

THRUST BEARINGS

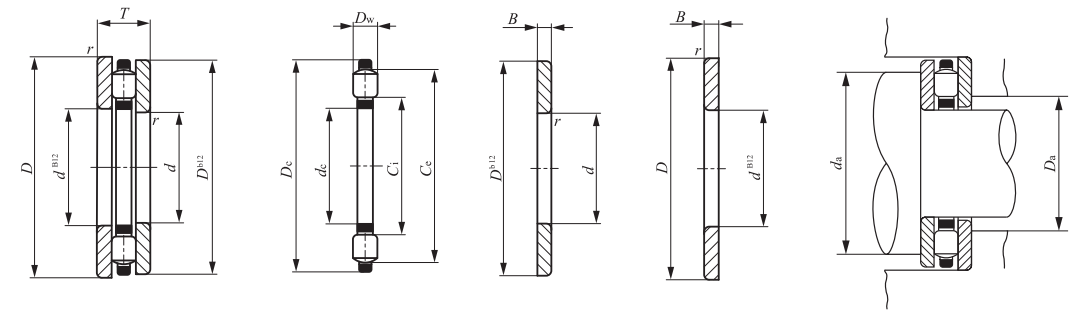
Thrust Roller Bearings



Shaft dia. 10 – 65mm

Shaft dia. mm	Identification number							
	Thrust roller bearing	Mass (Ref.) g	Thrust roller bearing	Mass (Ref.) g	Inner ring	Outer ring	Mass (Ref.) g	
10	AZ 10249	24.6	AZK 10243.5	8.6	WS 1024	GS 1024	8	
12	AZ 12269	26.5	AZK 12263.5	8.7	WS 1226	GS 1226	8.9	
15	AZ 15289	28	AZK 15283.5	9.4	WS 1528	GS 1528	9.3	
17	AZ 17309	30.5	AZK 17303.5	10.1	WS 1730	GS 1730	10.2	
20	AZ 203510	45.5	AZK 20354.5	17.9	WS 2035	GS 2035	13.8	
25	AZ 254211	70	AZK 25425	28	WS 2542	GS 2542	21	
30	AZ 304711	79	AZK 30475	31	WS 3047	GS 3047	24	
	AZ 305216	160	AZK 30527.5	70	WS 3052	GS 3052	45	
35	AZ 355212	99	AZK 35525	36	WS 3552	GS 3552	31.5	
	AZ 356218	260	AZK 35627.5	98	WS 3562	GS 3562	81	
40	AZ 406013	139	AZK 40606	54	WS 4060	GS 4060	42.5	
	AZ 406819	310	AZK 40689	132	WS 4068	GS 4068	89	
45	AZ 456514	169	AZK 45656	62	WS 4565	GS 4565	53.5	
	AZ 457320	360	AZK 45739	144	WS 4573	GS 4573	108	
50	AZ 507014	185	AZK 50706	68	WS 5070	GS 5070	58.5	
	AZ 507822	430	AZK 507811	194	WS 5078	GS 5078	118	
55	AZ 557816	275	AZK 55786	89	WS 5578	GS 5578	93	
	AZ 559025	725	AZK 559011	275	WS 5590	GS 5590	225	
60	AZ 608517	345	AZK 60857.5	135	WS 6085	GS 6085	105	
	AZ 609526	770	AZK 609511	290	WS 6095	GS 6095	240	
	AZ 6013026	2 090	AZK 6013010	790	WS 60130	GS 60130	650	
65	AZ 659018	380	AZK 65907.5	132	WS 6590	GS 6590	124	
	AZ 6510027	860	AZK 6510011	310	WS 65100	GS 65100	275	

Notes⁽¹⁾ Minimum allowable value of chamfer dimension *r*
⁽²⁾ Allowable rotational speed applies to oil lubrication. For grease lubrication, a maximum of 25% of this value is allowable.



AZ AZK WS GS

Boundary dimensions mm											Standard mounting dimensions mm		Basic dynamic load rating	Basic static load rating	Allowable rotational speed ⁽²⁾
<i>d</i>	<i>D</i>	<i>T</i>	<i>d_c</i>	<i>D_c</i>	<i>D_w</i>	<i>B</i>	<i>r_{s min}</i> ⁽¹⁾	<i>C_i</i>	<i>C_e</i>	<i>d_{a Min.}</i>	<i>D_{a Max.}</i>	<i>C</i> N	<i>C₀</i> N	min ⁻¹	
10	24	9	10.04	23.6	3.5	2.75	0.3	13	21	21	13	8 990	19 100	18 000	
12	26	9	12.04	25.6	3.5	2.75	0.3	15	23	23	16	10 400	23 900	16 000	
15	28	9	15.04	27.6	3.5	2.75	0.3	17	25	25	18	10 200	23 900	14 000	
17	30	9	17.04	29.6	3.5	2.75	0.3	19	27	27	20	11 400	28 600	13 000	
20	35	10	20.04	34.6	4.5	2.75	0.3	22	33	33	23	19 000	48 700	11 000	
25	42	11	25.05	41.6	5	3	0.6	28	39	39	28	22 700	60 700	9 000	
30	47	11	30.05	46.5	5	3	0.6	33	44	44	33	27 400	81 000	8 000	
	52	16	30.05	51.5	7.5	4.25	0.6	35	49	48	36	38 400	95 700	7 500	
35	52	12	35.05	51.5	5	3.5	0.6	38	49	49	39	29 100	91 100	7 000	
	62	18	35.05	61.5	7.5	5.25	1	42	58	57	43	47 900	135 000	6 500	
40	60	13	40.05	59.5	6	3.5	0.6	44	57	57	44	41 700	133 000	6 000	
	68	19	40.05	67.5	9	5	1	45	64	64	46	68 700	195 000	5 500	
45	65	14	45.05	64.5	6	4	0.6	49	62	62	49	40 800	133 000	5 500	
	73	20	45.05	72.5	9	5.5	1	50	69	69	51	75 700	227 000	5 000	
50	70	14	50.05	69.5	6	4	0.6	54	67	67	54	43 300	148 000	5 000	
	78	22	50.05	77.5	11	5.5	1	55	74	73	56	84 300	232 000	4 500	
55	78	16	55.05	77.5	6	5	0.6	59	75	75	60	51 700	192 000	4 500	
	90	25	55.05	89.5	11	7	1	63	85	84	63	108 000	332 000	4 000	
60	85	17	60.05	84.5	7.5	4.75	1	65	81	81	66	64 600	224 000	4 000	
	95	26	60.05	94.5	11	7.5	1	68	90	89	68	106 000	332 000	4 000	
	130	26	60.05	129.5	10	8	1.5	79	119	119	80	158 000	634 000	3 000	
65	90	18	65.05	89.5	7.5	5.25	1	70	86	86	71	68 300	247 000	4 000	
	100	27	65.05	99.5	11	8	1	73	95	94	73	116 000	379 000	3 500	

F
 NTB
 AS
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 WS-GS