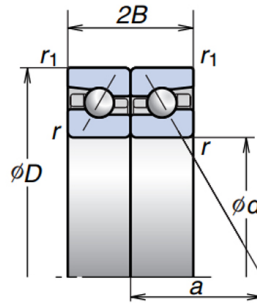


## High-Speed Angular Contact Thrust Ball Bearings



Bearing	Dimensiones(mm)					Basic Loading Ratings (KN)		Permissible axial load(KN)	Effective load center(a)	Limiting speeds [rpm]		Weight(kg)
	D	d	2B	r(min)	r1(min)	Cr	Cor			Grease	Oil	
50BAR10S	50	80	28.5	1	0.6	14.7	27.7	18.4	25.7	11600	14700	0.272
50BAR10H	50	80	28.5	1	0.6	14.7	27.7	12.6	25.7	13100	16200	0.257
50BTR10S	50	80	28.5	1	0.6	17.4	31.5	21.5	34.1	10000	13100	0.272
50BTR10H	50	80	28.5	1	0.6	17.4	31.5	15.5	34.1	11600	14700	0.257
55BAR10S	55	90	33	1.1	0.6	18.2	35	23.4	28.9	10400	13200	0.412
55BAR10H	55	90	33	1.1	0.6	18.2	35	16	28.9	11800	14500	0.391
55BTR10S	55	90	33	1.1	0.6	21.6	40	26.4	38.3	9000	11800	0.412
55BTR10H	55	90	33	1.1	0.6	21.6	40	19.7	38.3	10400	13200	0.391
60BAR10S	60	95	33	1.1	0.6	18.9	38	25.5	30.4	9700	12300	0.42
60BAR10H	60	95	33	1.1	0.6	18.9	38	17.5	30.4	11000	13600	0.397
60BTR10S	60	95	33	1.1	0.6	22.4	43.5	25.8	40.4	8400	11000	0.42
60BTR10H	60	95	33	1.1	0.6	22.4	43.5	21.5	40.4	9700	12300	0.397
65BAR10S	65	100	33	1.1	0.6	19.5	41.5	27.7	31.8	9100	11600	0.447
65BAR10H	65	100	33	1.1	0.6	19.5	41.5	19	31.8	10400	12800	0.406
65BTR10S	65	100	33	1.1	0.6	23.1	47	27.3	42.5	7900	10400	0.447
65BTR10H	65	100	33	1.1	0.6	23.1	47	23.3	42.5	9100	11600	0.406
70BAR10S	70	110	36	1.1	0.6	26.9	55	37.5	34.7	8400	10600	0.601
70BAR10H	70	110	36	1.1	0.6	26.9	55	25.5	34.7	9500	11700	0.561
70BTR10S	70	110	36	1.1	0.6	32	63	35	46.3	7300	9500	0.601
70BTR10H	70	110	36	1.1	0.6	32	63	31.5	46.3	8400	10600	0.561
75BAR10S	75	115	36	1.1	0.6	27.3	58	39	36.1	7900	10000	0.634
75BAR10H	75	115	36	1.1	0.6	27.3	58	26.7	36.1	9000	11100	0.592
75BTR10S	75	115	36	1.1	0.6	32.5	65.5	36.5	48.4	6900	9000	0.634
75BTR10H	75	115	36	1.1	0.6	32.5	65.5	33	48.4	7900	10000	0.592

## High-Speed Angular Contact Thrust Ball Bearings

80BAR10S	80	125	40.5	1.1	0.6	32	68.5	46.5	39.4	7400	9300	0.875
80BAR10H	80	125	40.5	1.1	0.6	32	68.5	32	39.4	8300	10300	0.821
80BTR10S	80	125	40.5	1.1	0.6	38	78	43	52.7	6400	8300	0.875
80BTR10H	80	125	40.5	1.1	0.6	38	78	39	52.7	7400	9300	0.821
85BAR10S	85	130	40.5	1.1	0.6	32.5	71.5	48.5	41.1	7000	8900	0.971
85BAR10H	85	130	40.5	1.1	0.6	32.5	71.5	33	41.1	8000	9800	0.915