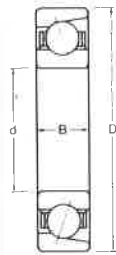


# Single row angular contact ball bearings

d  $\frac{3}{8}$ -2 $\frac{1}{4}$  inch

RHP bearings



20°

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	
$\frac{3}{8}$	1 $\frac{1}{2}$	$\frac{9}{16}$	MJT $\frac{3}{8}$	11 000	4 770	10 300	20 500	0.091
$\frac{1}{2}$	$1\frac{5}{16}$	$\frac{3}{8}$	LJT $\frac{1}{2}$	8 200	3 930	10 600	21 000	0.045
			MJT $\frac{1}{2}$	12 400	6 040	9 300	18 500	0.113
$\frac{5}{8}$	$1\frac{13}{16}$	$\frac{1}{2}$	LJT $\frac{5}{8}$	12 200	6 280	9 100	18 000	0.059
			MJT $\frac{5}{8}$	15 900	8 730	8 300	16 500	0.141
$\frac{3}{4}$	2	$\frac{9}{16}$	LJT $\frac{3}{4}$	15 900	8 730	7 800	15 500	0.127
			MJT $\frac{3}{4}$	18 900	9 740	7 500	15 000	0.186
$\frac{7}{8}$	2 $\frac{1}{4}$	$\frac{9}{16}$	LJT $\frac{7}{8}$	16 900	9 860	7 200	14 400	0.145
			MJT $\frac{7}{8}$	22 100	12 700	6 700	13 400	0.236
1	2 $\frac{1}{2}$	$\frac{3}{4}$	LJT 1	25 300	14 500	6 500	12 900	0.204
			MJT 1	27 000	16 200	6 100	12 100	0.313
1 $\frac{1}{8}$	2 $\frac{13}{16}$	$\frac{5}{8}$	LJT 1 $\frac{1}{8}$	25 300	15 500	5 900	11 700	0.249
			MJT 1 $\frac{1}{8}$	36 800	22 000	5 400	10 900	0.422
1 $\frac{1}{4}$	2 $\frac{3}{8}$	$\frac{7}{8}$	LJT 1 $\frac{1}{4}$	27 200	17 000	5 400	10 700	0.336
			MJT 1 $\frac{1}{4}$	43 700	27 700	4 900	9 800	0.553
1 $\frac{3}{8}$	3	$\frac{1}{2}$	LJT 1 $\frac{3}{8}$	37 000	24 200	4 900	9 800	0.408
			MJT 1 $\frac{3}{8}$	50 500	31 500	4 400	8 900	0.726
1 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{4}$	LJT 1 $\frac{1}{2}$	41 600	27 600	4 500	9 100	0.499
			MJT 1 $\frac{1}{2}$	55 000	34 900	4 100	8 300	0.885
1 $\frac{5}{8}$	4	$\frac{3}{4}$	LJT 1 $\frac{5}{8}$	43 700	30 600	4 200	8 400	0.594
			MJT 1 $\frac{5}{8}$	65 500	42 000	3 900	7 700	1.01
1 $\frac{3}{4}$	4 $\frac{1}{2}$	$\frac{1}{2}$	LJT 1 $\frac{3}{4}$	51 500	35 300	3 900	7 900	0.726
			MJT 1 $\frac{3}{4}$	71 000	46 100	3 600	7 200	1.29
1 $\frac{7}{8}$	4 $\frac{1}{2}$	$\frac{1}{2}$	LJT 1 $\frac{7}{8}$	56 500	42 000	3 600	7 200	0.835
			MJT 1 $\frac{7}{8}$	82 500	54 400	3 300	6 700	1.46
2	4 $\frac{1}{2}$	$\frac{1}{2}$	LJT 2	56 500	42 000	3 600	7 200	0.867
			MJT 2	82 500	54 400	3 300	6 700	1.46
2 $\frac{1}{4}$	5	$\frac{1}{2}$	LJT 2 $\frac{1}{4}$	65 500	48 200	3 200	6 400	1.09
			MJT 2 $\frac{1}{4}$	101 000	68 200	3 000	5 900	2.00