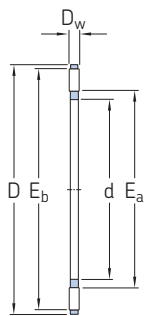
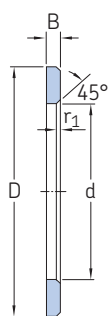


12.1 Needle roller and cage thrust assemblies

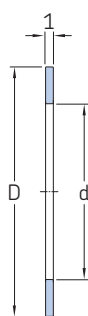
d 90 – 160 mm



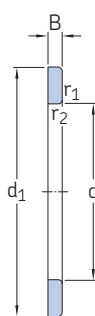
Principal dimensions					Basic load ratings		Fatigue load limit	Speed ratings		Mass	Designation
d	D	D _w	E _a min.	E _b max.	C	C ₀	P _u	Reference speed	Limiting speed		
mm					kN		kN	r/min		g	–
90	120	4	94	118	65,5	405	49	1 500	3 000	86	► AXK 90120
100	135	4	105	133	76,5	560	65,5	1 400	2 800	104	► AXK 100135
110	145	4	115	143	81,5	620	72	1 300	2 600	122	► AXK 110145
120	155	4	125	153	86,5	680	76,5	1 300	2 600	131	► AXK 120155
130	170	5	136	167	112	830	93	1 100	2 200	205	AXK 130170
140	180	5	146	177	116	900	96,5	1 000	2 000	219	► AXK 140180
150	190	5	156	187	120	950	102	1 000	2 000	232	AXK 150190
160	200	5	166	197	125	1 000	106	950	1 900	246	► AXK 160200



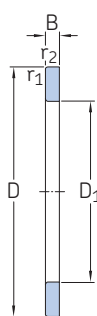
LS



AS



WS 811



GS 811

Dimensions						Masses Washers LS, AS WS, GS		Designations			
d	d ₁	D	D ₁	B	r _{1,2} min.			Universal washer	Thin universal washer	Shaft washer	Housing washer
mm						g		—			
90	120	120	92	6,5	1	234	39	LS 90120	AS 90120	WS 81118	GS 81118
100	135	135	102	7	1	350	50	LS 100135	AS 100135	WS 81120	GS 81120
110	145	145	112	7	1	385	55	LS 110145	AS 110145	WS 81122	GS 81122
120	155	155	122	7	1	415	59	LS 120155	AS 120155	WS 81124	GS 81124
130	170	170	132	9	1	663	65	LS 130170	AS 130170	WS 81126	GS 81126
140	178	180	142	9,5	1	749	79	LS 140180	AS 140180	WS 81128	GS 81128
150	188	190	152	9,5	1	796	84	LS 150190	AS 150190	WS 81130	GS 81130
160	198	200	162	9,5	1	842	89	LS 160200	AS 160200	WS 81132	GS 81132