



XLJ Series

Imperial Radial Ball Bearings Thin Section - Open Design



Part Number	Alternative Part Number	Bore Size Inches	Bore mm	Outer Diameter Inches	Bore mm	Width Inches	Width mm	Basic Dynamic Load Rating C _r	Basic Static Load Rating C _{or}	Limiting Speed Grease (min ⁻¹)	Limiting Speed Grease (min ⁻¹)	Weight (kg)
XLJ1.1/2	XLS1.1/2	1.5000	38.1000	2.5625	65.0875	0.5625	14.2875	13900	9300	10000	13700	0.202
XLJ1.5/8	XLS1.5/8	1.6250	41.2750	2.6875	68.2625	0.5625	14.2875	14400	10200	4600	9100	0.276
XLJ1.3/4	XLS1.3/4	1.7500	44.4500	3.0000	76.2000	0.5625	14.2875	21600	15000	8800	12100	0.238
XLJ1.7/8	XLS1.7/8	1.8750	47.6250	3.1875	80.9625	0.6250	15.8750	22200	16000	8200	10900	0.297
XLJ2	XLS2	2.0000	50.8000	3.3125	84.1375	0.6250	15.8750	22600	15900	8200	11100	0.317
XLJ2.1/4	XLS2.1/4	2.2500	57.1500	3.5625	90.4875	0.6250	15.8750	29200	20700	7500	9900	0.338
XLJ2.1/2	XLS2.1/2	2.5000	63.5000	3.8750	98.4250	0.6875	17.4625	31000	25000	6600	8800	0.421
XLJ2.3/4	XLS2.3/4	2.7500	69.8500	4.1250	104.7750	0.6875	17.4625	23900	21100	3000	6200	0.535
XLJ3	XLS3	3.0000	76.2000	4.5000	114.3000	0.7500	19.0500	40700	32900	5700	7600	0.753
XLJ3.1/4	XLS3.1/4	3.2500	82.5500	4.7500	120.6500	0.7500	19.0500	29700	27600	2700	5200	0.807
XLJ3.1/2	XLS3.1/2	3.5000	88.9000	5.0000	127.0000	0.7500	19.0500	32900	31100	4800	6700	0.785
XLJ3.3/4	XLS3.3/4	3.7500	95.2500	5.2500	133.3500	0.7500	19.0500	40200	37400	4500	6200	0.844
XLJ4	XLS4	4.0000	101.6000	5.6250	142.8750	0.8750	22.2250	40000	39200	2100	4400	1.15
XLJ4.1/4	XLS4.1/4	4.2500	107.9500	6.0000	152.4000	0.8750	22.2250	46700	47700	4000	5400	1.13
XLJ4.1/2	XLS4.1/2	4.5000	114.3000	6.2500	158.7500	0.8750	22.2250	55200	58100	3900	5200	1.14
XLJ4.3/4	XLS4.3/4	4.7500	120.6500	6.5000	165.1000	0.8750	22.2250	54800	55600	3600	4800	1.21
XLJ5	XLS5	5.0000	127.0000	7.0000	177.8000	1.0000	25.4000	66400	65900	3400	4500	1.68
XLJ6	XLS6	6.0000	152.4000	8.0000	203.2000	1.0000	25.4000	54100	98000	1300	2700	2.37
XLJ6.1/2	XLS6.1/2	6.5000	165.1000	8.7500	222.2500	1.1250	28.5750	65500	69900	1300	2600	3.13