

Axial needle roller and cage assemblies

Series AXK

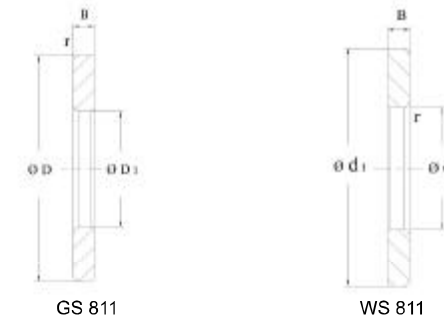
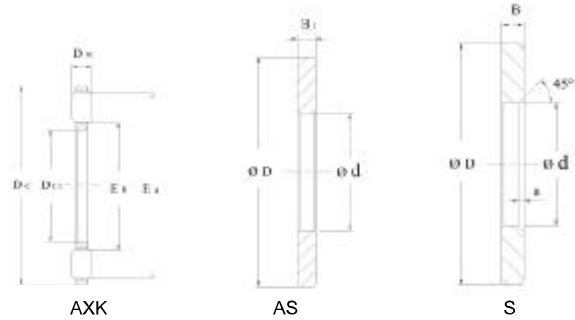
Axial bearing washers

series AS

LS

GS811

WS811



HMEC

Shaft diameter	Dimensions							Basic Load Rating	Fatigue limit load	Limiting speeds ¹⁾	Reference speeds		
	Dc1	D1	Dc	d1	Dw	B1	B					a	Cr Dyn
mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	KN	KN	min ⁻¹	min ⁻¹
4	4	-	14	-	2	1	-	-	4.4	8	0.61	21000	11000
5	5	-	15	-	2	1	-	-	4.75	9.2	0.72	21000	9500
6	6	-	19	-	2	1	2.75	0.3	6.8	15.5	1.57	19000	8000
8	8	-	21	-	2	1	2.75	0.3	7.8	19.4	2.02	18000	6500
10	10	-	24	-	2	1	2.75	0.3	9.2	25.5	2.65	17000	5500
12	12	-	26	-	2	1	2.75	0.3	9.9	29	3.05	15000	4700
15	15	16	28	28	2	1	2.75	0.3	11.3	36	3.9	13000	3600
17	17	18	30	30	2	1	2.75	0.3	11.9	39.5	4.35	12000	3200
20	20	21	35	35	2	1	2.75	0.3	13.1	46.5	5.2	10000	3100
25	25	26	42	42	2	1	3	0.6	14.7	58	6.5	8500	2800
30	30	32	47	47	2	1	3	0.6	16.3	70	7.9	7500	2300
35	35	37	52	52	2	1	3.5	0.6	17.8	81	9.3	6500	2000
40	40	42	60	60	3	1	3.5	0.6	28	114	12.6	6000	1700
45	45	47	65	65	3	1	4	0.6	30	128	14.3	5000	1500
50	50	52	70	70	3	1	4	0.6	32	143	16	4800	1400
55	55	57	78	78	3	1	5	0.6	38	186	21.6	4300	1200
60	60	62	85	85	3	1	4.75	1	44.5	234	28.5	4000	1100
65	65	67	90	90	3	1	5.25	1	46.5	255	31	3700	1000
70	70	72	95	95	4	1	5.25	1	54	255	30	3500	1000
75	75	77	100	100	4	1	5.75	1	55	265	31.5	3300	950
80	80	82	105	105	4	1	5.75	1	56	280	33	3100	900
85	85	87	110	110	4	1	5.75	1	58	290	34.5	3000	850
90	90	92	120	120	4	1	6.5	1	73	405	50	2700	750
100	100	102	135	135	4	1	7	1	91	560	63	2500	650
110	110	112	145	145	4	1	7	1	97	620	69	2300	600
120	120	122	155	155	4	1	7	1	102	680	74	2100	550
130	130	132	170	170	5	1	9	1	133	840	84	1900	500
140	140	142	180	178	5	1	9.5	1	138	900	88	1800	480
150	150	152	190	188	5	1	9.5	1	143	960	92	1700	440
160	160	162	200	198	5	1	9.5	1	148	1020	97	1600	420

Axial need roller and cage assembly				Axial bearing washers			
Code HMEC	Mass ≈ g	Axial bearing washer Code HMEC	Mass ≈ g	Bearing washer Code HMEC	Housing locating washer Code HMEC	shaft locating washer Code HMEC	Mass ≈ g
AXK 0414 TN	0.7	AS 0414	1	-	-	-	-
AXK 0515 TN	0.8	AS 0515	1	-	-	-	-
AXK 0619 TN	1	AS 0619	2	LS 0619	-	-	4
AXK 0821 TN	2	AS 0821	2	LS 0821	-	-	4
AXK 1024	3	AS 1024	3	LS 1024	-	-	7
AXK 1226	3	AS 1226	3	LS 1226	-	-	8
AXK 1528	4	AS 1528	3	LS 1528	GS 81102	WS 81102	9
AXK 1730	4	AS 1730	4	LS 1730	GS 81103	WS 81103	9
AXK 2035	5	AS 2035	5	LS 2035	GS 81104	WS 81104	13
AXK 2542	7	AS 2542	7	LS 2542	GS 81105	WS 81105	19
AXK 3047	8	AS 3047	8	LS 3047	GS 81106	WS 81106	22
AXK 3552	10	AS 3552	9	LS 3552	GS 81107	WS 81107	29
AXK 4060	16	AS 4060	12	LS 4060	GS 81108	WS 81108	40
AXK 4565	18	AS 4565	13	LS 4565	GS 81109	WS 81109	50
AXK 5070	20	AS 5070	14	LS 5070	GS 81110	WS 81110	55
AXK 5578	28	AS 5578	18	LS 5578	GS 81111	WS 81111	88
AXK 6085	33	AS 6085	22	LS 6085	GS 81112	WS 81112	97
AXK 6590	35	AS 6590	24	LS 6590	GS 81113	WS 81113	115
AXK 7095	60	AS 7095	25	LS 7095	GS 81114	WS 81114	123
AXK 75100	61	AS 75100	27	LS 75100	GS 81115	WS 81115	142
AXK 80105	63	AS 80105	28	LS 80105	GS 81116	WS 81116	151
AXK 85110	67	AS 85110	29	LS 85110	GS 81117	WS 81117	159
AXK 90120	86	AS 90120	39	LS 90120	GS 81118	WS 81118	234
AXK 100135	104	AS 100135	50	LS 100135	GS 81120	WS 81120	350
AXK 110145	122	AS 110145	55	LS 110145	GS 81122	WS 81122	385
AXK 120155	131	AS 120155	59	LS 120155	GS 81124	WS 81124	415
AXK 130170	205	AS 130170	65	LS 130170	GS 81126	WS 81126	663
AXK 140180	219	AS 140180	79	LS 140180	GS 81128	WS 81128	749
AXK 150190	232	AS 150190	84	LS 150190	GS 81130	WS 81130	796
AXK 160200	246	AS 160200	89	LS 160200	GS 81132	WS 81132	842