



Deep Groove Ball Bearings

680 & 690 Series

Part No.		d (mm)	D (mm)	B (mm)	Dynamic load (lbs)	Static Co (lbs)	N.W. (Kkg)
683-ZZ	683-2RS	3	7	3	35	13	*
684-ZZ	684-2RS	4	9	4	81	37	0.00045
685-ZZ	685-2RS	5	11	5	123	57	0.00136
686-ZZ	686-2RS	6	13	5	187	90	0.00181
687-ZZ	687-2RS	7	14	5	202	103	0.00181
688-ZZ	688-2RS	8	16	5	235	120	0.00318
689-ZZ	689-2RS	9	17	5	229	128	0.00590
693-ZZ	693-2RS	3	8	4	64	24	*
694-ZZ	694-2RS	4	11	4	123	57	0.00181
695-ZZ	695-2RS	5	13	4	187	90	0.00227
696-ZZ	696-2RS	6	15	5	231	110	0.00408
697-ZZ	697-2RS	7	17	5	235	120	0.11510
698-ZZ	698-2RS	8	19	6	285	145	0.00667
699-ZZ	699-2RS	9	20	6	310	160	0.00739

* Weight less than 0.00045 kg

1600 Series - Imperial

Part No.	d		D		B		Dynamic load (lbs)	Static Co (lbs)	N.W. (Kkg)
	mm	inch	mm	inch	mm	inch			
1601-2RS	4.762	3/16	17.462	11/16	7.938	5/16	442.9	164.1	0.0070
1602-2RS	6.35	1/4	17.462	11/16	7.938	5/16	442.9	164.1	0.0065
1603-2RS	7.938	5/16	22.225	7/8	8.731	11/32	739.6	305.74	0.0120
1604-2RS	9.525	3/8	22.225	7/8	8.731	11/32	748.6	305.74	0.0105
1605-2RS	7.938	5/16	23.019	29/32	7.938	5/16	748.6	305.74	0.0160
1606-2RS	9.525	3/8	23.019	29/32	7.938	5/16	748.6	305.74	0.0150
1607-2RS	11.112	7/16	23.019	29/32	7.938	5/16	604.7	285.5	0.0150
1614-2RS	9.525	3/8	28.575	1 1/8	9.525	3/8	1148.8	537.3	0.0300
1615-2RS	11.112	7/16	28.575	1 1/8	9.525	3/8	1148.8	537.3	0.0280
1616-2RS	12.7	1/2	28.575	1 1/8	9.525	3/8	1148.8	537.3	0.0260
1620-2RS	11.112	7/16	34.925	1 3/8	11.112	7/16	1674.8	831.8	0.0500
1621-2RS	12.7	1/2	34.925	1 3/8	11.112	7/16	1674.8	831.8	0.0480
1622-2RS	14.288	9/16	34.925	1 3/8	11.112	7/16	1674.8	831.8	0.0460
1623-2RS	15.875	5/8	34.925	1 3/8	11.112	7/16	1674.8	831.8	0.0410
1628-2RS	15.875	5/8	41.275	1 5/8	12.7	1/2	2111	1128.5	0.0720
1630-2RS	19.05	3/4	41.275	1 5/8	12.7	1/2	2111	1128.5	0.0690
1633-2RS	15.875	5/8	44.45	1 3/4	12.7	1/2	2111	1128.5	0.0920
1635-2RS	19.05	5/8	44.45	1 3/4	12.7	1/2	2111	1128.5	0.09
1638-2RS	19.05	3/4	50.8	2	14.288	9/16	2261.6	1317.4	0.1450
1640-2RS	22.225	7/8	50.8	2	14.288	9/16	2261.6	1317.4	0.1330
1641-2RS	25.4	1	50.8	2	14.288	9/16	2261.6	1317.4	0.1210
1652-2RS	28.575	1 1/8	63.5	2 1/2	15.875	5/8	2261.6	2542.6	0.2110