

THRUST BEARINGS

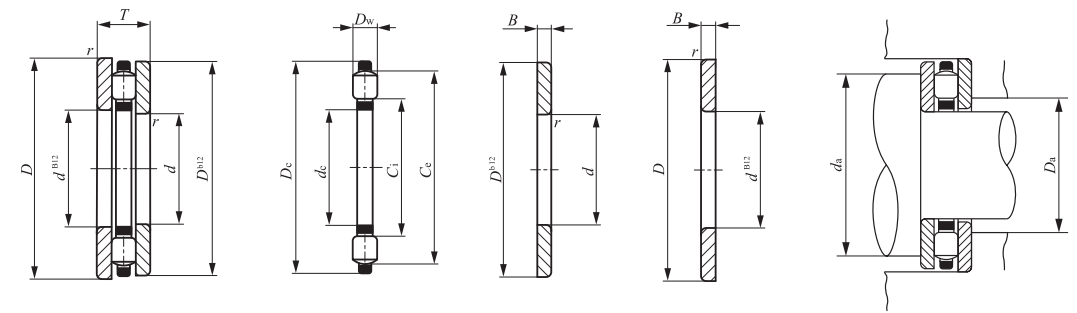
Thrust Roller Bearings



Shaft dia. 140 – 280mm

Shaft dia. mm	Identification number						
	Thrust roller bearing	Mass (Ref.) g	Thrust roller bearing	Mass (Ref.) g	Inner ring	Outer ring	Mass (Ref.) g
140	AZ 14018031	2 410	AZK 14018012	920	WS 140180	GS 140180	745
	AZ 14019542	4 560	AZK 14019518	1 860	WS 140195	GS 140195	1 350
	AZ 14024039	8 680	AZK 14024015	3 100	WS 140240	GS 140240	2 790
150	AZ 15019031	2 560	AZK 15019012	980	WS 150190	GS 150190	790
	AZ 15020542	4 840	AZK 15020518	1 980	WS 150205	GS 150205	1 430
	AZ 15025039	9 140	AZK 15025015	3 260	WS 150250	GS 150250	2 940
160	AZ 16020031	2 710	AZK 16020012	1 030	WS 160200	GS 160200	840
	AZ 16027039	10 800	AZK 16027015	3 840	WS 160270	GS 160270	3 480
170	AZ 17023045	6 220	AZK 17023019	2 420	WS 170230	GS 170230	1 900
	AZ 17028039	11 300	AZK 17028015	4 020	WS 170280	GS 170280	3 640
180	AZ 18024045	6 540	AZK 18024019	2 540	WS 180240	GS 180240	2 000
	AZ 18031039	14 600	AZK 18031015	5 200	WS 180310	GS 180310	4 700
190	AZ 19025548	8 060	AZK 19025520	3 100	WS 190255	GS 190255	2 480
	AZ 19032039	15 000	AZK 19032015	5 280	WS 190320	GS 190320	4 860
200	AZ 20026548	8 430	AZK 20026520	3 250	WS 200265	GS 200265	2 590
	AZ 20034039	17 200	AZK 20034015	6 120	WS 200340	GS 200340	5 540
220	AZ 22029050	10 400	AZK 22029022	4 280	WS 220290	GS 220290	3 060
	AZ 22036052	24 000	AZK 22036020	8 000	WS 220360	GS 220360	8 000
240	AZ 24031554	13 200	AZK 24031524	5 520	WS 240315	GS 240315	3 840
	AZ 24038052	26 500	AZK 24038020	9 440	WS 240380	GS 240380	8 530
260	AZ 26034055	15 400	AZK 26034025	6 600	WS 260340	GS 260340	4 400
	AZ 26042080	51 600	AZK 26042030	18 200	WS 260420	GS 260420	16 700
280	AZ 28044080	54 600	AZK 28044030	19 200	WS 280440	GS 280440	17 700

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 C N	Basic static load rating C ₀ N	Allowable rotational speed ⁽²⁾ min ⁻¹
<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>				
140	180	31	140.1	179.5	12	9.5	1	150	174	173	150	184 000	798 000	1 900	
140	195	42	140.1	194.5	18	12	1.5	152	188	187	153	353 000	1 420 000	1 800	
140	240	39	140.1	239	15	12	2.1	161	227	226	162	435 000	2 180 000	1 600	
150	190	31	150.1	189.5	12	9.5	1	160	184	183	160	181 000	798 000	1 800	
150	205	42	150.1	204.5	18	12	1.5	162	198	197	163	349 000	1 420 000	1 700	
150	250	39	150.1	249	15	12	2.1	171	237	236	172	459 000	2 380 000	1 500	
160	200	31	160.1	199.5	12	9.5	1	170	194	193	170	189 000	855 000	1 700	
160	270	39	160.1	269	15	12	3	183	256	255	184	519 000	2 850 000	1 400	
170	230	45	170.1	229	19	13	1.5	183	221	220	184	406 000	1 730 000	1 500	
170	280	39	170.1	279	15	12	3	193	266	265	194	543 000	3 070 000	1 300	
180	240	45	180.1	239	19	13	1.5	193	231	230	194	426 000	1 870 000	1 400	
180	310	39	180.1	308	15	12	3	204	294	293	205	619 000	3 710 000	1 200	
190	255	48	190.1	254	20	14	2	205	245	244	206	470 000	2 080 000	1 300	
190	320	39	190.1	318	15	12	4	214	304	303	215	647 000	3 980 000	1 200	
200	265	48	200.15	264	20	14	2	215	255	254	216	465 000	2 080 000	1 300	
200	340	39	200.15	338	15	12	4	227	323	322	228	710 000	4 580 000	1 100	
220	290	50	220.15	289	22	14	2	236	280	278	237	557 000	2 530 000	1 300	
220	360	52	220.15	358	20	16	4	246	343	342	247	943 000	5 520 000	1 000	
240	315	54	240.15	314	24	15	2	256	304	302	257	695 000	3 250 000	1 100	
240	380	52	240.15	378	20	16	4	266	363	362	267	977 000	5 910 000	1 000	
260	340	55	260.15	339	25	15	2.1	278	328	326	279	739 000	3 510 000	1 000	
260	420	80	260.15	418	30	25	5	289	402	400	291	1 430 000	7 490 000	900	
280	440	80	280.15	438	30	25	5	309	422	420	311	1 420 000	7 490 000	800	

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 NTB
 AS
 AZK
 WS-GS