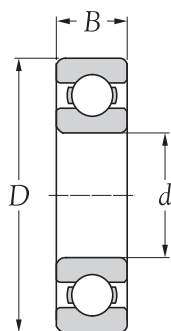
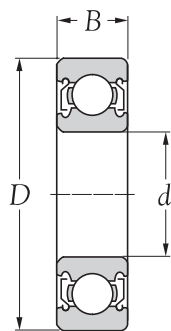


Ball Bearings (Inch sizes)

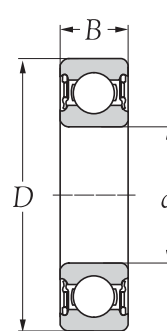
series **RLS.., RLS..ZZ, RLS..2RS**



Open



Shielded type
(ZZ)



Sealed type
(2RS)

Boundary dimensions			Basic load ratings		Limiting speeds		Bearing numbers			Mass
<i>d</i>	<i>D</i>	<i>B</i>	dynamic <i>C_r</i>	static <i>C_{0r}</i>	grease rpm	oil rpm				kg (approx.)
12.700	33.338	9.525	4360	2510	21000	24000	RLS - 4	RLS - 4 ZZ	RLS - 4 2RS	0.038
15.875	39.688	11.113	8620	4510	17000	20000	RLS - 5	RLS - 5 ZZ	RLS - 5 2RS	0.067
19.050	47.625	14.288	9080	6200	14000	16000	RLS - 6	RLS - 6 ZZ	RLS - 6 2RS	0.120
22.225	50.800	14.288	8720	5190	13100	15100	RLS - 7	RLS - 7 ZZ	RLS - 7 2RS	0.142
25.400	57.180	15.875	10780	6980	11500	13500	RLS - 8	RLS - 8 ZZ	RLS - 8 2RS	0.190
28.575	63.500	15.875	12800	8400	10500	12000	RLS - 9	RLS - 9 ZZ	RLS - 9 2RS	0.185
31.750	69.850	17.436	20770	15190	9500	11000	RLS-10	RLS-10 ZZ	RLS-10 2RS	0.285
34.925	76.200	17.436	19750	15300	8600	10000	RLS-11	RLS-11 ZZ	RLS-11 2RS	0.362
38.100	82.550	19.050	22710	18140	8000	9200	RLS-12	RLS-12 ZZ	RLS-12 2RS	0.402
41.275	88.900	19.050	24360	20680	7400	8500	RLS-13	RLS-13 ZZ	RLS-13 2RS	0.580
44.450	95.250	20.640	26980	23180	6900	7900	RLS-14	RLS-14 ZZ	RLS-14 2RS	0.640
47.635	101.600	20.640	43350	29400	6400	7400	RLS-15	RLS-15 ZZ	RLS-15 2RS	0.750
50.800	101.600	20.640	33370	29220	6300	7200	RLS-16	RLS-16 ZZ	RLS-16 2RS	0.653
57.150	114.300	22.230	36740	32930	5600	6400	RLS-18	RLS-18 ZZ	RLS-18 2RS	1.100
63.500	127.000	23.810	46830	45440	5050	5800	RLS-20	RLS-20 ZZ	RLS-20 2RS	1.600
69.850	133.400	23.810	46830	45440	4700	5400	RLS-22	RLS-22 ZZ	RLS-22 2RS	1.800