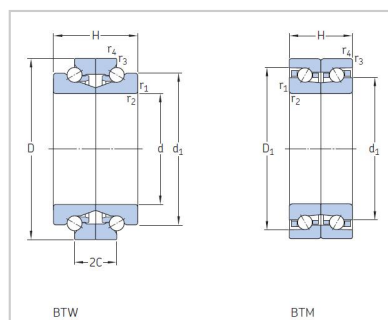


Angular Contact Ball Bearing

BTW BTM high-speed angular contact thrust ball bearings



Bearing NO.	d (mm)	D (mm)	H	C kN	C0	Pu kN	RPM		Weight (kg)
							r/min	r/min	
BTW 40 CTN9/SP	40	68	36	19.5	46.5	2.24	10000	13000	0.42
BTW 45 CTN9/SP	45	75	38	22.1	54	2.6	9500	12000	0.53
BTW 35 CTN9/SP	35	62	34	16.8	39	1.83	11000	14000	0.35
BTW 50 CTN9/SP	50	80	38	22.5	60	2.85	9000	11000	0.58
BTW 55 CTN9/SP	55	90	44	30.2	80	3.8	7500	9000	0.87
BTM 60 A TN9/P4CDB	60	95	33	21.6	43	1.86	10100	12900	0.85
BTM 60 A TN9/HCP4CDB	60	95	33	21.6	43	1.86	12700	15200	0.8
BTM 60 B TN9/P4CDB	60	95	33	25	50	2.12	9000	11500	0.85
BTM 60 B TN9/HCP4CDB	60	95	33	25	50	2.12	11100	13300	0.8
BTW 60 CTN9/SP	60	95	44	30.7	83	4	7500	9000	0.93
BTM 65 A TN9/P4CDB	65	100	33	22	47.5	2	9500	12100	0.9
BTM 65 A TN9/HCP4CDB	65	100	33	22	47.5	2	11900	14200	0.85
BTM 65 B TN9/P4CDB	65	100	33	26	54	2.32	8400	10900	0.9
BTM 65 B TN9/HCP4CDB	65	100	33	26	54	2.32	10400	12400	0.85

BTW 65 CTN9/SP	65	100	44	31.9	90	4.3	7000	8500	1
BTM 70 A TN9/P4CD B	70	110	36	27.5	58.5	2.45	8700	11100	1.2
BTM 70 A TN9/HCP4 CDB	70	110	36	27.5	58.5	2.45	10900	13000	1.15
BTM 70 B TN9/P4CD B	70	110	36	32	67	2.85	7700	9900	1.2
BTM 70 B TN9/HCP4 CDB	70	110	36	32	67	2.85	9500	11300	1.15
BTW 70 CTN9/SP	70	110	48	39	112	5.3	6700	8000	1.35

Bearing NO.	d (mm)	D (mm)	H	C kN	C0	Pu kN	RPM		Weight (kg)
							r/min	r/min	
BTM 75 A TN9/P4CD B	75	115	36	27.5	61	2.6	8200	10400	1.3
BTM 75 A TN9/HCP4 CDB	75	115	36	27.5	61	2.6	10300	12300	1.2
BTM 75 B TN9/P4CD B	75	115	36	32.5	69.5	2.9	7300	9400	1.3
BTM 75 B TN9/HCP4 CDB	75	115	36	32.5	69.5	2.9	9000	10700	1.2
BTW 75 CTN9/SP	75	115	48	39.7	116	5.6	6300	7500	1.45
BTM 80 A TN9/P4CD B	80	125	40.5	33.5	73.5	3.1	7600	9700	1.75
BTM 80 A TN9/HCP4 CDB	80	125	40.5	33.5	73.5	3.1	9600	11500	1.65
BTM 80 B TN9/P4CD B	80	125	40.5	39	85	3.55	6800	8700	1.75
BTM 80 B TN9/HCP4 CDB	80	125	40.5	39	85	3.55	8400	10000	1.65
BTW 80 CTN9/SP	80	125	54	47.5	140	6.55	5600	6700	1.95
BTM 85 A TN9/P4CD B	85	130	40.5	33.5	78	3.15	7300	9300	1.85
BTM 85 A TN9/HCP4 CDB	85	130	40.5	33.5	78	3.15	9100	10900	1.7
BTM 85 B TN9/P4CD B	85	130	40.5	40	88	3.6	6400	8300	1.85
BTM 85 B TN9/HCP4 CDB	85	130	40.5	40	88	3.6	8000	9500	1.7
BTW 85 CTN9/SP	85	130	54	48.8	146	6.7	5600	6700	2.05
BTM 90 A TN9/P4CD B	90	140	45	39	91.5	3.55	6800	8700	2.45
BTM 90 A TN9/HCP4 CDB	90	140	45	39	91.5	3.55	8500	10100	2.3
BTM 90 B TN9/P4CD B	90	140	45	46.5	102	4	6000	7700	2.45
BTM 90 B TN9/HCP4	90	140	45	46.5	102	4	7400	8800	2.3

CDB									
BTW 90 CTN9/SP	90	140	60	55.9	173	7.65	5000	6000	2.7

Bearing NO.	d (mm)	D (mm)	H	C kN	C0	Pu kN	RPM		Weight (kg)
							r/min	r/min	
BTM 95 A TN9/P4CD B	95	145	45	40	93	3.6	6500	8300	2.55
BTM 95 A TN9/HCP4 CDB	95	145	45	40	93	3.6	8200	9800	2.4
BTM 95 B TN9/P4CD B	95	145	45	46.5	106	4.05	5800	7400	2.55
BTM 95 B TN9/HCP4 CDB	95	145	45	46.5	106	4.05	7200	8600	2.4
BTW 95 CTN9/SP	95	145	60	57.2	180	7.8	5000	6000	2.8
BTM 100 ATN9/P4C DB	100	150	45	41.5	102	3.8	6300	7900	2.65
BTM 100 ATN9/HCP 4CDB	100	150	45	41.5	102	3.8	7900	9400	2.5
BTM 100 BTN9/P4C DB	100	150	45	48	116	4.3	5600	7100	2.65
BTM 100 BTN9/HCP 4CDB	100	150	45	48	116	4.3	6900	8200	2.5
BTW 100 CTN9/SP	100	150	60	59.2	193	8.15	5000	6000	2.95
BTM 110 ATN9/P4C DB	110	170	54	57	137	4.8	5600	7100	4.25
BTM 110 ATN9/HCP 4CDB	110	170	54	57	137	4.8	7000	8300	3.95
BTM 110 BTN9/P4C DB	110	170	54	65.5	153	5.5	4900	6400	4.25
BTM 110 BTN9/HCP 4CDB	110	170	54	65.5	153	5.5	6100	7300	3.95
BTW 110 CTN9/SP	110	170	72	81.9	260	10.4	4300	5000	4.7
BTM 120 ATN9/P4C DB	120	180	54	58.5	146	5	5200	6700	4.55
BTM 120 ATN9/HCP 4CDB	120	180	54	58.5	146	5	6500	7700	4.2
BTM 120 BTN9/P4C DB	120	180	54	69.5	166	5.7	4600	5900	4.55
BTM 120 BTN9/HCP	120	180	54	69.5	166	5.7	5700	6800	4.2

4CDB									
BTW 120 CTN9/SP	120	180	72	85.2	280	10.8	4000	4800	5.05

Bearing NO.	d (mm)	D (mm)	H	C kN	C0	Pu kN	RPM		Weight (kg)
							r/min	r/min	
BTM 130 ATN9/P4C DB	130	200	63	73.5	186	6.1	4700	6000	6.9
BTM 130 ATN9/HCP 4CDB	130	200	63	73.5	186	6.1	5900	7000	6.45
BTM 130 BTN9/P4C DB	130	200	63	85	208	6.8	4200	5400	6.9
BTM 130 BTN9/HCP 4CDB	130	200	63	85	208	6.8	5100	6100	6.45
BTW 130 CTN9/SP	130	200	84	106	360	13.2	3600	4300	7.6
BTM 140 AM/P4CD B	140	210	63	73.5	190	6.1	4400	5700	7.85
BTM 140 AM/HCP4 CDB	140	210	63	73.5	190	6.1	5600	6700	7.4
BTM 140 BM/P4CD B	140	210	63	86.5	216	6.95	3900	5100	7.85
BTM 140 BM/HCP4 CDB	140	210	63	86.5	216	6.95	4900	5800	7.4
BTW 140 CM/SP	140	210	84	106	375	13.2	3200	3800	8.6
BTM 150 AM/P4CD B	150	225	67.5	86.5	228	7.1	4100	5300	9.6
BTM 150 AM/HCP4 CDB	150	225	67.5	86.5	228	7.1	5200	6200	9
BTM 150 BM/P4CD B	150	225	67.5	104	260	8	3700	4800	9.6
BTM 150 BM/HCP4 CDB	150	225	67.5	104	260	8	4500	5300	9
BTW 150 CM/SP	150	225	90	127	440	15.3	3000	3600	10.5
BTM 160 AM/P4CD B	160	240	72	98	260	7.8	3900	5000	12
BTM 160 AM/HCP4 CDB	160	240	72	98	260	7.8	4900	5800	11
BTM 160 BM/P4CD B	160	240	72	114	290	8.8	3400	4500	12
BTM 160 BM/HCP4	160	240	72	114	290	8.8	4300	5100	11

CDB									
BTW 160 CM/SP	160	240	96	140	510	16.6	2800	3400	13

Bearing NO.	d (mm)	D (mm)	H	C kN	C0	Pu kN	RPM		Weight (kg)
							r/min	r/min	
BTM 170 AM/P4CD B	170	260	81	118	315	9.15	3600	4700	16
BTM 170 AM/HCP4 CDB	170	260	81	118	315	9.15	4500	5300	15
BTM 170 BM/P4CD B	170	260	81	140	360	10.4	3200	4100	16
BTM 170 BM/HCP4 CDB	170	260	81	140	360	10.4	3900	4600	15
BTW 170 CM/SP	170	260	108	174	610	19.6	2400	3000	17.5
BTM 180 AM/P4CD B	180	280	90	140	365	10.4	3400	4400	21.5
BTM 180 AM/HCP4 CDB	180	280	90	140	365	10.4	4200	5000	20
BTM 180 BM/P4CD B	180	280	90	163	425	11.8	3000	3800	21.5
BTM 180 BM/HCP4 CDB	180	280	90	163	425	11.8	3600	4300	20
BTW 180 CM/SP	180	280	120	199	710	22.4	2000	2600	23
BTW 190 CM/SP	190	290	120	203	735	22.8	2000	2600	24
BTW 200 CM/SP	200	310	132	238	865	25.5	1900	2400	31