



Needle thrust bearings

Shaft ∅ mm	Designation		D _{c1} mm	D mm	B ₁ mm	E _b mm	E _a mm	Load ratings		Speed rating oil min ⁻¹	Weight kg
	AX thin series	AX thick series						Dyn.C kN	Stat.Co kN		
40	AX 40 60		40	60	2.8	43.0	54.9	20.4	96.0	5000	0.024
		AX 5 40 60	40	60	5.0	43.0	54.9	20.4	96.0	5000	0.046
45	AX 45 65		45	65	2.8	48.0	59.9	21.8	109.0	4500	0.025
		AX 5 45 65	45	65	5.0	48.0	59.9	21.8	109.0	4500	0.050
50	AX 50 70		50	70	2.8	53.3	65.7	22.5	118.0	4000	0.026
		AX 5 50 70	50	70	5.0	53.3	65.7	22.5	118.0	4000	0.055
55	AX 55 78		55	78	2.8	58.4	72.5	28.5	164.0	3800	0.034
		AX 6 55 78	55	78	6.0	58.4	72.5	28.5	164.0	3800	0.089
60	AX 60 85		60	85	2.8	63.5	79.2	31.5	193.0	3500	0.040
		AX 6 60 85	60	85	6.0	63.5	79.2	31.5	193.0	3500	0.106
65	AX 3.5 65 90		65	90	3.5	68.5	84.2	33.5	210.0	3200	0.059
		AX 6 65 90	65	90	6.0	68.5	84.2	33.5	210.0	3200	0.114
70	AX 3.5 70 95		70	95	3.5	73.5	89.2	34.5	223.0	3000	0.061
		AX 6 70 95	70	95	6.0	73.5	89.2	34.5	223.0	3000	0.120
75	AX 3.5 75 100		75	100	3.5	78.5	94.2	36.0	240.0	2900	0.065
		AX 6 75 100	75	100	6.0	78.5	94.2	36.0	240.0	2900	0.127
80	AX 3.5 80 105		80	105	3.5	83.5	99.2	36.5	253.0	2700	0.069
		AX 6 80 105	80	105	6.0	83.5	99.2	36.5	253.0	2700	0.134
85	AX 3.5 85 110		85	110	3.5	99.5	104.2	38.0	270.0	2600	0.078
		AX 6 85 110	85	110	6.0	88.5	104.2	38.0	270.0	2600	0.142
90	AX 4.5 90 120		90	120	4.5	94.2	112.9	59.0	360.0	2400	0.117
		AX 8 90 120	90	120	8.0	94.2	112.9	59.0	360.0	2400	0.238
100	AX 4.5 100 135		100	135	4.5	104.2	127.3	73.0	490.0	2100	0.155
		AX 9 100 135	100	135	9.0	104.2	127.3	73.0	490.0	2100	0.364
110	AX 4.5 110 145		110	145	4.5	114.2	137.3	77.0	550.0	2000	0.168
		AX 9 110 145	110	145	9.0	114.2	137.3	77.0	550.0	2000	0.393
120	AX 4.5 120 155		120	155	4.5	124.2	147.3	80.0	590.0	1800	0.182
		AX 9 120 155	120	155	9.0	124.2	147.3	80.0	590.0	1800	0.424