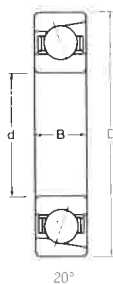


Single row angular contact ball bearings

d 2½-15 inch



Primary dimensions			Basic bearing	Basic load ratings		Limiting speeds		Mass
d	D	B		dynamic C _r	static C _{0r}	grease	oil	
inches				N		rev/min	kg	
2 1/2	5	1 1/8	LJT 2½ MJT 2½	81,000	63,300	2,900	5,700	1.43
	5 1/2	1 1/4		114,000	83,500	2,700	5,400	2.44
2 3/4	5 1/2	1 1/8	LJT 2¾ MJT 2¾	84,500	68,200	2,700	5,400	1.54
	6 1/2	1 3/8		145,000	109,000	2,400	4,700	3.55
3	5 1/2	1 1/16	LJT 3 MJT 3	94,500	80,400	2,400	4,900	2.11
	7	1 9/16		171,000	131,000	2,100	4,200	5.17
3 1/4	6	1 1/16	LJT 3¼ MJT 3¼	106,000	88,400	2,300	4,600	2.24
	7 1/2	1 9/16		180,000	152,000	1,900	3,800	5.94
3 3/8	7 1/2	1 1/16	MJT 3 3/8	180,000	152,000	1,900	3,800	5.81
	8 1/2	1 1/4		114,000	102,000	2,100	4,200	2.78
3 1/2	8 1/2	1 1/4	LJT 3½ MJT 3½	198,000	172,000	1,800	3,500	7.80
	9 1/2	1 3/4		122,000	110,000	2,000	4,000	2.91
3 3/4	8 1/2	1 1/2	LJT 3¾ MJT 3¾	208,000	187,000	1,700	3,400	7.76
	9 1/2	1 3/4		140,000	128,000	1,800	3,700	3.58
4	7 1/2	1 1/2	LJT 4 MJT 4	218,000	204,000	1,600	3,200	8.12
	8 1/2	1 3/4		149,000	137,000	1,700	3,500	3.78
4 1/4	7 1/2	1 1/2	LJT 4¼ MJT 4¼	218,000	204,000	1,500	3,100	8.57
	8 1/2	1 3/4		163,000	156,000	1,600	3,200	4.76
4 1/2	8	1 5/8	LJT 4½ MJT 4½	233,000	227,000	1,400	2,900	11.4
	9 1/8	2		168,000	166,000	1,500	3,100	4.85
4 3/4	8 1/2	1 5/8	LJT 4¾ MJT 4¾	271,000	271,000	1,300	2,600	13.1
	10	2		188,000	188,000	1,400	2,800	6.35
5	10	2	LJT 5 MJT 5	271,000	271,000	1,300	2,600	12.8
	11	2 1/8		205,000	213,000	1,300	2,600	6.80
5 1/2	11	2	LJT 5½ MJT 5½	298,000	322,000	1,200	2,300	15.7
	12	2 1/4		228,000	253,000	1,200	2,300	9.89
6	10 1/2	1 7/8	LJT 6 MJT 6	332,000	376,000	1,000	2,100	20.9
	12	2 1/4		233,000	268,000	1,100	2,200	10.7
6 1/2	11	1 7/8	LJT 6½ MJT 6½	367,000	429,000	950	1,900	28.1
	13	2 1/2						

Primary dimensions			Basic bearing	Basic load ratings		Limiting speeds		Mass
d	D	B		dynamic C _r	static C _{0r}	grease	oil	
inches				N		rev/min	kg	
7	12	1 1/2	LJT 7 MJT 7	262,000	315,000	950	1,900	14.5
	13 1/2	2 1/2		384,000	468,000	900	1,800	28.5
7 1/2	12 1/2	1 1/2	LJT 7½ MJT 7½	277,000	348,000	900	1,800	15.0
	14 1/2	2 1/4		420,000	534,000	800	1,600	36.9
8	13	1 3/4	LJT 8 MJT 8	282,000	365,000	850	1,700	15.9
	15	2 1/4		435,000	578,000	750	1,500	37.6
8 1/2	14	2	LJT 8½ MJT 8½	323,000	441,000	800	1,600	21.5
	16	3		476,000	677,000	700	1,400	48.5
9	14 1/2	2	LJT 9 MJT 9	338,000	455,000	750	1,500	22.7
	17	3		567,000	674,000	650	1,300	54.4
9 1/2	15 1/2	2	LJT 9½	342,000	484,000	700	1,400	24.5
10	15 1/2	2	LJT 10 MJT 10	376,000	546,000	650	1,300	26.5
	18 1/2	3 1/4		552,000	926,000	550	1,100	68.9
10 1/2	16 1/8	2 1/4	LJT 10½	372,000	577,000	600	1,200	33.3
11	17 1/2	2 1/4	LJT 11 MJT 11	403,000	648,000	550	1,100	37.0
	20	3 1/2		594,000	919,000	500	1,000	85.3
11 1/2	18	2 3/8	LJT 11½	400,000	626,000	550	1,100	40.1
12	18 1/2	2 3/8	LJT 12 MJT 12	460,000	736,000	500	1,000	44.5
	21 1/2	3 1/2		679,000	1,060,000	440	900	104
13	20	2 3/4	LJT 13	498,000	1,060,000	450	900	54.4
14	21 1/2	2 3/8	LJT 14	525,000	929,000	410	800	65.8
15	22 1/2	3	LJT 15	586,000	1,110,000	380	750	71.7