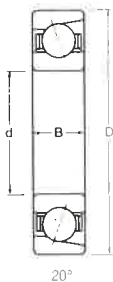


# Single row angular contact ball bearings

d 2½-15 inch



Primary dimensions			Basic bearing	Basic load ratings		Limiting speeds		Mass
d	D	B		dynamic C <sub>r</sub>	static C <sub>0r</sub>	grease	oil	
inches				N		rev/min	kg	
<b>2 1/2</b>	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
<b>2 3/4</b>	5 1/2	1 1/8	LJT 2 3/4 MJT 2 3/4	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
<b>3</b>	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
<b>3 1/4</b>	6	1 1/16	LJT 3 1/4 MJT 3 1/4	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
<b>3 3/8</b>	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
<b>3 1/2</b>	8 1/2	1 1/4	LJT 3 1/2 MJT 3 1/2	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
<b>3 3/4</b>	8 1/2	1 1/2	LJT 3 3/4 MJT 3 3/4	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
<b>4</b>	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
<b>4 1/4</b>	7 1/2	1 1/2	LJT 4 1/4 MJT 4 1/4	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
<b>4 1/2</b>	8	1 5/8	LJT 4 1/2 MJT 4 1/2	233,000	227,000	1,400	2,900	11.4
	9 1/8	2		168,000	166,000	1,500	3,100	4.85
<b>4 3/4</b>	8 1/2	1 5/8	LJT 4 3/4 MJT 4 3/4	271,000	271,000	1,300	2,600	13.1
	10	2		188,000	188,000	1,400	2,800	6.35
<b>5</b>	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
<b>5 1/2</b>	9 1/2	2	LJT 5 1/2 MJT 5 1/2	298,000	322,000	1,200	2,300	15.7
	11	2 1/8		228,000	253,000	1,200	2,300	9.89
<b>6</b>	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
<b>6 1/2</b>	11	1 7/8	LJT 6 1/2 MJT 6 1/2	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 <sub>r</sub>	static C <sub>0r</sub>	grease	oil	
inches				N		rev/min	kg	
<b>7</b>	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
<b>7 1/2</b>	12 1/2	1 1/2	LJT 7 1/2 MJT 7 1/2	277,000	348,000	900	1,800	15.0
	14 1/2	2 1/4		420,000	534,000	800	1,600	36.9
<b>8</b>	13	1 3/4	LJT 8 MJT 8	282,000	365,000	850	1,700	15.9
	15	2 3/4		435,000	578,000	750	1,500	37.6
<b>8 1/2</b>	14	2	LJT 8 1/2 MJT 8 1/2	323,000	441,000	800	1,600	21.5
	16	3		476,000	677,000	700	1,400	48.5
<b>9</b>	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
<b>9 1/2</b>	15 1/2	2	LJT 9 1/2	342,000	484,000	700	1,400	24.5
<b>10</b>	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
<b>10 1/2</b>	16 1/8	2 1/4	LJT 10 1/2	372,000	577,000	600	1,200	33.3
<b>11</b>	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
<b>11 1/2</b>	18	2 3/8	LJT 11 1/2	400,000	626,000	550	1,100	40.1
<b>12</b>	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
<b>13</b>	20	2 3/4	LJT 13	498,000	1,060,000	450	900	54.4
<b>14</b>	21 1/2	2 3/8	LJT 14	525,000	929,000	410	800	65.8
<b>15</b>	22 1/2	3	LJT 15	586,000	1,110,000	380	750	71.7