



Metric cam follower bearings

Cam follower stud type

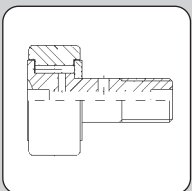
S. 5-2

Cam follower yoke type

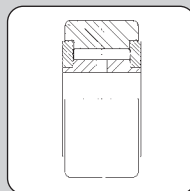
S. 5-4



Cam follower
stud type

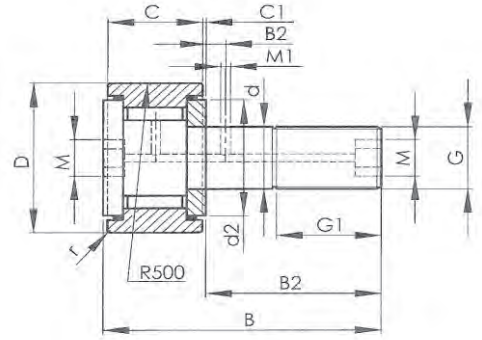


Cam follower
yoke type



ASK[®] Cam follower stud type

crowned roller diameter
 KR: cage type
 KRV: full complemented
 PP: sealed on both sides
 SK: hex hole



Dimensions

Designation	D	d h7	C max.	r min.	B	B ₁	B ₂	G	G ₁	M	M ₁	C ₁
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
KR 13 PPSK-ASK	13	5	10,2	0,3	23	13	-	M 5x0,8	7,5	3*	-	0,5
KR 16 PPSK-ASK	16	6	11	0,3	28	16	-	M 6x1	8	4*	-	0,6
KRV 16 PPSK-ASK	16	6	11	0,3	28	16	-	M 6x1	8	4*	-	0,6
KR 19 PPSK-ASK	19	8	11	0,6	32	20	-	M 8x1,25	10	4*	-	0,6
KRV 19 PPSK-ASK	19	8	11	0,6	32	20	-	M 8x1,25	10	4*	-	0,6
KR 22 PPSK-ASK	22	10	12	0,3	36	23	-	M 10x1	12	5*	-	0,6
KRV 22 PPSK-ASK	22	10	12	0,3	36	23	-	M 10x1	12	5	-	0,6
KR 26 PPSK-ASK	26	10	12	0,3	36	23	-	M 10x1	12	5*	-	0,6
KRV 26 PPSK-ASK	26	10	12	0,3	36	23	-	M 10x1	12	5	-	0,6
KR 30 PPSK-ASK	30	12	14	0,6	40	25	6	M 12x1,5	13	6	3	0,6
KRV 30 PPSK-ASK	30	12	14	0,6	40	25	6	M 12x1,5	13	6	3	0,6
KR 32 PPSK-ASK	32	12	14	0,6	40	25	6	M 12x1,5	13	6	3	0,6
KRV 32 PPSK-ASK	32	12	14	0,6	40	25	6	M 12x1,5	13	6	3	0,6
KRV 35 PPSK-ASK	35	16	18	0,6	52	32,5	8	M 16x1,5	17	6	3	0,8
KRV 40 PPSK-ASK	40	18	20	1	58	36,5	8	M 18x1,5	19	6	3	0,8
KRV 47 PPSK-ASK	47	20	24	1	66	40,5	9	M 20x1,5	21	8	4	0,8
KRV 52 PPSK-ASK	52	20	24	1	66	40,5	9	M 20x1,5	21	8	4	0,8
KRV 62 PPSK-ASK	62	24	29	1	80	49,5	11	M 24x1,5	25	8	4	0,8
KRV 80 PPSK-ASK	80	30	35	1,1	100	63	15	M 30x1,5	32	8	4	1,0
KRV 90 PPSK-ASK	90	30	35	1,1	100	63	15	M 30x1,5	32	8	4	1,0

*) hex hole only at the flange-side end face

Relubrication possibility:

For sizes 13, 16 and 19 relubrication is not possible.

The types KR 22 and KR 26 have a relubrication bore at the flange-side end face.

The types KR 30 and KR 32 have an end to end lubrication bore and an additional hex hole at the stud end.

The version KRV beginning with size 22 has an end to end lubrication bore and an additional hex hole at the stud end.

d ₂	Clamping torque M _A	Load ratings basic		as track roller		Limiting speed grease n _D	Weight
		stat. C ₀	dyn. C	stat. C ₀	dyn. C		
mm	Nm	kN	kN	kN	kN	min ⁻¹	g
10	2,2	2,03	2,20	1,49	1,85	17000	16
12	3,0	3,71	3,70	2,12	3,09	14000	18
12	3,0	7,51	6,26	2,12	5,21	3800	20
14	8,0	4,50	4,06	3,73	3,36	11000	28
14	8,0	9,44	7,23	4,59	6,00	3100	32
17	15,0	6,54	5,66	5,45	4,68	8000	44
17	15,0	11,13	8,47	9,36	7,07	2600	45
17	15,0	6,54	5,66	5,45	4,68	8000	58
17	15,0	11,13	8,47	9,36	7,07	2600	61
23	22,0	8,74	7,42	7,25	6,18	5500	87
23	22,0	16,33	11,92	13,77	9,97	2100	89
23	22,0	8,74	7,42	7,25	6,18	5500	98
23	22,0	16,33	11,92	13,77	9,97	2100	100
27	58,0	30,72	18,27	25,65	15,27	3400	172
32	87,0	34,69	20,92	28,98	17,48	2900	249
37	120,0	51,90	27,71	42,03	23,12	2600	394
37	120,0	51,90	27,71	42,03	23,12	2600	456
44	220,0	83,41	41,93	58,86	34,96	2200	811
53	450,0	143,87	69,29	92,07	57,73	1800	1644
53	450,0	143,87	69,29	92,07	57,73	1700	2004



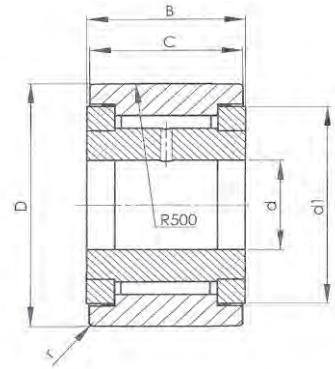
Supplies include:

Size 13 up to 19: nut

Sizes 22 up to 32: nut, plug, grease nipple

ASK® Cam follower yoke type

crowned roller diameter
 NATR: cage type
 NATV: full complement
 PP: sealed on both sides



Dimensions

Designation	d	D	C	B	d ₁	r
	mm	mm	mm	mm	mm	mm
NATR 5 PP-ASK	5	16	11	12	12,5	0,15
NATV 5 PP-ASK	5	16	11	12	12,5	0,15
NATR 6 PP-ASK	6	19	11	12	14,6	0,60
NATV 6 PP-ASK	6	19	11	12	14,6	0,60
NATR 8 PP-ASK	8	24	14	15	19,0	0,30
NATV 8 PP-ASK	8	24	14	15	19,0	0,30
NATR 10 PP-ASK	10	30	14	15	23,0	0,60
NATV 10 PP-ASK	10	30	14	15	23,0	0,60
NATR 12 PP-ASK	12	32	14	15	25,0	0,60
NATV 12 PP-ASK	12	32	14	15	25,0	0,60
NATR 15 PP-ASK	15	35	18	19	27,6	0,60
NATV 15 PP-ASK	15	35	18	19	27,6	0,60
NATR 17 PP-ASK	17	40	20	21	32,0	1,00
NATV 17 PP-ASK	17	40	20	21	32,0	1,00
NATR 20 PP-ASK	20	47	24	25	37,0	1,00
NATV 20 PP-ASK	20	47	24	25	37,0	1,00
NATR 25 PP-ASK	25	52	24	25	42,0	1,00
NATV 25 PP-ASK	25	52	24	25	42,0	1,00
NATR 30 PP-ASK	30	62	28	29	51,0	1,00

Load ratings basic		as track roller		Limiting speed grease	
stat. C ₀	dyn. C	stat. C ₀	dyn. C	n _D	Weight
kN	kN	kN	kN	min ⁻¹	g
3,71	3,71	3,04	3,09	14000	14
7,47	6,26	6,21	5,21	3800	15
4,50	4,06	3,68	3,36	11000	20
9,44	7,24	7,88	6,01	3100	21
6,98	6,17	5,81	5,21	7500	41
13,68	10,32	11,34	8,65	2500	42
8,74	7,42	7,25	6,17	5500	64
16,42	12,00	13,77	9,97	2100	65
9,80	7,86	8,21	6,54	4500	71
18,80	12,98	15,66	10,85	1800	72
17,13	11,74	14,31	9,80	3600	103
30,72	18,27	25,65	15,27	3400	105
21,36	14,39	17,73	12,01	2900	144
34,69	20,92	28,98	17,48	1400	152
51,91	27,71	43,20	23,12	1300	254
37,61	20,66	31,41	17,21	3600	274
63,37	30,72	52,83	25,60	1000	285
97,29	44,75	80,10	37,33	850	481

