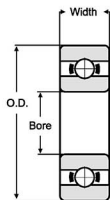


Imperial Miniature Ball Bearing Series

Chrome steel miniature bearings for radial loads and moderate thrust loads in both directions.



CHROME STEEL AISI52100 / GCr15

Dimensions in inches unless otherwise specified

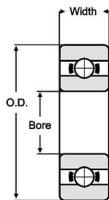
Bore	O.D.	Open Bearing		Shielded & Sealed Bearing			Max Load (kgf)		Rpm ** (x1000)
		Width	CLI Bearing No.	Width	CLI Shielded Bearing No.	CLI Sealed Bearing No. *	Dyn	Stat	
0.0937	0.1875	0.0625	R133	0.0937	R133ZZ		19	6	95
0.1250	0.2500	0.0937	R144	0.1094	R144ZZ		28	10	80
	0.3125	0.1094	R2-5	0.1406	R2-5ZZ		56	18	67
	0.3750	0.1094	R2-6	0.1406	R2-6ZZ		64	23	63
	0.3750	0.1562	R2	0.1562	R2ZZ	R2-2RS	63	22	67
	0.5000	0.1719	R2A	0.1719	R2AZZ	R2A-2RS	64	28	63
0.1562	0.3125	0.1094	R155	0.1250	R155ZZ		36	15	63
0.1875	0.3125	0.1094	R156	0.1250	R156ZZ		36	15	63
	0.3750	0.1250	R166	0.1250	R166ZZ	R166-2RS	71	27	60
	0.5000	0.1562	R3	0.1960	R3ZZ	R3-2RS	130	49	53
	0.6250	0.1960	R3A	0.1960	R3AZZ	R3A-2RS	148	62	45
	0.6875	0.2500	1601	0.2500	1601ZZ		153	64	43
	0.6875			0.3125		1601-2RS	153	64	26
0.2500	0.3750	0.1250	R168	0.1250	R168ZZ	R168-2RS	37	17	56
	0.5000	0.1250	R188	0.1875	R188ZZ	R188-2RS	108	44	50
	0.6250	0.1960	R4	0.1960	R4ZZ	R4-2RS	148	62	45
	0.6875	0.2500	1602	0.2500	1602ZZ		171	78	42
	0.6875			0.3125		1602-2RS	171	78	25
	0.7500	0.2188	R4A	0.2812	R4AZZ	R4A-2RS	234	90	43
0.3125	0.5000	0.1562	R1810	0.1562	R1810ZZ	R1810-2RS	54	28	48
	0.8750	0.2812	1603	0.2812	1603ZZ		317	135	37
	0.8750			0.3438		1603-2RS	317	135	22
	0.9062	0.3125	1605	0.3125	1605ZZ	1605-2RS	317	135	37

* Some types may be available with non-contact seals or PTFE seals. The color of bearing rubber seals may vary.

** Reduce RPM for 2RS types

Imperial Miniature Ball Bearing Series

Chrome steel miniature bearings for radial loads and moderate thrust loads in both directions.



CHROME STEEL AISI52100 / GCr15

Dimensions in inches unless otherwise specified

Bore	O.D.	Open Bearing		Shielded & Sealed Bearing			Max Load (kgf)		Rpm ** (x1000)
		Width	CLI Bearing No.	Width	CLI Shielded Bearing No.	CLI Sealed Bearing No. *	Dyn	Stat	
0.3750	0.6250	0.1562	R1038	0.1562	R1038ZZ	R1038-2RS	85	42	33
	0.8750			0.2188		R6-2RSW21	333	142	23
	0.8750	0.2188	R6	0.2812	R6ZZ	R6-2RS	333	142	38
	0.8750	0.2812	1604	0.2812	1604ZZ		322	139	36
	0.8750			0.3438		1604-2RS	322	139	22
	0.9062	0.3125	1606	0.3125	1606ZZ	1606-2RS	322	139	36
	1.1250	0.3750	1614	0.3750	1614ZZ	1614-2RS	468	219	32
0.4375	0.9062	0.3125	1607	0.3125	1607ZZ	1607-2RS	244	122	34
	1.1250	0.3750	1615	0.3750	1615ZZ	1615-2RS	468	219	32
	1.3750	0.4375	1620	0.4375	1620ZZ	1620-2RS	742	316	24
0.5000	0.7500	0.1562	R1212	0.1562	R1212ZZ	R1212-2RS	78	45	27
	1.1250	0.2500	R8	0.3125	R8ZZ	R8-2RS	511	241	32
	1.1250	0.3750	1616	0.3750	1616ZZ	1616-2RS	498	231	30
	1.3750	0.4375	1621	0.4375	1621ZZ	1621-2RS	718	346	24
0.5625	1.3750	0.4375	1622	0.4375	1622ZZ	1622-2RS	718	346	24
0.6250	1.3750	0.2812	R10	0.3438	R10ZZ	R10-2RS	599	329	25
	1.3750	0.4375	1623	0.4375	1623ZZ	1623-2RS	588	312	22
	1.6250	0.5000	1628	0.5000	1628ZZ	1628-2RS	886	412	18
0.7500	1.6250	0.3125	R12	0.4375	R12ZZ	R12-2RS	938	506	21
	1.6250	0.5000	1630	0.5000	1630ZZ	1630-2RS	780	428	20
0.8750	1.8750	0.3750	R14	0.5000	R14ZZ	R14-2RS	1080	576	18
1.0000	2.0000	0.3750	R16	0.5000	R16ZZ	R16-2RS	1150	700	16

* Some types may be available with non-contact seals or PTFE seals. The color of bearing rubber seals may vary.

** Reduce RPM for 2RS types