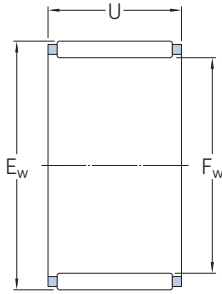


7.1 Needle roller and cage assemblies

F_w 32 – 100 mm



Principal dimensions			Basic load ratings		Fatigue load limit	Speed ratings		Mass	Designation	Associated radial shaft seals ¹⁾	
F _w	E _w	U	C	C ₀	P _u	Reference speed	Limiting speed			Single lip	Double lip
mm			kN		kN	r/min		g	–	–	
32	37	13	14,7	25,5	3	13 000	14 000	18	K 32x37x13	–	–
	37	17	19	35,5	4,25	13 000	14 000	19	K 32x37x17	–	–
	38	20	25,1	45	5,6	12 000	14 000	30	K 32x38x20	–	–
	40	25	35,8	58,5	7,2	12 000	14 000	49	K 32x40x25	–	–
35	40	13	15,4	28	3,25	12 000	13 000	19	K 35x40x13	–	–
	40	17	19,8	39	4,65	12 000	13 000	21	K 35x40x17	–	–
	40	27	23,8	49	6	12 000	13 000	39	K 35x40x27 TN	–	–
	42	16	23,3	37,5	4,5	11 000	13 000	34	K 35x42x16	G 35x42x4	SD 35x42x4
	42	18	26,4	44	5,3	11 000	13 000	34	K 35x42x18	G 35x42x4	SD 35x42x4
	45	20	35,2	50	6,2	11 000	12 000	56	K 35x45x20	G 35x45x4	SD 35x45x4
37	42	17	21,6	43	5,2	11 000	13 000	22	K 37x42x17	–	–
38	43	17	19,8	39	4,65	11 000	12 000	29	K 38x43x17	–	–
	46	32	52,3	100	12,5	10 000	12 000	76	K 38x46x32	–	–
40	45	17	20,5	41,5	5	10 000	12 000	31	K 40x45x17	–	–
	45	27	31,4	73,5	9	10 000	12 000	46	K 40x45x27	–	–
	48	20	34,7	58,5	7,35	10 000	11 000	49	► K 40x48x20	–	–
42	47	17	20,9	43	5,2	10 000	11 000	32	K 42x47x17	–	–
	50	20	33,6	57	7,1	9 500	11 000	53	K 42x50x20	–	–
43	48	17	20,9	43	5,2	9 500	11 000	30	K 43x48x17	–	–
45	50	17	21,6	46,5	5,6	9 000	10 000	34	K 45x50x17	–	–
	50	27	33	81,5	10	9 000	10 000	52	K 45x50x27	–	–
	53	28	49,5	98	12,2	9 000	10 000	81	K 45x53x28	–	–
47	52	17	22,4	49	6	9 000	10 000	35	K 47x52x17	–	–
50	55	20	25,5	60	7,2	8 500	9 500	43	► K 50x55x20	–	–
	55	30	37,4	98	12	8 500	9 500	65	K 50x55x30	–	–
	57	18	31,9	64	7,8	8 000	9 000	47	K 50x57x18	–	–
	58	25	41,8	81,5	10,2	8 000	9 000	90	K 50x58x25	G 50x58x4	SD 50x58x4
55	60	20	27	67	8,15	7 500	8 500	40	K 55x60x20	–	–
	60	30	39,6	108	13,4	7 500	8 500	71	K 55x60x30	–	–
	62	18	34,1	71	8,5	7 500	8 500	52	K 55x62x18	–	–
	63	32	59,4	129	16,3	7 500	8 500	102	K 55x63x32	G 55x63x5	–

► Popular item

¹⁾ For additional information → skf.com/seals

Principal dimensions			Basic load ratings		Fatigue load limit	Speed ratings		Mass	Designation	Associated radial shaft seals ¹⁾	
F _w	E _w	U	dynamic	static	P _u	Reference speed	Limiting speed			Single lip	Double lip
mm			C	C ₀	kN	r/min		g	–	–	
60	65 68	20 25	28,1 51,2	72 112	8,8 14	7 000 6 700	8 000 7 500	52 89	K 60x65x20 K 60x68x25	– –	– –
65	73	30	53,9	125	15,6	6 300	7 000	141	► K 65x73x30	–	–
70	76 78	20 30	34,1 57,2	86,5 137	10,6 17	6 000 6 000	6 700 6 700	71 148	K 70x76x20 K 70x78x30	– G 70x78x5	– –
75	83	23	47,3	110	13,7	5 300	6 300	124	K 75x83x23	–	–
80	88	30	68,2	176	22	5 000	6 000	138	K 80x88x30	–	–
85	92	20	42,9	108	13,2	4 800	5 600	102	K 85x92x20	–	–
90	97 98	20 30	42,9 64,4	114 173	13,7 21,6	4 500 4 500	5 300 5 300	109 172	K 90x97x20 K 90x98x30	– –	– –
95	103	30	66	180	22,8	4 300	5 000	165	K 95x103x30	–	–
100	108	27	55	143	17,6	4 000	4 800	185	K 100x108x27	–	–

