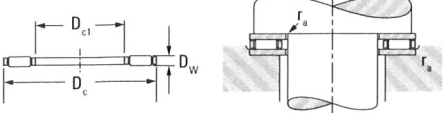
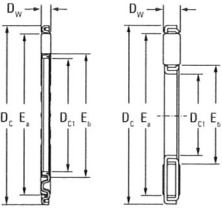


THRUST NEEDLE ROLLER AND CAGE ASSEMBLIES, THRUST WASHERS
METRIC SERIES
AXK, FNT SERIES

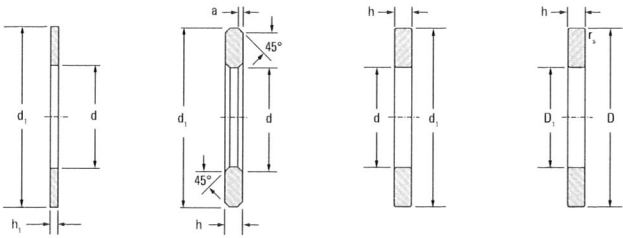


CAGE DESIGN



AXK FNT

Shaft Dia.	D _{c1}	D _c	D _w	E ₁	E ₂	r _a max.	Assembly Designation	Load Ratings		Fatigue Load Limit C ₀	Speed Rating Oil	Approx. Wt.
								Dynamic	Static			
								C	C ₀			
mm	mm	mm	mm	mm	mm	mm		kN	lbf	kN	min ⁻¹	kg
120	120 4.7244	155 6.1024	4 0.1575	153.0 6.024	125.0 4.921	0.6 0.024	AXK120155	98.5 22100	650 146000	63.5	2700	0.126 0.278
130	130 5.1181	170 6.6929	5 0.1969	167.0 6.575	136.0 5.354	0.6 0.024	AXK130170	132 29700	829 186000	78.7	2400	0.198 0.437
140	140 5.5118	180 7.0866	5 0.1969	177.0 6.969	146.0 5.748	0.6 0.024	AXK140180	136 30600	887 199000	82.5	2300	0.221 0.487
150	150 5.9055	190 7.4803	5 0.1969	187.0 7.362	156.0 6.142	0.6 0.024	AXK150190	141 31700	944 212000	86.2	2200	0.225 0.496
160	160 6.2992	200 7.8740	5 0.1969	197.0 7.756	166.0 6.535	0.6 0.024	AXK160200	146 32800	1000 225000	89.9	2100	0.249 0.549



AS (h₁ = 1.0) LS WS.811 GS.811

Washer Dimensions				Thin		Heavy (LS)				Heavy			
d	D, d ₁	D ₁	h ₁	Washer Designation	Approx. Wt.	h	a	Washer Designation	Approx. Wt.	h	r _s min.	Washer Designation Shaft Piloted Housing Piloted	Approx. Wt.
mm	mm	mm	mm		kg	mm	mm		kg	mm	mm		kg
120 4.7244	155 6.1024		1.00 0.0394	AS120155	0.059 0.130								
130 5.1181	170 6.6929		1.00 0.0394	AS130170	0.074 0.163	9.00 0.354	1.50 0.059	LS130170	0.065 0.143				
140 5.5118	180 7.0866		1.00 0.0394	AS140180	0.078 0.172								
150 5.9055	190 7.4803		1.00 0.0394	AS150190	0.083 0.183								
160 6.2992	200 7.8740		1.00 0.0394	AS160200	0.089 0.196								