	22100	12000	7400	
SS-RLS10-ZZ	Shielded	SS-LJ1.1/4-ZZ	31.75	1.1/4"	69.85	2.3/4"	17.4625	11/16"	22100	12000	10600	