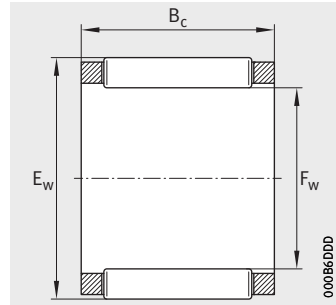
Needle roller and cage assemblies for piston pins



KBK

Dimension table · Dimensions in mm

Dimensions			Basic load ratings		Fatigue limit load	Mass	Designation[1)2)]
F_w	E_w	B_C	dyn. C_r	stat. C_{0r}	C_{ur}	m	
			N	N	N	≈ g	
8	11	10	3 450	3 450	435	3	**KBK8×11×10**
9	12	10	3 700	3 900	495	4	**KBK9×12×10**
9	12	11,7	4 200	4 600	620	4	**KBK9×12×11,7**
9	13	12,5	6 000	6 100	780	4,3	**KBK9×13×12,5**
10	13	12,5	5 000	5 900	700	4	**KBK10×13×12,5**
10	13	14,5	5 400	6 600	900	4	**KBK10×13×14,5**
10	14	10	4 800	4 700	590	4,6	**KBK10×14×10**
10	14	12,7	6 500	6 900	850	5	**KBK10×14×12,7**
10	14	13	6 000	6 200	760	5,8	**KBK10×14×13**
11	14	15	6 600	8 600	1 798	3	**KBK11×14×15**
12	15	15	6 000	7 900	1 090	5	**KBK12×15×15**
12	15	17,5	7 800	11 000	1 580	6	**KBK12×15×17,5**
12	16	13	6 900	7 800	1 010	7	**KBK12×16×13**
12	16	16	8 000	9 500	1 180	8	**KBK12×16×16**
12	17	13	7 600	7 700	950	8	**KBK12×17×13**
12	17	14,4	9 600	10 400	1 280	8,5	**KBK12×17×14,4**
13	16	14	6 200	8 300	990	5,5	**KBK13×16×14**
13	17	14,5	8 500	10 400	1 280	8	**KBK13×17×14,5**
13	17	17,5	9 100	11 300	1 430	10	**KBK13×17×17,5**
14	17	20	9 400	14 700	1 910	8	**KBK14×17×20**
14	18	17	9 100	11 600	1 400	9	**KBK14×18×17**
15	19	17	8 900	11 500	1 440	9	**KBK15×19×17**
15	19	19,5	10 600	14 600	1 860	12,6	**KBK15×19×19,5**
15	19	20	11 300	15 500	2 100	12,8	**KBK15×19×20**
15	19	24	12 400	17 600	2 300	11	**KBK15×19×24**
16	20	20	11 800	16 900	2 280	13	**KBK16×20×20**
18	22	22	13 500	20 700	2 800	16,9	**KBK18×22×22**
18	22	24	14 100	22 000	3 050	18	**KBK18×22×24**
18	23	23,15	16 700	23 500	2 900	22	**KBK18×23×23,15**
20	25	22	16 200	23 300	3 050	20	**KBK20×25×22**
20	25	23,15	17 400	25 500	3 150	28	**KBK20×25×23,15**
22	27	25	20 500	32 500	4 100	30	**KBK22×27×25**

Other dimensions available by agreement.

1) The needle roller and cage assemblies are available by agreement only (subject to availability). Production is dependent on economically viable quantities.

2) The designation describes the dimensions only. For a precise ordering designation, please contact Schaeffler.