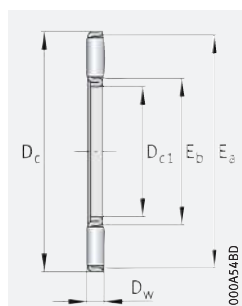
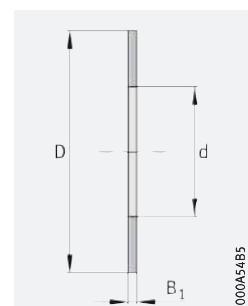




Axial-Nadelkränze Axiallagerscheiben



AXK

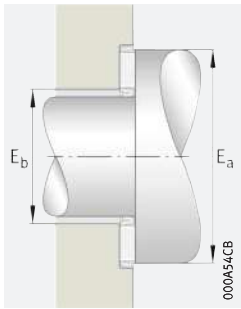


AS

$D_{c1} = 4 - 160 \text{ mm}$

Hauptabmessungen				Tragzahlen		Ermüdungs- grenz- belastung	Grenz- drehzahl	Bezugs- drehzahl
D_{c1} d	D_c D	D_w	B_1	dyn. C_a N	stat. C_{0a} N	C_{ua} N	n_G min ⁻¹	$n_{\theta r}$ min ⁻¹
4	14	2	1	4 400	8 000	940	21 500	15 100
5	15	2	1	4 750	9 200	1 070	20 600	13 100
6	19	2	1	6 800	15 500	1 580	18 900	11 000
8	21	2	1	7 800	19 400	1 970	17 800	8 900
10	24	2	1	9 200	25 500	2 500	16 900	7 400
12	26	2	1	9 900	29 000	2 850	15 200	6 500
15	28	2	1	11 300	36 000	3 600	13 200	4 950
17	30	2	1	11 900	39 500	3 950	12 100	4 500
20	35	2	1	13 100	46 500	4 750	10 500	4 350
25	42	2	1	14 700	58 000	5 900	8 400	3 700
30	47	2	1	16 300	70 000	7 100	7 300	3 100
35	52	2	1	17 800	81 000	8 300	6 500	2 700
40	60	3	1	28 000	114 000	11 800	5 600	2 340
45	65	3	1	30 000	128 000	13 300	5 100	2 100
50	70	3	1	32 000	143 000	14 800	4 700	1 890
55	78	3	1	38 000	186 000	20 300	4 250	1 730
60	85	3	1	44 500	234 000	26 500	3 900	1 550
65	90	3	1	46 500	255 000	28 500	3 650	1 430
70	95	4	1	54 000	255 000	26 500	3 450	1 400
75	100	4	1	55 000	265 000	28 000	3 250	1 340
80	105	4	1	56 000	280 000	29 500	3 100	1 260
85	110	4	1	58 000	290 000	30 500	2 950	1 200
90	120	4	1	73 000	405 000	44 500	2 700	1 100
100	135	4	1	91 000	560 000	58 000	2 420	970
110	145	4	1	97 000	620 000	63 000	2 230	880
120	155	4	1	102 000	680 000	68 000	2 070	800
130	170	5	1	133 000	840 000	75 000	1 900	750
140	180	5	1	138 000	900 000	79 000	1 780	700
150	190	5	1	143 000	960 000	82 000	1 680	660
160	200	5	1	148 000	1 020 000	86 000	1 590	620

medias ► <https://www.schaeffler.de/std/1D24>



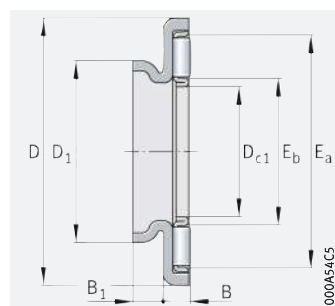
Anschlussmaße/Laufbahnmaße bei Direktlagerung



d D _{c1}	Axial-Nadelkränze		Axiallagerscheiben		Laufbahnmaße	
	Masse m ≈ g	Kurzzeichen ▶ 1093 1.12 ▶ 1094 1.13	Masse m ≈ g	Kurzzeichen ▶ 1093 1.12 ▶ 1094 1.13	E _b	E _a
4	0,7	AXK0414-TV	1	AS0414	5	13
5	0,8	AXK0515-TV	1	AS0515	6	14
6	1	AXK0619-TV	2	AS0619	7	18
8	2	AXK0821-TV	2	AS0821	9	20
10	3	AXK1024	3	AS1024	12	23
12	3	AXK1226	3	AS1226	14	25
15	4	AXK1528	3	AS1528	17	27
17	4	AXK1730	4	AS1730	19	29
20	5	AXK2035	5	AS2035	22	34
25	7	AXK2542	7	AS2542	29	41
30	8	AXK3047	8	AS3047	34	46
35	10	AXK3552	9	AS3552	39	51
40	16	AXK4060	12	AS4060	45	58
45	18	AXK4565	13	AS4565	50	63
50	20	AXK5070	14	AS5070	55	68
55	28	AXK5578	18	AS5578	60	76
60	33	AXK6085	22	AS6085	65	83
65	35	AXK6590	24	AS6590	70	88
70	60	AXK7095	25	AS7095	74	93
75	61	AXK75100	27	AS75100	79	98
80	63	AXK80105	28	AS80105	84	103
85	67	AXK85110	29	AS85110	89	108
90	86	AXK90120	39	AS90120	94	118
100	104	AXK100135	50	AS100135	105	133
110	122	AXK110145	55	AS110145	115	143
120	131	AXK120155	59	AS120155	125	153
130	205	AXK130170	65	AS130170	136	167
140	219	AXK140180	79	AS140180	146	177
150	232	AXK150190	84	AS150190	156	187
160	246	AXK160200	89	AS160200	166	197



Axial-Nadellager mit Zentrierbund



AXW

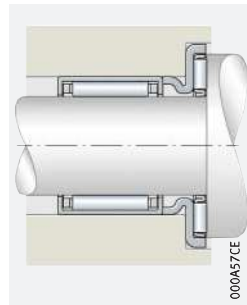
$D_{c1} = 10 - 50 \text{ mm}$

Hauptabmessungen			Tragzahlen		Ermüdungs- grenz- belastung C_{ua} N	Grenz- drehzahl n_G min^{-1}	Bezugs- drehzahl n_{gr} min^{-1}	Masse m $\approx \text{g}$	Kurz- zeichen ▶ 1093 1.12 ▶ 1094 1.13
D_{c1}	D	B	dyn. C_a N	stat. C_{0a} N					
10	27	3,2	9 200	25 500	2 500	16 900	9 300	8,3	AXW10
12	29	3,2	9 900	29 000	2 850	15 200	8 100	9,1	AXW12
15	31	3,2	11 300	36 000	3 600	13 200	6 200	10	AXW15
17	33	3,2	11 900	39 500	3 950	12 100	5 600	11	AXW17
20	38	3,2	13 100	46 500	4 750	10 500	5 300	14	AXW20
25	45	3,2	14 700	58 000	5 900	8 400	4 350	20	AXW25
30	50	3,2	16 300	70 000	7 100	7 300	3 650	22	AXW30
35	55	3,2	17 800	81 000	8 300	6 500	3 150	27	AXW35
40	63	4,2	28 000	114 000	11 800	5 600	2 700	39	AXW40
45	68	4,2	30 000	128 000	13 300	5 100	2 400	43	AXW45
50	73	4,2	32 000	143 000	14 800	4 700	2 160	49	AXW50

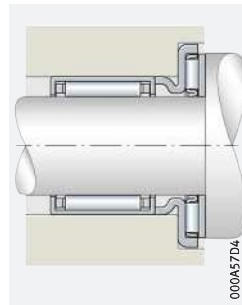
medias ▶ <https://www.schaeffler.de/std/1CB7>



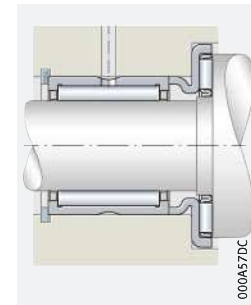
Kombination mit Radial-Nadellagern, Nadelhülsen, Nadelbüchsen



AXW mit HK



AXW mit AS und HK



AXW mit NK, NKS, RNA49, RNA69



Abmessungen			Laufbahnmaße		Axiallagerscheiben ▶ 1098	Nadelhülsen ▶ 874		Nadelbüchsen ▶ 874	Nadellager ▶ 902	
D_{c1}	D_1	B_1	E_b	E_a	AS	HK	HK..-RS	BK	NK, NKS, RNA49, RNA69	NKI, NKIS, NA49, NA69
10	14	3	12	23	AS1024	HK1010 HK1012 HK1015	–	BK1010 BK1012 BK1015	NK7/10-TV NK7/12-TV	–
12	16	3	14	25	AS1226	HK1210	–	BK1210	NK9/12-TV NK9/16-TV	NKI6/12-TV NKI6/16-TV
15	21	3,5	17	27	AS1528	HK1512 HK1516 HK1522-ZW	HK1514-RS	BK1512 BK1516	–	–
17	23	3,5	19	29	AS1730	HK1712	–	–	NK15/16 NK15/20	–
20	26	3,5	22	34	AS2035	HK2012 HK2016 HK2020 HK2030-ZW	HK2018-RS	BK2016 BK2020	NK18/16 NK18/20	–
25	32	4	29	41	AS2542	HK2512 HK2516 HK2520 HK2526 HK2538-ZW	HK2518-RS	BK2520 BK2526 BK2538-ZW	NK24/16 NK24/20 NKS20	NKI20/16 NKI20/20
30	37	4	34	46	AS3047	HK3012 HK3016 HK3020 HK3026 HK3038-ZW	HK3018-RS	BK3012 BK3016 BK3020 BK3026 BK3038-ZW	NK28/20 NK28/30 NKS24 RNA4904 RNA6904	NA4904 NA6904
35	42	4	39	51	AS3552	HK3512 HK3516 HK3520	HK3518-RS	BK3520	NK32/20-TV NK32/30 NKS28 RNA4905 RNA6905	NKIS20 NA4905 NA6905 NKI28/20-TV NKI28/30
40	47	4	45	58	AS4060	HK4012 HK4016 HK4020	HK4018-RS	BK4020	NK37/20 NK37/30 NKS32 RNA4906 RNA6906	NKIS25 NA4906 NA6906 NKI32/20 NKI32/30
45	52	4	50	63	AS4565	HK4516 HK4520	HK4518-RS	BK4520	NK42/20 NK42/30 NKS37 RNA49/32 RNA69/32-ZW	NKIS30 NA49/32 NA69/32-ZW
50	58	4,5	55	68	AS5070	HK5020 HK5025	HK5022-RS	–	NKS43	NKIS35