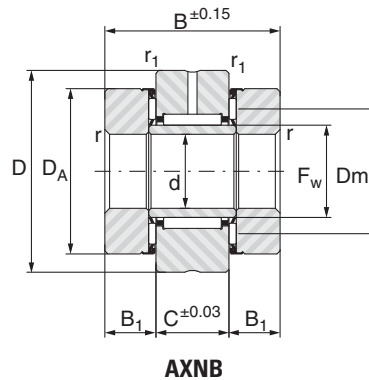
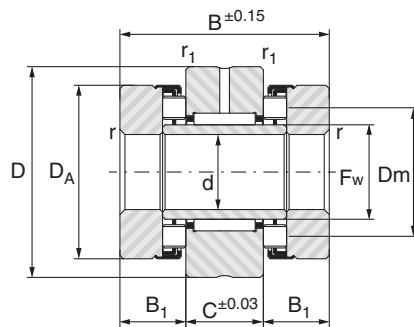


Precision combined bearings, with adjustable axial preload

AXNB and ARNB series



Shaft ∅ mm	Designation				d mm	D mm	F _w mm	D _A mm	D _m mm	B mm	C mm	B ₁ mm	r min.	r ₁ min.
	AXNB	ARNB series 1	ARNB series 2	ARNB series 3										
15	15 45				15	45	20	35	26.8	40	16	12	0.85	0.85
		15 45			15	45	20	35	26.8	46	16	15	0.85	0.85
20	20 52				20	52	25	42	32.5	40	16	12	0.85	0.85
		20 52			20	52	25	42	32.5	46	16	15	0.85	0.85
			20 62		20	62	30	52	39.9	60	20	20	1.3	0.85
25				20 72	20	72	30	60	43.5	60	20	20	1.3	0.85
	25 57				25	57	30	47	37.5	44	20	12	0.85	0.85
		25 57			25	57	30	47	37.5	50	20	15	0.85	0.85
			25 72		25	72	35	62	46.7	60	20	20	1.3	0.85
30				25 80	25	80	35	68	49.8	60	20	20	1.3	0.85
	30 62				30	62	35	53	43.1	44	20	12	0.85	0.85
		30 62			30	62	35	53.4	42.8	50	20	15	0.85	0.85
			30 80		30	80	40	68	52.7	66	20	23	1.3	0.85
35				30 90	30	90	40	78	57	66	20	23	1.3	0.85
	35 70				35	70	40	60	48.9	48	20	14	1.3	0.85
		35 70			35	70	40	60.4	48.8	54	20	17	1.3	0.85
			35 85		35	85	45	73	57.7	66	20	23	1.3	0.85
40				35 100	35	100	45	85	63	66	20	23	1.3	0.85
	40 75				40	75	45	65	53.9	48	20	14	1.3	0.85
		40 75			40	75	45	65.4	53.8	54	20	17	1.3	0.85
			40 90		40	90	50	78	62.7	75	25	25	1.3	0.85
45				40 110	40	110	50	95	70	75	25	25	1.3	0.85
	45 80				45	80	50	70	59.5	54	25	14.5	1.3	0.85
		45 80			45	80	50	70.4	58.8	60	25	17.5	1.3	0.85
			45 105		45	105	55	90	70.9	82	25	28.5	1.3	0.85
50				45 120	45	120	55	105	78.2	82	25	28.5	1.3	0.85
	50 90				50	90	55	78	65.5	54	25	14.5	1.3	0.85
		50 90			50	90	55	78.4	65.5	60	25	17.5	1.3	0.85
			50 110		50	110	60	95	75.9	82	25	28.5	1.3	0.85
55				50 125	50	125	60	110	83.2	82	25	28.5	1.3	0.85
			55 115		55	115	65	100	80.9	82	25	28.5	1.75	0.85
60				55 130	55	130	65	115	88.2	82	25	28.5	1.75	0.85
			60 120		60	120	70	105	85.9	82	25	28.5	1.75	0.85
65				60 120	60	140	70	125	96	82	25	28.5	1.75	0.85
			65 125		65	125	75	110	90.9	82	25	28.5	1.75	0.85
70					70	130	80	115	95.9	82	25	28.5	1.75	0.85
75					75	155	90	135	109.9	100	30	35	1.75	0.85
90					90	180	110	160	132.9	110	35	37.5	1.75	0.85



ARNB

Load Ratings kN				Speed rating min-1	Preload ¹⁾ N	Rotation ²⁾ torque Nmm	Rigidity K ³⁾ N/μm	Weight kg	Designation
radial		axial							
Dyn. C	Stat. Co	Dyn. C	Stat. Co						
16.2	22.0	12.0	40.0	9 000	735	120	1 250	0.296	AXNB 15 45
16.2	22.0	20.5	49.0	9 000	1 340	350	780	0.316	ARNB 15 45
18.9	28.8	13.5	50.0	7 500	820	160	1 480	0.392	AXNB 20 52
18.9	28.8	23.5	63.0	7 500	1 550	500	950	0.418	ARNB 20 52
28.0	44.5	48.0	115.0	6 300	3 010	1 200	1 130	0.875	ARNB 20 62
28.0	44.5	42.5	148.0	5 600	2 765	800	1 700	1.300	ARNB 20 72
28.0	44.5	14.8	58.5	6500	880	200	1 780	0.515	AXNB 25 57
28.0	44.5	24.8	70.0	6 500	1 620	550	1 090	0.543	ARNB 25 57
30.5	53.0	66.0	165.0	5 300	4 130	1 900	1 270	1.180	ARNB 25 72
30.5	53.0	48.0	179.0	4 900	3 060	1 000	1 900	1.565	ARNB 25 80
30.5	53.0	19.0	85.0	5 500	1 130	300	1 880	0.585	AXNB 30 62
30.5	53.0	32.0	88.0	5 500	2 100	850	1 070	0.620	ARNB 30 62
32.5	59.0	83.0	210.0	4 800	5 040	2 600	1 450	1.520	ARNB 30 80
32.5	59.0	68.0	250.0	4 200	4 340	1 600	2 300	2.145	ARNB 30 90
32.5	59.0	20 500	97.0	5 000	1 210	350	2 250	0.787	AXNB 35 70
32.5	59.0	45 000	124.0	5 000	2 910	1 350	1 300	0.815	ARNB 35 70
34.5	67.0	86 000	228.0	4 300	5 250	2 900	1 520	1.642	ARNB 35 85
34.5	67.0	90 000	328.0	3 800	5 770	2 400	2 500	2.535	ARNB 35 100
34.5	67.0	22.0	110.0	4 500	1 300	400	2 630	0.860	AXNB 40 75
34.5	67.0	47.5	138.0	4 500	3 070	1 550	1 470	0.908	ARNB 40 75
44.0	95.0	93.0	260.0	4 000	5 740	3 500	1 620	2.110	ARNB 40 90
44.0	95.0	106.0	420.0	3 400	6 750	3 200	3 000	3.570	ARNB 40 110
44.0	95.0	22.7	119.0	4 000	1 340	450	2 980	1.100	AXNB 45 80
44.0	95.0	50.0	150.0	4 000	3 230	1 750	1 480	1.232	ARNB 45 80
44.0	98.0	127.0	345.0	3 600	7 770	5 300	1 930	3.060	ARNB 45 105
44.0	98.0	122.0	520.0	3 100	7 700	4 100	3 400	4.700	ARNB 45 120
44.0	98.0	28.5	164.0	3 800	1 680	650	3 500	1.385	AXNB 50 90
44.0	98.0	60.0	197.0	3 800	3 800	2 350	1 950	1.440	ARNB 50 90
48.0	113.0	131.0	370.0	3 300	8 120	5 900	2 020	3.320	ARNB 50 110
48.0	113.0	128.0	560.0	2 900	8 050	4 600	3 450	4.945	ARNB 50 125
53.5	119.0	135.0	395.0	3 100	8 400	6 500	2 170	3.535	ARNB 55 115
53.5	119.0	134.0	610.0	2 800	8 330	4 900	3 750	5.256	ARNB 55 130
56.0	128.0	147.0	445.0	2 900	9 100	7 500	2 500	3.717	ARNB 60 120
56.0	128.0	174.0	710.0	2 600	10 640	6 800	4 100	5.976	ARNB 60 140
64.0	143.0	150.0	470.0	2 800	9 310	8 100	2 550	3.960	ARNB 65 125
73.0	148.0	155.0	495.0	2 600	9 520	8 800	2 720	4.136	ARNB 70 130
7.0	165.0	230.0	730.0	2 300	14 140	14 800	3 050	7.700	ARNB 75 155
118.0	268.0	288.0	990.0	1 900	17 640	22 200	3 700	11.654	ARNB 90 180

1) 6% of dynamic axial load - 2) with axial load equal to preload - 3) rigidity of a single thrust bearing with load equal to preload

