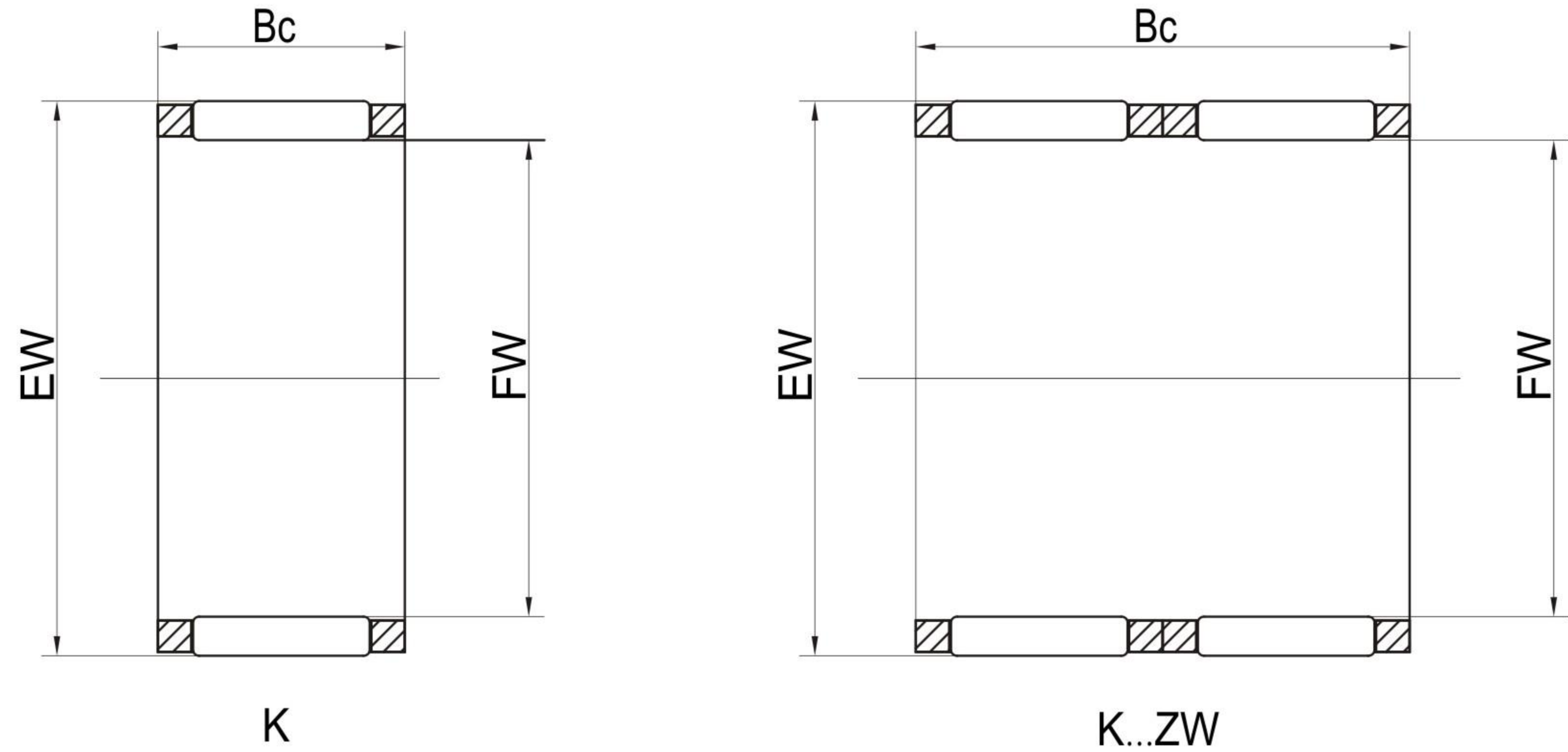


XH 向心滚针和保持架组件
Radial needle and cage assemblies

图示 Illustration



产品介绍:

XH向心滚针和保持架组件为独立的轴承元件，其中每个滚针由保持架精确地引导和保持。滚针外表面不仅采用了修形设计来消除使用过程中的边缘应力，而且采用了特殊的加工方法使端部各表面圆滑过渡，在最大程度上提高其运转性能及使用寿命。与轴承相配的轴颈表面和外壳孔表面直接作为轴承的内外滚动表面，其表面硬度一般为HRC58-64，表面淬硬层深度0.6-1mm，滚道表面粗糙Ra≤0.32um。

Product introduction:

XH radial needle and cage assemblies, as independent components, each needle is accurately guided and maintained by the cage. Modification design is applied to eliminate edge stress of the surface in the process, also special processing methods used to ensure smooth transition from both ends, and improve operation performance and service life to the maximum extent. Surface of matched shaft journal and housing bore are used as internal and external rolling surfaces of bearing, of which surface hardness is usually around HRC58-64, hardened case depth 0.6-1mm, surface roughness of raceways Ra≤0.32um.

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
12	12	15	10	4.9	6.7	16000	24000	K 12x15x10	3
	12	15	13	6.4	9.5	16000	24000	K 12x15x13	3.6
	12	15	17	7.7	10.5	16000	24000	K 12x15x16.6	4
	12	16	13	7.5	9.7	16000	24000	K 12x16x13	4.5
	12	17	10	7.3	9.0	16000	24000	K 12x17x10	4.2
	12	17	13	9.6	10.4	16000	24000	K 12x17x13	4.4
14	14	18	17	10.8	16.0	15000	22000	K 14x18x17	8.1
	14	18	20.5	10.0	12.8	15000	22000	K 14x18x20.5D	13.1
15	15	20	13	8.8	10.8	14000	20000	K 15x20x13.5	8.9
	15	20	16	12.1	14.5	14000	20000	K 15x20x16	9.7
	15	20	20	14.2	17.9	14000	20000	K 15x20x20	10.1
	15	21	15	14.3	16.4	14000	20000	K 15x21x15	13
	15	21	19	16.3	19.1	14000	20000	K 15x21x19	14.2
	15	21	20	15.2	17.4	14000	20000	K 15x21x20D	14.5
	15	21	21	19.4	24.3	14000	20000	K 15x21x21	18.2
	15	22	16	14.6	14.7	14000	20000	K 15x22x16	13.7
	15	22	19	18.1	19.7	14000	20000	K 15x22x19	18.6
16	15	22	22	19.8	22.2	14000	20000	K 15x22x22	20
	16	20	25	13.8	20.1	13000	19000	K 16x20x25	13.2
	16	21	22	16.5	22.0	13000	19000	K 16x21x22	14.7
	16	22	17	13.5	17.2	13000	19000	K 16x22x17	13.8
	16	23	14	13.3	13.6	13000	19000	K 16x23x14	13.8
	16	24	20	21.4	23.5	13000	19000	K 16x24x20	24.9

向心滚针和保持架组件 XH
Radial needle and cage assemblies

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight W≈g	
	Fw	Ew	Bc	Cr	Cor	min-1				
17	17	21	17	12.0	19.8	12000	18000	K 17x21x17	9.5	
	17	23	19	17.3	21.3	12000	18000	K 17x23x19	16.8	
	17.5	22	15.7	10.9	14.1	11000	17000	K 17.5x22x15.7	15	
	17.5	22	16	11.0	14.4	11000	17000	K 17.5x22x16	15.3	
	17.5	25.5	17	19.0	20.2	11000	17000	K 17.5x25.5x17	22.5	
18	18	23	17	14.2	18.7	11000	17000	K 18x23x17	12	
	18	23	20	15.7	21.3	11000	17000	K 18x23x20	14	
	18	24	20	20.2	27.0	11000	17000	K 18x24x20	19	
19	18	25	16	16.5	18.3	11000	17000	K 18x25x16	17.7	
	19	23	13	9.5	13.5	11000	17000	K 19x23x13	8.2	
	19	23	17	12.5	19.2	11000	17000	K 19x25x17	11.1	
	19	25	16	14.5	17.5	11000	17000	K 19x25x16	15.4	
20	20	24	13	9.8	14.3	10000	16000	K 20x24x13	8.9	
	20	24	17	12.9	20.4	10000	16000	K 20x25x17	11.2	
	20	25	20	17.2	24.7	10000	16000	K 20x25x20	16.2	
	20	25	22	17.2	24.7	10000	16000	K 20x25x22	17	
	20	25	23	18.8	27.8	10000	16000	K 20x25x23	18.2	
	20	25	25	20.5	31.0	10000	16000	K 20x25x25	19.9	
	20	25	26	21.5	33.0	10000	16000	K 20x25x26	20.3	
	20	26	17	19.2	26.0	10000	16000	K 20x26x17	18.2	
	20	26	20	21.1	29.0	10000	16000	K 20x26x20	22	
	20	26	20	21.1	29.0	10000	16000	K 20x26x20TN	15	
	20	26	23.5	23.0	31.8	10000	16000	K 20x26x23.5	23	
	20	28	19	22.6	26.0	10000	16000	K 20x28x19	25.8	
	20	28	20	23.9	28.5	10000	16000	K 20x28x20	26.8	
	20	28	40	38.2	51.0	10000	16000	K 20x28x40ZWTN	35.4	
	20	30	32	36.5	31.5	10000	16000	K 20x30x32ZWTN	52.4	
21	20	32	21	27.0	25.7	10000	16000	K 20x32x21	45	
	20	32	32.5	41.1	45.6	10000	16000	K 20x32x32.5	67	
	21	25	6	4.9	5.8	10000	16000	K 21x25x6DTN	2.4	
	21	29	42.5	43.5	62.0	10000	16000	K 21x29x42.5ZWTN	46	
	21	32	18	26.3	26.4	10000	16000	K 21x32x18	35.8	
	22	22	26	17	13.7	22.7	9500	15000	K 22x26x17	12.1
		22	27	24	23.0	37.0	9500	15000	K 22x27x24	26.7
		22	27	31.5	24.7	40.4	9500	15000	K 22x27x31.5ZW	35
22		28	17	19.4	27.0	9500	15000	K 22x28x17	19.7	
22		28	20	20.1	27.5	9500	15000	K 22x28x20	20.8	
22		28	23	22.1	31.0	9500	15000	K 22x28x23	24	
22		29	32	33.4	48.0	9500	15000	K 22x29x32	41.7	
22		29	35	35.3	51.5	9500	15000	K 22x29x35	46.5	
22		30	15	17.6	19.3	9500	15000	K 22x30x15	14.4	
22		30	16	17.7	19.3	9500	15000	K 22x30x16	16	
22		30	17	27.6	34.5	9500	15000	K 22x30x17	23	
22		30	20	22.2	25.9	9500	15000	K 22x30x20	30	
22		30	24	31.2	40.3	9500	15000	K 22x30x24	36	
22		30	25	30.0	38.3	9500	15000	K 22x30x25	37	
22		32	24	31.2	35.1	9500	15000	K 22x32x24	47	
23	22	32	31	41.6	50.9	9500	15000	K 22x32x31	63	
	22	32	37	46.6	58.8	9500	15000	K 22x32x37	68	
	23	35	16	16.0	22.6	9500	15000	K 23x35x16TN	32.5	
	23	36	24.7	37.9	39.1	9500	15000	K 23x36x24.7	63	
	23	38	20	38.5	37.3	9500	15000	K 23x38x20	69	
24	24	28	17	15.1	25.8	9000	14000	K 24x28x17TN	9.52	
	24	30	17	20.5	29.0	9000	14000	K 24x30x17	20	
	24	30	31	30.0	47.1	9500	15000	K 24x30x31ZW	33.7	
	24	36	23	38.3	41.8	9000	14000	K 24x36x23	65.7	
25	25	29	10	9.9	15.4	9000	14000	K 25x29x10	8.3	
	25	29	13	11.3	18.4	9000	14000	K 25x29x13	10.4	
	25	29	20	13.8	23.6	9000	14000	K 25x29x20	25.4	
	25	29	30	21.2	40.4	9000	14000	K 25x29x30ZWTN	15.7	

XH 向心滚针和保持架组件
Radial needle and cage assemblies

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
25	25	30	13	13.1	18.6	9000	14000	K 25x30x13	12.3
	25	30	20	21.7	36.5	9000	14000	K 25x30x20	20.5
	25	30	21.5	20.8	33.8	9000	14000	K 25x30x21.5	22
	25	30	24	22.6	37.6	9000	14000	K 25x30x24	22.8
	25	30	24	21.7	35.6	9000	14000	K 25x30x24DTN	17.2
	25	30	25	22.6	37.6	9000	14000	K 25x30x25	23
	25	30	26	22.6	37.6	9000	14000	K 25x30x26	23.5
	25	30	27	26.1	45.2	9000	14000	K 25x30x27	24
	25	30	28	24.3	41.4	9000	14000	K 25x30x28	24.2
	25	30	30	26.1	45.2	9000	14000	K 25x30x30	25
	25	30	43.5	34.3	64.1	9000	14000	K 25x30x43.5ZW	55.8
	25	30	44	34.3	64.1	9000	14000	K 25x30x44ZW	56
	25	31	15	16.1	21.6	9000	14000	K 25x31x15	17.4
	25	31	20	21.6	31.6	9000	14000	K 25x31x20	23.4
	25	31	22	20.7	29.4	9000	14000	K 25x31x22D	26.8
	25	31	25	25.7	29.7	9000	14000	K 25x31x25	28.3
	25	31	30	29.7	47.7	9000	14000	K 25x31x30	33.9
	25	31	33	33.5	55.7	9000	14000	K 25x31x33	35
	25	32	20	23.8	32.0	9000	14000	K 25x32x20	25.3
	25	32	24	28.3	40.1	9000	14000	K 25x32x24	26
	25	32	27	30.5	44.1	9000	14000	K 25x32x27	28.6
	25	33	20	29.2	38.2	9000	14000	K 25x33x20	32
	25	33	24	34.3	47.3	9000	14000	K 25x33x24	38.7
	25	33	25	34.5	47.3	9000	14000	K 25x33x25	42
	25	33	30	36.0	47.0	9000	14000	K 25x33x30	47
25	35	24	33.2	39.2	9000	14000	K 25x35x24	56.2	
25	35	25	39.8	49.6	9000	14000	K 25x35x25	59.5	
25	35	35.5	49.6	65.6	9000	14000	K 25x35x35.5	78.5	
25	37	24	35.3	37.9	9000	14000	K 25x37x24	60.9	
26	26	30	28.5	21.9	42.8	9000	14000	K 26x30x28.5	37.3
	26	30	31	21.7	42.4	9000	14000	K 26x30x31ZWDTN	16
	26	33	34	34.5	52.4	9000	14000	K 26x33x34ZWD	33
	26	36	12	22.7	24.4	9000	14000	K 26x36x12	45
	26	38	27	47.6	56.2	9000	14000	K 26x38x27	68
27	27	32	27	25.8	40.1	8500	13000	K 27x32x27	27.3
	27	32	51	36.5	71.7	8500	13000	K 27x32x51ZWD	50.2
	27	33	22	24.7	38.1	8500	13000	K 27x33x22	27.4
	27	33	24	26.8	42.3	8500	13000	K 27x33x24	28.2
	27	33	28	30.0	48.8	8500	1300	K 27x33x28	35
	27	40	31	51.4	59.4	8500	13000	K 27x40x31	95.1
27	40	43	66.3	82.5	8500	13000	K 27x40x43	127.9	
28	28	32	24	18.5	35.1	8500	13000	K 28x32x24	33.8
	28	32	30	19.8	39.0	8500	13000	K 28x32x30ZWD	39.9
	28	33	14	13.4	19.8	8500	13000	K 28x33x14	9.9
	28	33	17	19.7	33.5	8500	13000	K 28x33x17	19.5
	28	33	19	20.0	33.5	8500	13000	K 28x33x19	19.8
	28	33	22	22.0	37.7	8500	13000	K 28x33x22	20.5
	28	33	24	24.0	42.0	8500	13000	K 28x33x24	22.3
	28	33	24	24.0	42.0	8500	13000	K 28x33x24DTN	17.7
	28	33	25	24.0	42.0	8500	13000	K 28x33x25	25.6
	28	33	25	24.0	42.0	8500	13000	K 28x33x25DTN	18.6
	28	33	27	23.3	41.0	8500	13000	K 28x33x27	27.8
	28	34	20	23.4	35.8	8500	13000	K 28x34x20	25.9
	28	34	23	27.5	44.9	8500	13000	K 28x34x23TN	25
	28	34	32	33.8	58.4	8500	13000	K 28x34x32	55
	28	34	35	37.8	67.5	8500	13000	K 28x34x35	61.5
	28	35	18	24.0	34.0	8500	13000	K 28x35x18	31
	28	35	18.5	22.2	30.2	8500	13000	K 28x35x18.5	28
	28	35	20	24.7	34.6	8500	13000	K 28x35x20	30.7
	28	35	20	22.9	31.3	8500	13000	K 28x35x20D	31

向心滚针和保持架组件 XH
Radial needle and cage assemblies

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
28	28	35	25	29.4	43.3	8500	13000	K 28x35x25	33.6
	28	35	32.5	36.2	56.5	8500	13000	K 28x35x32.5	47.8
	28	35	36	46.5	78.4	8500	13000	K 28x35x36	52
	28	35	40	43.5	71.8	8500	13000	K 28x35x40	57.2
	28	35	44.8	44.0	72.9	8500	13000	K 28x35x44.8ZW	72
	28	36	21	29.0	38.9	8500	13000	K 28x36x21	38.3
	28	36	25	34.3	48.7	8500	13000	K 28x36x25	40.2
	28	36	30	35.8	51.3	8500	13000	K 28x36x30D	57
	28	36	46	30.0	40.5	8500	13000	K 28x36x46ZW	82.4
	28	38	17	27.2	31.1	8500	13000	K 28x38x17	40
	28	40	27	50.7	62.1	8500	13000	K 28x40x27	75
	28	41	25	53.8	64.3	8500	13000	K 28x41x25TN	79.1
28	44	31	70.4	80.7	8500	13000	K 28x44x31	140	
29	29	34	20.9	17.5	28.8	8500	13000	K 29x34x20.9TN	14
	29	35	19	20.8	31.3	8500	13000	K 29x35x19	25
	29	35	23	25.3	40.4	8500	13000	K 29x35x23	30.5
	29	35	29	31.8	54.1	8500	13000	K 29x35x29	33
	29	36	14.5	17.0	21.5	8500	13000	K 29x36x14.5DTN	15.5
30	30	34	17	13.5	24.5	8000	12000	K 30x34x17DTN	9.4
	30	34	28	24.4	53.0	8000	12000	K 30x34x28ZWDTN	19.5
	30	34	32.5	24.8	52.8	8000	12000	K 30x34x32.5ZW	48.9
	30	34	34	25.5	54.9	8000	12000	K 30x34x34ZWD	51.2
	30	35	13	14.4	22.9	8000	12000	K 30x35x13TN	11.2
	30	35	16	16.1	26.3	8000	12000	K 30x35x16	20
	30	35	17	19.6	34.0	8000	12000	K 30x35x17	21.3
	30	35	20	21.3	36.9	8000	12000	K 30x35x20	23
	30	35	20	24.1	44.4	8000	12000	K 30x35x20TN	18
	30	35	23	26.0	47.7	8000	12000	K 30x35x23TN	21.6
	30	35	24	24.2	44.2	8000	12000	K 30x35x24	25.8
	30	35	24	24.2	44.2	8000	12000	K 30x35x24DTN	20.6
	30	35	25	24.2	44.2	8000	12000	K 30x35x25	26.3
	30	35	25	23.4	42.2	8000	12000	K 30x35x25DTN	22
	30	35	27	27.8	43.1	8000	12000	K 30x35x27	33.3
	30	35	30	24.1	43.8	8000	12000	K 30x35x30ZWD	32
	30	35	31	24.0	43.8	8000	12000	K 30x35x31ZW	34
	30	35	38	33.8	67.8	8000	12000	K 30x35x38DTN	32.3
	30	36	25	28.5	47.5	8000	12000	K 30x36x25	34.4
	30	36	35	39.3	71.5	8000	12000	K 30x36x35	48.4
	30	37	16	23.1	33.5	8000	12000	K 30x37x16	26.4
	30	37	20	26.9	39.4	8000	12000	K 30x37x20	32.1
	30	37	24	30.4	46.4	8000	12000	K 30x37x24	35
	30	37	27	32.7	51.1	8000	12000	K 30x37x27	40
	30	38	25	34.0	49.2	8000	12000	K 30x38x25	40.8
	30	38	30	45.0	70.7	8000	12000	K 30x38x30	42
30	40	20	33.6	41.7	8000	12000	K 30x40x20	52.7	
30	40	23	37.0	47.0	8000	12000	K 30x40x23	57	
30	40	24	37.0	47.0	8000	12000	K 30x40x24	60	
30	40	25	40.2	52.3	8000	12000	K 30x40x25	64	
30	40	27	43.2	57.5	8000	12000	K 30x40x27	75	
30	40	30	50.8	70.8	8000	12000	K 30x40x30	78	
30	40	32	49.2	68.1	8000	12000	K 30x40x32	80.6	
30	42	25	43.9	52.3	8000	12000	K 30x42x25	82	
30	42	32	53.9	68.1	8000	12000	K 30x42x32	93	
31	31	35	25	20.0	40.0	7500	11000	K 31x35x25ZWDTN	17
	31	36	19.5	19.5	33.1	7500	11000	K 31x36x19.5DTN	14
	31	36	20.3	20.6	36.1	7500	11000	K 31x36x20.3DTN	14.5
32	32	36	6	8.1	12.5	7500	11000	K 32x36x6DTN	4
	32	37	13	15.5	25.5	7500	11000	K 32x37x13	18.3
	32	37	17	19.9	35.5	7500	11000	K 32x37x17	22.4
	32	37	23	24.4	45.4	7500	11000	K 32x37x23	27.2

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轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
32	32	37	24.7	27.3	52.1	7500	11000	K 32x37x25	29.2
	32	37	25	27.3	52.1	7500	11000	K 32x37x25D	28.8
	32	37	25	26.6	50.5	7500	11000	K 32x37x25DTN	22
	32	37	26	28.7	55.6	7500	11000	K 32x37x26DTN	24
	32	37	27	28.8	55.6	7500	11000	K 32x37x27	36.7
	32	37	27	30.5	60.0	7500	11000	K 32x37x27DTN	25.2
	32	37	28	30.7	60.7	7500	11000	K 32x37x28DTN	37.2
	32	37	30	29.7	58.3	7500	11000	K 32x37x30D	36.5
	32	37	31	30.7	60.7	7500	11000	K 32x37x31	37
	32	37	33.5	32.7	67.8	7500	11000	K 32x37x33.5	37.3
	32	37	35.5	32.7	67.8	7500	11000	K 32x37x35.5	38.4
	32	37	36	32.5	64.8	7500	11000	K 32x37x36ZWDTN	29.7
	32	38	22	26.8	45.1	7500	11000	K 32x38x22	33.1
	32	39	35	45.3	78.6	7500	11000	K 32x39x35	60.4
	32	40	20	29.9	42.0	7500	11000	K 32x40x20	41.4
	32	40	25	37.5	58.0	7500	11000	K 32x40x25	54
	32	44	28	50.1	63.0	7500	11000	K 32x44x28	89
33	32	45	51	82.2	113.5	7500	11000	K 32x45x51	102
	32	46	32	67.5	84.3	7500	11000	K 32x46x32	131.4
	32	46	40	75.0	96.4	7500	11000	K 32x46x40	150.6
	32	46	40	73.9	103.8	7500	11000	K 32x46x41ZWTN	138.8
	32	48	19	50.7	54.2	7500	11000	K 32x48x19	129
	33	37	20	16.1	32.0	7500	11000	K 33x37x20	38
	33	37	22	20.1	42.1	7500	11000	K 33x37x22DTN	14.9
	33	37	26	18.9	39.0	7500	11000	K 33x37x26ZWDTN	18
34	33	37	27	21.3	45.0	7500	11000	K 33x37x27	44.5
	33	38	24	24.1	44.5	7500	11000	K 33x38x24DTN	21.3
	33	38	36	34.0	71.0	7500	11000	K 33x38x36ZWTN	33.8
	33	38	36	34.0	71.0	7500	11000	K 33x38x36ZWDTN	32
	33	38	38	37.0	77.5	7500	11000	K 33x38x38ZWD	61.7
	34	38	32	25.8	57.2	7500	11000	K 34x38x32ZWDTN	20
	34	38	36	31.0	74.0	7500	11000	K 34x38x36ZWDTN	27.4
	34	39	20	20.4	36.4	7500	11000	K 34x39x20DTN	12
	34	39	23	25.4	48.2	7500	11000	K 34x39x23DTN	20.8
	34	39	23	24.3	45.6	7500	11000	K 34x39x23TN	21.5
34	39	24	24.6	46.2	7500	11000	K 34x39x24D	36	
34	39	24	24.6	50.7	7500	11000	K 34x39x24DTN	35.2	
34	39	28	28.5	55.8	7500	11000	K 34x39x28DTN	38	
35	35	39	24	21.6	46.2	7000	10000	K 35x39x24	41
	35	39	25.5	21.1	44.9	7000	10000	K 35x39x25.5ZWTN	17.2
	35	39	34	22.8	49.1	7000	10000	K 35x39x34ZW	60.3
	35	40	12.8	16.6	28.2	7000	10000	K 35x40x12.8TN	12.9
	35	40	13	16.2	28.0	7000	10000	K 35x40x13	18.8
	35	40	20	22.3	42.1	7000	10000	K 35x40x20	26.2
	35	40	21	22.8	42.2	7000	10000	K 35x40x21DTN	27.3
	35	40	22	25.0	47.5	7000	10000	K 35x40x22	28
	35	40	23	24.5	47.5	7000	10000	K 35x40x23	28.6
	35	40	24	28.5	57.5	7000	10000	K 35x40x24D	41.7
	35	40	24	28.5	57.6	7000	10000	K 35x40x24TN	25.9
	35	40	24	28.7	56.9	7000	10000	K 35x40x24DTN	25.7
	35	40	25	28.7	56.9	7000	10000	K 35x40x25DTN	25
	35	40	25.5	26.6	52.8	7000	10000	K 35x40x25.5	21
	35	40	27	25.0	48.5	7000	10000	K 35x40x27	23.4
	35	40	27	29.7	60.9	7000	10000	K 35x40x27TN	27.8
	35	40	28	28.7	58.2	7000	10000	K 35x40x28	24.3
	35	40	29	32.4	66.2	7000	10000	K 35x40x29	39
	35	40	30	29.0	57.7	7000	10000	K 35x40x30ZW	57.7
	35	40	30	26.9	52.3	7000	10000	K 35x40x30ZWDTN	31.3
	35	40	32.7	30.8	63.6	7000	10000	K 35x40x32.7	56.9
	35	40	36	35.1	73.7	7000	10000	K 35x40x36ZWDTN	34.5

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轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
35	35	41	25	30.4	55.3	7000	10000	K 35x41x25	39.5
	35	42	18	27.5	43.0	7000	10000	K 35x42x18	39.2
	35	42	20	29.4	46.4	7000	10000	K 35x42x20	44
	35	42	25	33.7	55.4	7000	10000	K 35x42x25	54.6
	35	42	25	35.0	58.2	7000	10000	K 35x42x25DTN	37.8
	35	42	30	39.0	68.0	7000	10000	K 35x42x30	62.4
	35	43	20	30.7	44.9	7000	10000	K 35x43x20	53.3
	35	45	34	47.1	78.3	7000	10000	K 35x43x34ZW	72.8
	35	45	20	38.4	51.7	7000	10000	K 35x45x20	61.8
	35	45	25	43.9	61.0	7000	10000	K 35x45x25	66.7
	35	45	33.5	56.9	85.6	7000	10000	K 35x45x33.5	97
	35	45	35	60.0	91.8	7000	10000	K 35x45x35	102.3
	35	45	40	66.2	104.1	7000	10000	K 35x45x40	113
35	45	43	65.9	103.5	7000	10000	K 35x45x43ZW	103.6	
36	36	40	31	21.7	47.2	7000	10000	K 36x40x31ZW	56.3
	36	41	30.5	33.2	69.0	7000	9500	K 36x41x30.5	36
	36	42	26.5	32.8	61.1	7000	9500	K 36x42x26.5	41.4
	36	44	20	33.5	50.6	7000	9500	K 36x44x20	49
	36	46	27	50.4	73.6	7000	9500	K 36x46x27	69.7
	36	48	37.5	70.5	100.7	7000	9500	K 36x48x37.5	118.9
37	37	42	24	26.8	53.0	6700	9500	K 37x42x24DTN	49
	37	42	25.5	29.0	59.0	6700	9500	K 37x42x25.5DTN	50
	37	42	27.5	27.9	56.5	6700	9500	K 37x42x27.5ZWD	52
	37	42	28	28.7	57.9	6700	9500	K 37x42x28ZWDTN	27.4
	37	42	30	30.5	63.2	6700	9500	K 37x42x30ZW	55
	37	42	30	30.7	63.2	6700	9500	K 37x42x30ZWDTN	29.8
	37	42	31	34.5	74.4	6700	9500	K 37x42x31	41.7
	37	42	31.5	32.2	68.1	6700	9500	K 37x42x31.5ZWD	30.2
	37	43	47	36.0	69.2	6700	9500	K 37x43x47ZW	60
	37	44	30	39.6	70.3	6700	9500	K 37x44x30DTN	48
37	44	36	46.1	85.4	6700	9500	K 37x44x36ZWTN	54.7	
38	38	42	28	23.0	51.3	6700	9500	K 38x42x28ZWDTN	20
	38	43	17	20.5	38.5	6700	9500	K 38x43x17	26.1
	38	43	22	26.0	51.4	6700	9500	K 38x43x22	29.6
	38	43	25	30.2	62.3	6700	9500	K 38x43x25TN	28.2
	38	43	26	31.3	65.2	6700	9500	K 38x43x26	35
	38	43	27	32.4	68.2	6700	9500	K 38x43x27TN	29
	38	43	29.5	31.1	64.7	6700	9500	K 38x43x29.5ZWDTN	30.1
	38	43	31.5	36.5	80.2	6700	9500	K 38x43x31.5DTN	35.8
	38	43	35.5	38.6	86.1	6700	9500	K 38x43x35.5	47
	38	43	39.5	38.5	84.8	6700	9500	K 38x43x39.5ZW	74.6
	38	44	21	27.2	48.3	6700	9500	K 38x44x21	34.6
	38	44	26	35.1	66.7	6700	9500	K 38x44x26DTN	36.2
	38	44	27	33.8	64.0	6700	9500	K 38x44x27	45.3
	38	44	29.5	37.3	72.6	6700	9500	K 38x44x29.5DTN	38
	38	45	30	41.1	73.8	6700	9500	K 38x45x30	58.6
	38	46	23.5	35.9	56.7	6700	9500	K 38x46x23.5	54.5
	38	46	26	37.5	59.9	6700	9500	K 38x46x26	57.3
	38	46	31.5	46.1	78.1	6700	9500	K 38x46x31.5	71
	38	48	28	48.7	72.0	6700	9500	K 38x48x28	85.2
	38	50	40	77.3	115.6	6700	9500	K 38x50x40	134.9
39	38	52	30	63.3	80.5	6700	9500	K 38x52x30	118.2
	38	52	49	103.5	152.2	6700	9500	K 38x52x49	205
	38	54	30	73.4	90.0	6700	9500	K 38x54x30	142.2
	38	54	32	78.1	97.5	6700	9500	K 38x54x32	156.5
	39	44	21	23.6	45.7	6700	9500	K 39x44x21	27.8
	39	44	21.5	23.6	45.7	6700	9500	K 39x44x21.5	28.1
	39	44	24	28.1	57.3	6700	9500	K 39x44x24DTN	25.4
	39	44	28	30.5	63.6	6700	9500	K 39x44x28	39.1
	39	44	40	38.4	84.9	6700	9500	K 39x44x40ZW	62

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轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
39	39	46	44.5	56.1	110.1	6700	9500	K 39x46x44.5ZW	95.3
	40	44	34.5	25.5	59.3	6300	9000	K 40x44x34.5ZW	69.4
40	40	45	21	24.7	49.1	6300	9000	K 40x45x21TN	21
	40	45	21	24.7	49.1	6300	9000	K 40x45x21DTN	19
	40	45	23	26.2	52.6	6300	9000	K 40x45x23	34
	40	45	26	28.6	61.5	6300	9000	K 40x45x26	36.8
	40	45	26	31.8	67.7	6300	9000	K 40x45x26DTN	28.3
	40	45	27	31.8	67.7	6300	9000	K 40x45x27DTN	30.8
	40	45	27	30.0	62.9	6300	9000	K 40x45x27ZWDTN	29.2
	40	45	28	30.8	67.7	6300	9000	K 40x45x28	39.5
	40	45	28	33.0	93.7	6300	9000	K 40x45x28TN	33.2
	40	45	30	33.0	73.9	6300	9000	K 40x45x30TN	34
	40	45	30	29.5	63.5	6300	9000	K 40x45x30ZWDTN	31.9
	40	45	35	38.4	89.5	6300	9000	K 40x45x35	49.8
	40	45	37	41.4	98.8	6300	9000	K 40x45x37	52.7
	40	45	38	43.3	101.1	6300	9000	K 40x45x38ZW	70
	40	45	40	39.1	91.6	6300	9000	K 40x45x40ZW	79.2
	40	45	44.5	41.7	99.5	6300	9000	K 40x45x44.5ZWTN	41.8
	40	46	19	27.9	50.4	6300	9000	K 40x46x19	34.6
	40	46	22	30.6	56.8	6300	9000	K 40x46x22	39.5
	40	46	29	39.7	79.2	6300	9000	K 40x46x29DTN	42.8
	40	46	39	48.1	101.5	6300	9000	K 40x46x39	67.8
	40	48	35	55.0	98.0	6300	9000	K 40x48x35	86
	40	52	27	55.0	75.1	6300	9000	K 40x52x27	94.5
	40	52	30	58.9	82.0	6300	9000	K 40x52x30	98.9
	40	54	28	58.7	74.3	6300	9000	K 40x54x28	113.2
	40	54	44	83.0	115.2	6300	9000	K 40x54x44	170.9
	40	54	50	94.3	135.6	6300	9000	K 40x54x50	198.2
41	41	47	24	28.6	53.6	6300	9000	K 41x47x24D	53.5
	41	47	28	38.2	78.1	6300	9000	K 41x47x28DTN	41.4
42	42	47	26	34.1	76.2	6000	8500	K 42x47x26DTN	32.2
	42	47	27	32.2	70.2	6000	8500	K 42x47x27ZW	62
	42	47	28	35.3	79.1	6000	8500	K 42x47x28DTN	36
	42	47	34	37.4	85.1	6000	8500	K 42x47x34ZW	72
	42	48	27	35.0	69.8	6000	8500	K 42x48x27DTN	30.2
	42	49	18	28.4	47.1	6000	8500	K 42x49x18	40.2
	42	49	35.5	50.9	101.7	6000	8500	K 42x49x35.5	76.2
	42	50	51	68.0	133.7	6000	8500	K 42x50x51ZW	129.6
	42	54	42	84.6	132.3	6000	8500	K 42x54x42	150
	42	58	31	82.0	106.4	6000	8500	K 42x58x31TN	160.6
43	43	48	23	29.8	63.8	6000	8500	K 43x48x23	37
	43	48	31	37.5	85.8	6000	8500	K 43x48x31	47.8
	43	48	31	33.5	76.0	6000	8500	K 43x48x31ZWTN	36
	43	48	38	37.6	86.1	6000	8500	K 43x48x38ZWDTN	42
	43	48	39	41.8	98.6	6000	8500	K 43x48x39ZWD	86.5
	43	48	45	48.1	118.4	6000	8500	K 43x48x45ZW	94.9
	43	49	24	34.2	68.4	6000	8500	K 43x49x24	62.2
	43	49	24	32.4	63.5	6000	8500	K 43x49x24D	40
	43	49	24	29.8	57.1	6000	8500	K 43x49x24DTN	32.9
	43	49	28	36.9	75.3	6000	8500	K 43x49x28	65
	43	50	33	48.2	95.0	6000	8500	K 43x50x33	70
	43	51	31	52.0	95.0	6000	8500	K 43x51x31	82
44	44	49	38	41.3	99.3	5600	8000	K 44x49x38	55.6
	44	50	37	47.3	100.0	5600	8000	K 44x50x37ZW	80.4
	44	50	39	47.5	103.1	5600	8000	K 44x50x39	71.2
	44	50	45	54.0	123.2	5600	8000	K 44x50x45ZW	97.8
45	45	50	21	26.0	54.3	5600	8000	K 45x50x21	32.2
	45	50	23	28.2	61.2	5600	8000	K 45x50x23	35
	45	50	25	32.9	73.7	5600	8000	K 45x50x25DTN	20
	45	50	27	32.6	72.7	5600	8000	K 45x50x27D	52

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轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
45	45	50	27	35.0	80.8	5600	8000	K 45x50x27TN	35.9
	45	50	27	30.7	67.4	5600	8000	K 45x50x27ZW	59.4
	45	50	27	32.1	71.5	5600	8000	K 45x50x27ZWTN	33
	45	50	28	33.0	75.0	5600	8000	K 45x50x28	43.8
	45	50	29	35.4	81.8	5600	8000	K 45x50x29	54
	45	50	30	35.5	81.2	5600	8000	K 45x50x30ZWDTN	37.1
	45	50	32	40.6	96.8	5600	8000	K 45x50x32	56
	45	50	32	39.0	92.7	5600	8000	K 45x50x32TN	38.5
	45	50	32	36.6	84.6	5600	8000	K 45x50x32ZWDTN	39
	45	50	34	40.3	95.6	5600	8000	K 45x50x34	53.5
	45	50	36	42.5	102.5	5600	8000	K 45x50x36	56
	45	50	37	42.4	105.4	5600	8000	K 45x50x37ZWDTN	47.3
	45	50	38	42.3	101.8	5600	8000	K 45x50x38ZW	68
	45	50	40	42.5	102.1	5600	8000	K 45x50x40ZW	73.4
	45	50	40	42.5	102.1	5600	8000	K 45x50x40ZWD	71
	45	52	20	33.1	58.7	5600	8000	K 45x52x20	45
	45	57	21	46.2	62.6	5600	8000	K 45x57x21	76.4
	45	57	25	55.0	78.4	5600	8000	K 45x57x25	84.2
	45	57	30	64.0	94.2	5600	8000	K 45x57x30	150
	45	57	45	95.5	157.6	5600	8000	K 45x57x45	179.5
45	57	48	94.6	158.8	5600	8000	K 45x57x48	183.2	
45	63	52	119.8	162.6	5600	8000	K 45x63x52	306.3	
46	46	51	27	36.8	85.6	5600	8000	K 45x51x27TN	64
	46	54	34	57.0	108.0	5600	8000	K 46x54x34	84.2
	46	66	23	87.8	104.1	5600	8000	K 46x66x23	82
47	47	53	25	36.0	73.7	5300	7500	K 47x53x25	49.6
	47	53	30	40.5	85.6	5300	7500	K 47x53x30	60
	47	53	32	46.9	103.5	5300	7500	K 47x53x32	68.5
	47	53	33	44.5	96.6	5300	7500	K 47x53x33D	68
	47	53	36	48.2	107.2	5300	7500	K 47x53x36	72.1
48	48	52	30	30.1	78.4	5300	7500	K 48x52x30	71
	48	53	28	36.9	87.1	5300	7500	K 48x53x28DTN	38.8
	48	54	17	26.3	51.4	5300	7500	K 48x54x17	36.2
	48	54	27	37.5	81.2	5300	7500	K 48x54x27	56.3
	48	54	34	46.7	103.6	5300	7500	K 48x54x34	71
	48	54	36	47.6	106.3	5300	7500	K 48x54x36ZW	82
	48	54	40	51.6	117.8	5300	7500	K 48x54x40ZW	88.5
	48	54	44	53.7	123.8	5300	7500	K 48x54x44ZWD	95
	48	56	27	46.8	85.0	5300	7500	K 48x56x27	70.9
	48	56	35	58.7	116.2	5300	7500	K 48x56x35	89
49	49	54	25	32.6	78.7	5000	7000	K 49x54x25H	52
	49	54	25	32.6	74.6	5000	7000	K 49x54x25D	58
	49	54	26	31.6	71.8	5000	7000	K 49x54x26ZWTN	30.4
	49	54	27	36.5	86.7	5000	7000	K 49x54x27	61
	49	54	28	35.1	86.7	5000	7000	K 49x54x28	48.7
	49	55	32	43.5	98.7	5000	7000	K 49x55x32ZWTN	40
50	50	55	17	23.1	48.3	5000	7000	K 50x55x17	29.1
	50	55	25	32.4	74.7	5000	7000	K 50x55x25	48.2
	50	55	32	39.8	97.3	5000	7000	K 50x55x32	64.5
	50	55	34	37.9	91.2	5000	7000	K 50x55x34ZWDTN	43
	50	55	35	40.2	98.3	5000	7000	K 50x55x35ZWDTN	45.8
	50	55	36	43.0	112.4	5000	7000	K 50x55x36	62.3
	50	55	50	56.7	153.5	5000	7000	K 50x55x50ZW	121.8
	50	56	20	31.4	63.0	5000	7000	K 50x56x20	35
	50	56	36	50.2	118.8	5000	7000	K 50x56x36	77.8
	50	56	40	53.8	125.9	5000	7000	K 50x56x40ZW	107.7
	50	58	36	53.8	104.3	5000	7000	K 50x58x36ZW	115.8
	50	58	37	63.7	129.6	5000	7000	K 50x58x37	111.4
	50	58	42	62.0	123.6	5000	7000	K 50x58x42ZW	124
	50	60	40	76.5	139.1	5000	7000	K 50x60x40ZW	146.4

XH 向心滚针和保持架组件
Radial needle and cage assemblies

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
50	50	62	22	54.3	79.7	5000	7000	K 50x62x22	96.8
51	51	56	30	38.0	92.3	4800	6700	K 51x56x30	55.5
	51	56	30	33.5	81.5	4800	6700	K 51x56x30ZWTN	36.4
	51	56	33	41.0	102.0	4800	6700	K 51x56x33ZW	81.4
	51	59	23	42.1	75.5	4800	6700	K 51x59x23	78.8
52	52	57	12	18.0	36.5	4800	6700	K 52x57x12	24
	52	58	22	37.0	80.0	4800	6700	K 52x58x22TN	32.2
	52	58	23	34.3	73.3	4800	6700	K 52x58x23	52
	52	58	24	40.3	88.3	4800	6700	K 52x58x24TN	46.2
	52	58	27	39.5	88.0	4800	6700	K 52x58x27ZWDTN	46
	52	58	32	42.7	97.2	4800	6700	K 52x58x32ZWD	65
	52	58	34	48.5	114.5	4800	6700	K 52x58x34	74.4
	52	58	36	54.4	133.0	4800	6700	K 52x58x36ZWDTN	69.6
	52	58	39	53.9	131.0	4800	6700	K 52x58x39	86.1
	52	58	40	53.6	130.1	4800	6700	K 52x58x40ZW	84.8
	52	59	35	56.9	124.7	4800	6700	K 52x59x35	93.2
	52	59	38	53.7	115.5	4800	6700	K 52x59x38ZW	105.6
	52	59	38	55.1	119.5	4800	6700	K 52x59x38ZWTN	78.2
	52	60	22	40.5	72.7	4800	6700	K 52x60x22	65.3
	52	60	23	34.7	59.4	4800	6700	K 52x60x23DTN	47.4
	52	60	27	47.5	89.1	4800	6700	K 52x60x27	81
	52	60	29	50.8	97.2	4800	6700	K 52x60x29	87.2
	52	60	30	54.1	105.4	4800	6700	K 52x60x30	92
	52	60	31	54.1	105.4	4800	6700	K 52x60x31	93.2
	52	60	35	60.5	121.8	4800	6700	K 52x60x35	105.4
52	60	38	57.2	112.8	4800	6700	K 52x60x38ZW	136.2	
53	53	58	25	33.2	81.1	4800	6700	K 53x58x25	46.7
	53	58	37	46.0	122.0	4800	6700	K 53x58x37ZWDTN	53
	53	58	37	46.0	122.0	4800	6700	K 53x58x37ZWTN	55.8
54	54	60	20	32.7	69.2	4800	6700	K 54x60x20	47
	54	60	37	53.9	118.6	4800	6700	K 54x60x37ZW	107.1
	54	60	40	56.1	138.3	4800	6700	K 54x60x40ZW	115.8
	54	62	20	37.9	67.3	4800	6700	K 54x62x20	63.2
	54	62	21	37.9	67.3	4800	6700	K 54x62x21	64.4
55	55	60	20	28.5	66.0	4800	6700	K 55x60x20	43.4
	55	60	25	33.8	83.3	4800	6700	K 55x60x25	48.3
	55	60	30	41.0	108.0	4800	6700	K 55x60x30	68.6
	55	60	35	39.8	102.4	4800	6700	K 55x60x35	71.8
	55	60	37	52.2	143.9	4800	6700	K 55x60x37	74.28
	55	61	18	29.0	58.7	4800	6700	K 55x61x18	42.1
	55	61	20	32.0	67.2	4800	6700	K 55x61x20	46.9
	55	61	22	32.0	67.2	4800	6700	K 55x61x22	48.9
	55	61	23	35.1	75.8	4800	6700	K 55x61x23	52.6
	55	61	26	39.0	85.9	4800	6700	K 55x61x26	59.1
	55	61	31	46.8	109.8	4800	6700	K 55x61x31	71.7
	55	61	34	49.7	118.3	4800	6700	K 55x61x34	77.5
	55	61	37	52.4	126.8	4800	6700	K 55x61x37	83.2
	55	61	39	57.8	143.8	4800	6700	K 55x61x39	90.7
	55	61	44	54.8	134.4	4800	6700	K 55x61x44ZW	142.2
	55	62	36	52.2	111.9	4800	6700	K 55x62x36ZWD	126.4
	55	62	40	52.8	128.0	4800	6700	K 55x62x40ZWD	141.2
	55	63	25	50.0	100.0	4800	6700	K 55x63x25	88
	55	63	26	45.4	87.7	4800	6700	K 55x63x26	81.1
	55	63	28	50.0	96.6	4800	6700	K 55x63x28	87.6
56	55	63	30	49.6	95.7	4800	6700	K 55x63x30ZW	114
	55	63	38	67.2	145.3	4800	6700	K 55x63x38	120.2
	55	63	40	52.6	106.3	4800	6700	K 55x63x40ZWTN	155.5
	55	65	43	83.9	162.6	4800	6700	K 55x65x43ZW	168.2
	56	61	30	40.4	105.2	4800	6700	K 56x61x30	58.7
	56	61	33	41.5	108.6	4800	6700	K 56x61x33	62.2

向心滚针和保持架组件 XH
Radial needle and cage assemblies

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
56	56	61	34	41.5	108.6	4800	6700	K 56x61x34	63.2
	56	62	34	49.6	118.4	4800	6700	K 56x62x34	86.4
	56	62	36	52.3	126.9	4800	6700	K 56x62x36	91.5
	56	66	41	93.6	188.0	4800	6700	K 56x66x41	187.5
57	57	63	23	35.8	78.1	4500	6300	K 57x63x23	51.5
	57	63	24	35.8	78.1	4500	6300	K 57x63x24	57.2
	57	63	32	47.8	113.2	4500	6300	K 57x63x32	76.7
	57	64	34	61.5	143.0	4500	6300	K 57x64x34	102.5
58	58	63	17	27.0	64.0	4500	6300	K 58x63x17	42
	58	63	30	41.1	107.9	4500	6300	K 58x63x30	60.4
	58	63	34	43.7	117.0	4500	6300	K 58x63x34	66.4
	58	63	36	43.7	116.4	4500	6300	K 58x63x36ZW	112
	58	64	33	49.6	125.6	4500	6300	K 58x64x33	82.4
	58	65	16	28.8	54.8	4500	6300	K 58x65x16	47.8
	58	65	18	33.3	64.1	4500	6300	K 58x65x18	53.8
	58	65	22	40.6	82.7	4500	6300	K 58x65x22	60.8
	58	65	35	59.2	138.5	4500	6300	K 58x65x35	105.3
	58	65	50	79.1	195.5	4500	6300	K 58x65x50ZW	189.9
	58	65	50	76.7	193.3	4500	6300	K 58x65x50ZWTN	113.7
	58	66	32	58.1	118.9	4500	6300	K 58x66x32	106.9
	58	66	33	59.9	126.4	4500	6300	K 58x66x33ZWTN	89.1
59	58	66	35	56.9	118.0	4500	6300	K 58x66x35ZW	142.7
	58	66	45	73.6	164.1	4500	6300	K 58x66x45ZW	183.5
	59	65	37	53.4	138.5	4500	6300	K 59x65x37	91.5
	59	65	40	58.9	157.1	4500	6300	K 59x65x40	100.6
	60	65	30	42.5	116.0	4300	6000	K 60x65x30	71.2
	60	65	35	46.4	126.2	4300	6000	K 60x65x35	70.9
	60	65	37	50.6	144.8	4300	6000	K 60x65x37	77.4
60	60	65	38	51.5	144.4	4300	6000	K 60x65x38	78.4
	60	66	23	35.0	80.5	4300	6000	K 60x66x23	56.5
	60	66	30	43.9	107.7	4300	6000	K 60x66x30	72.9
	60	66	33	47.9	115.7	4300	6000	K 60x66x33ZW	115.8
	60	66	40	60.2	154.9	4300	6000	K 60x66x40ZW	142
	60	66	42	60.2	154.9	4300	6000	K 60x66x42ZW	148.5
	60	67	37	63.6	152.7	4300	6000	K 60x67x37	111.7
	60	68	20	43.5	85.0	4300	6000	K 60x68x20	79
	60	68	30	55.2	113.9	4300	6000	K 60x68x30	100.7
	60	68	35	58.4	122.5	4300	6000	K 60x68x35ZW	144.6
	60	68	40	68.8	151.2	4300	6000	K 60x68x40ZW	168.1
	60	68	45	75.5	170.3	4300	6000	K 60x68x45ZW	189.4
	60	75	25	75.9	110.4	4300	6000	K 60x75x25	179
	60	75	35	80.6	181.3	4300	6000	K 60x75x35	258.7
	62	62	68	36	65.6	150.0	4000	6000	K 62x68x36
62		70	20	42.1	81.0	4000	6000	K 62x70x20	74.7
62		70	31	58.0	122.0	4000	6000	K 62x70x31	107.1
62		70	32	61.7	132.2	4000	6000	K 62x70x32	113
62		70	34	65.4	142.5	4000	6000	K 62x70x34	120.4
62		70	35	69.0	152.7	4000	6000	K 62x70x35	126.3
62		70	36	69.2	152.7	4000	6000	K 62x70x36	127.8
62		70	37	63.5	136.9	4000	6000	K 62x70x37ZW	158.2
62		70	40	68.9	151.8	4000	6000	K 62x70x40ZW	172.2
62		70	45	79.3	182.5	4000	6000	K 62x70x45ZW	196.6
63	62	70	47	79.3	182.5	4000	6000	K 62x70x47ZW	203.6
	63	70	20	38.6	80.7	4000	6000	K 63x70x20	67.7
	63	70	27	46.6	102.9	4000	6000	K 63x70x27ZWDTN	62.5
	63	70	36	55.0	127.0	4000	6000	K 63x70x36ZWDTN	79.4
	63	70	40	66.2	161.3	4000	6000	K 63x70x40ZW	149
	63	70	44	73.3	181.8	4000	6000	K 63x70x44ZW	164.4
	63	70	50	79.6	202.2	4000	6000	K 63x70x50ZW	186.8
63	71	20	42.1	81.0	4000	6000	K 63x71x20	80.5	

XH 向心滚针和保持架组件
Radial needle and cage assemblies

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	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
63	63	71	35	69.0	152.9	4000	6000	K 63x71x35	136.4
	64	70	16	28.6	62.5	4000	5600	K 64x70x16	44.3
	64	70	54	77.5	225.4	4000	5600	K 64x70x54ZW	204.7
64	64	71	34	61.3	146.1	4000	5600	K 64x71x34	129
	64	71	40	67.6	166.1	4000	5600	K 64x71x40ZW	151.3
	64	71	41.5	70.9	176.6	4000	5600	K 64x71x41.5ZWD	157.7
	64	72	32	62.6	131.0	4000	5600	K 64x72x32	119.6
	64	72	35	61.1	131.5	4000	5600	K 64x72x35ZW	132
	64	74	41	87.6	180.6	4000	5600	K 64x74x41ZW	158.8
	65	70	16	24.6	57.5	4000	5600	K 65x70x16	35.1
	65	70	20	30.5	77.0	4000	5600	K 65x70x20	49
	65	70	30	42.5	116.0	4000	5600	K 65x70x30	64.3
	65	70	38	53.2	154.9	4000	5600	K 65x70x38	84.2
65	65	70	40	52.1	150.6	4000	5600	K 65x70x40ZW	151.9
	65	70	42	52.9	154.0	4000	5600	K 65x70x42ZW	159.2
	65	70	45	55.9	173.5	4000	5600	K 65x70x45ZW	171.6
	65	70	47	55.9	173.5	4000	5600	K 65x70x47ZW	178.6
	65	71	20	35.8	83.7	4000	5600	K 65x71x20	56.1
	65	72	20	44.0	124.0	4000	5600	K 65x72x20	83
	65	72	40	67.8	166.2	4000	5600	K 65x72x40ZW	153.4
	65	72	45	74.3	187.3	4000	5600	K 65x72x45ZW	172.8
	65	73	20	40.7	81.2	4000	5600	K 65x73x20	77.3
	65	73	24	49.0	99.7	4000	5600	K 65x73x24D	90.3
	65	73	24	45.9	91.5	4000	5600	K 65x73x24DTN	64.1
	65	73	36	66.7	153.2	4000	5600	K 65x73x36	132.7
	65	73	40	69.8	162.4	4000	5600	K 65x73x40ZW	162.7
	65	73	46	80.3	194.8	4000	5600	K 65x73x46ZW	209.88
	65	73	48	86.0	205.7	4000	5600	K 65x73x48ZW	219.6
	65	73	48	81.9	199.5	4000	5600	K 65x73x48ZWD	213.2
	67	67	73	29	45.9	115.2	3800	5300	K 67x73x29
67		73	39	55.9	146.5	3800	5300	K 67x73x39ZW	176.1
67		75	36	67.2	151.3	3800	5300	K 67x75x36ZW	167.1
68	68	74	45	59.1	159.8	3800	5300	K 68x74x45ZWD	214
	68	75	40	66.0	171.2	3800	5300	K 68x75x40ZW	142.9
	68	76	30	58.7	130.5	3800	5300	K 68x76x30	100
	68	76	35	64.7	147.9	3800	5300	K 68x76x35	132.4
	68	76	45	80.2	195.2	3800	5300	K 68x76x45ZW	170.3
	68	78	41	89.8	194.3	3800	5300	K 68x78x41ZW	231.2
	68	78	45	100.6	218.9	3800	5300	K 68x78x45ZW	256.1
	68	80	25	67.8	115.3	3800	5300	K 68x80x25	153.4
70	70	76	20	36.0	86.0	3800	5300	K 70x76x20	70
	70	76	30	52.0	139.0	3800	5300	K 70x76x30	100
	70	77	20	39.2	88.1	3800	5300	K 70x77x20	74.1
	70	77	40	67.3	176.1	3800	5300	K 70x77x40ZW	146.2
	70	77	46	76.4	198.4	3800	5300	K 70x77x46ZW	168.8
	70	78	26	43.6	89.4	3800	5300	K 70x78x26	99.4
	70	78	29	59.9	134.7	3800	5300	K 70x78x29	117.4
	70	78	30	60.0	135.0	3800	5300	K 70x78x30	119.1
	70	78	37	68.7	160.8	3800	5300	K 70x78x37ZW	137.8
	70	78	39	72.9	173.0	3800	5300	K 70x78x39ZW	145.3
	70	78	40	74.7	178.9	3800	5300	K 70x78x40ZW	149
70	78	46	80.2	195.6	3800	5300	K 70x78x46ZW	172.1	
72	72	80	55	96.0	246.6	3800	5300	K 70x78x55ZW	222.6
	72	80	25	53.1	115.5	3600	5000	K 72x80x25	97.9
	72	80	30	61.3	138.9	3600	5000	K 72x80x30	126.7
	72	80	37	68.7	161.0	3600	5000	K 72x80x37ZW	152.4
73	72	80	42	77.1	184.4	3600	5000	K 72x80x42ZW	173.4
	73	79	20	37.0	90.0	3600	5000	K 73x79x20	70.1
	73	79	25	43.1	115.5	3600	5000	K 73x79x25	85.6
	73	79	50	77.7	231.0	3600	5000	K 73x79x50ZW	172.2

向心滚针和保持架组件 XH
Radial needle and cage assemblies

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	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
74	74	82	18	41.1	83.0	3600	5000	K 74x82x18	81.9
	74	82	20	45.6	95.0	3600	5000	K 74x82x20	90.7
	74	82	22	51.9	112.9	3600	5000	K 74x82x22	101.9
	74	82	22.5	49.8	107.0	3600	5000	K 74x82x22.5	102.9
	74	82	38	78.3	191.1	3600	5000	K 74x82x38	165.6
75	75	81	20	37.5	94.0	3400	4800	K 75x81x20	70.6
	75	81	28	49.6	138.9	3400	4800	K 75x81x28	98.9
	75	81	30	52.0	143.0	3400	4800	K 75x81x30	104.4
	75	81	40	66.9	192.5	3400	4800	K 75x81x40ZW	140.6
	75	81	45	70.2	216.9	3400	4800	K 75x81x45ZW	158.4
	75	82	20	37.3	96.2	3400	4800	K 75x82x20	81.7
	75	82	30	51.3	145.0	3400	4800	K 75x82x30	117.5
	75	82	35	61.7	154.4	3400	4800	K 75x82x35ZW	136.6
	75	82	40	71.2	190.6	3400	4800	K 75x82x40ZW	156.1
	75	83	20	45.6	95.0	3400	4800	K 75x83x20	91.4
	75	83	30	62.7	143.2	3400	4800	K 75x83x30	131.1
	75	83	35	70.5	168.2	3400	4800	K 75x83x35	150.9
	75	83	40	77.9	190.1	3400	4800	K 75x83x40ZW	171.7
	75	83	42	78.2	190.0	3400	4800	K 75x83x42ZW	180.1
	75	83	45	85.4	214.1	3400	4800	K 75x83x45ZW	193.5
76	75	83	50	91.0	232.5	3400	4800	K 75x83x50ZW	215.1
	75	83	55	100.0	262.3	3400	4800	K 75x83x55ZW	237.2
	76	84	27.1	60.8	138.5	3400	4800	K 76x84x27.1	124.1
	76	84	54.1	104.2	277.0	3400	4800	K 76x84x54.1	236.8
	77	85	20	46.2	103.1	3200	4500	K 77x85x20	116.4
77	77	85	25	54.0	125.9	3200	4500	K 77x85x25	115.5
	77	85	31	69.0	164.0	3200	4500	K 77x85x31	143.3
	77	85	37	74.3	189.5	3200	4500	K 77x85x37	168.5
	77	85	37	71.3	180.1	3200	4500	K 77x85x37ZW	162.4
	77	85	40	79.3	206.2	3200	4500	K 77x85x40ZW	176.3
	77	85	41	79.2	206.2	3200	4500	K 77x85x41ZW	180.6
	77	85	43	89.3	240.3	3200	4500	K 77x85x43	189.7
	77	85	43	83.1	219.2	3200	4500	K 77x85x43ZW	199
78	78	85	21.5	43.5	101.5	3200	4500	K 78x85x21.5	82.5
	78	85	23.5	50.0	119.6	3200	4500	K 78x85x23.5	92.4
	78	85	26.5	50.0	119.6	3200	4500	K 78x85x26.5	97.4
	78	85	36	67.9	180.0	3200	4500	K 78x85x36	135.3
	78	85	46	78.0	215.1	3200	4500	K 78x85x46ZW	165.7
	78	86	32.5	67.6	167.5	3200	4500	K 78x86x32.5	148.8
	78	86	35	66.0	162.9	3200	4500	K 78x86x35ZW	155
	78	86	36	74.2	180.2	3200	4500	K 78x86x36ZW	159.3
	78	86	42.5	82.2	215.8	3200	4500	K 78x86x42.5	189.2
80	78	86	48.5	85.4	226.6	3200	4500	K 78x86x48.5ZW	216.1
	80	86	26	57.0	129.4	3200	4500	K 80x86x26	98.8
	80	86	30	56.0	159.0	3200	4500	K 80x86x30	114
	80	88	18	41.6	90.2	3200	4500	K 80x88x18	87.75
	80	88	21	46.2	103.3	3200	4500	K 80x88x21	102.4
	80	88	24	55.1	129.4	3200	4500	K 80x88x24	117
	80	88	25	55.1	129.4	3200	4500	K 80x88x25	119.4
	80	88	26	55.1	129.4	3200	4500	K 80x88x26	122.4
	80	88	28	59.4	142.5	3200	4500	K 80x88x28	130.6
	80	88	29	63.6	155.6	3200	4500	K 80x88x29	138.6
	80	88	30	72.0	179.0	3200	4500	K 80x88x30	141
	80	88	37	71.3	180.7	3200	4500	K 80x88x37ZW	168.2
	80	88	38.5	71.3	180.7	3200	4500	K 80x88x38.5ZW	175.2
	80	88	42	79.3	206.6	3200	4500	K 80x88x42ZW	180.3
	80	88	45	94.2	258.4	3200	4500	K 80x88x45ZW	185.6
80	80	88	48	99.5	265.5	3200	4500	K 80x88x48ZW	191.3
	80	88	49	87.0	232.7	3200	4500	K 80x88x49ZW	199.4
	80	88	50	116.8	278.8	3200	4500	K 80x90x50ZW	205.5

向心滚针和保持架组件

Radial needle and cage assemblies

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
82	82	89	20	44.6	105.0	3000	4300	K 82x89x20	83.2
	82	90	47	89.2	241.0	3000	4300	K 82x90x47	220.5
	82	90	60	113.0	327.5	3000	4300	K 82x90x60ZW	282.2
83	83	91	20	48.2	106.1	3000	4300	K 83x91x20	100.9
84	84	92	20	47.0	106.1	3000	4300	K 84x92x20	110.5
	84	92	25	56.0	133.0	3000	4300	K 84x92x25	115.6
	84	92	26	60.4	146.5	3000	4300	K 84x92x26	118.4
	84	92	30	65.0	160.0	3000	4300	K 84x92x30	124.6
	84	92	40	80.7	212.4	3000	4300	K 84x92x40ZW	176
	84	92	44	84.6	225.9	3000	4300	K 84x92x44ZW	186.6
	84	92	50	96.1	266.1	3000	4300	K 84x92x50ZW	195.6
	84	92	58	110.9	319.9	3000	4300	K 84x92x58ZW	205.3
	84	92	64	118.1	346.8	3000	4300	K 84x92x64ZW	230.3
85	84	92	25	76.0	153.0	3000	4300	K 84x95x25	175.8
	85	92	19	40.6	93.9	3000	4300	K 85x92x19	92.1
	85	92	21	45.1	107.5	3000	4300	K 85x92x21	95
	85	92	22	49.5	121.1	3000	4300	K 85x92x22	97.5
	85	92	30	62.1	161.9	3000	4300	K 85x92x30	110.2
	85	92	43	81.2	228.6	3000	4300	K 85x92x43ZW	789.2
	85	93	20	47.0	106.2	3000	4300	K 85x93x20	102.2
	85	93	25	56.1	133.1	3000	4300	K 85x93x25	113.2
	85	93	32	70.3	173.5	3000	4300	K 85x93x32	142.5
	85	93	37	81.0	213.8	3000	4300	K 85x93x37	163.3
	85	93	37	74.0	190.2	3000	4300	K 85x93x37ZW	177.9
	85	93	42	88.0	231.5	3000	4300	K 85x93x42ZW	192.3
	85	93	44	86.2	231.5	3000	4300	K 85x93x44ZW	201.45
	85	93	50.5	97.9	272.9	3000	4300	K 85x93x50.5ZW	244.78
	85	93	53	103.9	286.7	3000	4300	K 85x93x53ZW	256.9
	85	93	53	99.9	279.7	3000	4300	K 85x93x53ZWD	250.3
87	87	94	21	44.1	112.3	3000	4300	K 87x94x21	90.2
	87	94	24	52.6	140.7	3000	4300	K 87x94x24	102.1
	87	94	41.6	79.4	224.6	3000	4300	K 87x94x41.6ZW	187.1
88	88	95	22	48.3	126.5	3000	4300	K 88x95x22	97.7
	88	96	21.5	53.5	125.8	3000	4300	K 88x96x21.5	95.4
	88	96	23	52.5	122.9	3000	4300	K 88x96x23DTN	168
	88	96	29	61.5	150.5	3000	4300	K 88x96x29DTN	170.1
89	89	97	19	45.5	102.2	3000	4300	K 89x97x19	100.8
	89	97	33.5	76.3	199.9	3000	4300	K 89x97x33.5	173.9
	89	97	40	80.8	214.4	3000	4300	K 89x97x40ZW	201.4
	89	97	44	93.3	257.8	3000	4300	K 89x97x44ZW	221.5
90	90	97	18	40.2	100.2	2800	4000	K 90x97x18	87.5
	90	97	20	44.5	108.0	2800	4000	K 90x97x20	103
	90	97	22	49.1	129.3	2800	4000	K 90x97x22	111.3
	90	97	25	53.3	143.9	2800	4000	K 90x97x25	100
	90	97	35.6	73.2	216.4	2800	4000	K 90x97x35.6	156.1
	90	98	20	48.7	111.8	2800	4000	K 90x98x20	107.6
	90	98	26	58.1	140.1	2800	4000	K 90x98x26	142.6
	90	98	30	30.0	68.0	2800	4000	K 90x98x30	172
	90	98	35	77.7	203.8	2800	4000	K 90x98x35	196.5
	90	98	35	71.8	181.2	2800	4000	K 90x98x35ZW	201.6
	90	98	40	40.0	81.5	2800	4000	K 90x98x40ZW	226.6
	90	98	50	96.4	268.3	2800	4000	K 90x98x50	242.2
92	92	100	25	61.1	150.3	2800	4000	K 92x100x25	136.5
	92	100	27	56.5	133.6	2800	4000	K 92x100x27D	137.5
	92	100	30	70.6	180.6	2800	4000	K 92x100x30	158.6
	92	100	43	92.3	255.0	2800	4000	K 92x100x43ZW	223.9
	92	100	46	96.5	270.2	2800	4000	K 92x100x46ZW	236.5
	92	100	53	113.0	330.9	2800	4000	K 92x100x53ZW	272.49
93	93	101	25	56.5	135.2	2600	3800	K 93x101x25D	142.9
	93	101	32.3	75.0	195.9	2600	3800	K 93x101x26D	189.6

向心滚针和保持架组件

Radial needle and cage assemblies

轴 Shaft	基本尺寸(mm) Basic dimension			基本额定载荷(KN) Basic load rating		极限转速脂油 Limit speed Grease / Oil		产品代号 Product designation	重量 Weight
	Fw	Ew	Bc	Cr	Cor	min-1			W≈g
93	93	101	53.1	107.0	309.0	2600	3800	K 93x101x27D	248.2
95	95	102	21	49.0	129.7	2600	3800	K 95x102x21	107.8
	95	103	39.6	92.2	256.2	2600	3800	K 95x103x39.6ZW	226
	95	103	47	96.4	270.6	2600	3800	K 95x103x47ZW	246.6
	95	103	63.1	121.0	362.0	2600	3800	K 95x103x63.1ZW	276.2
96	96	104	24	57.2	138.3	2600	3800	K 96x104x24	135.14
	96	104	29	71.6	185.0	2600	3800	K 96x104x29	163.6
	96	104	35.8	87.6	239.4	2600	3800	K 96x104x35.8	191.2
	96	104	55	114.7	338.9	2600	3800	K 96x104x55ZW	221.3
	96	104	72	150.1	378.8	2600	3800	K 96x104x72ZWD	289.7
97	97	104	36	76.4	230.3	2600	3800	K 97x104x36	195.3
	97	107	24	66.9	152.7	2600	3800	K 97x107x24	168.2
	97	107	30	83.9	204.2	2600	3800	K 97x107x30	192.3
	97	107	48	114.7	305.4	2600	3800	K 97x107x48ZW	218.3
100	100	106	47	83.9	282.9	2600	3800	K 100x106x47ZW	207.5
	100	107	20	48.0	127.0	2600	3800	K 100x107x20	107.4
	100	107	30	66.0	191.2	2400	3600	K 100x107x30	134.6
	100	107	43.5	84.2	253.9	2400	3600	K 100x107x43.5ZW	180.6
101	101	109	20	50.8	128.4	2400	3600	K 101x109x20	121.2
	101	109	40	87.1	256.8	2400	3600	K 101x109x40ZW	156.2
	101	109	48	103.9	321.8	2400	3600	K 101x109x48ZW	178.41
104	104	116	22.5	76.9	155.5	2400	3600	K 104x116x22.5	201.7
	104	116	28	90.0	190.4	2400	3600	K 104x116x28	235.2
	104	116	31	102.6	225.4	2400	3600	K 104x116x31	245.3
	104	116	32	102.6	225.4	2400	3600	K 104x116x32	253.3
105	105	112	21	49.3	131.9	2200	3400	K 105x112x21	114.8