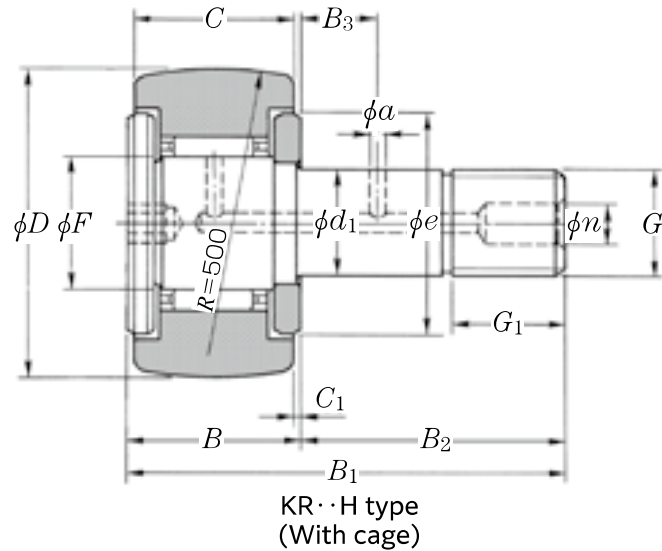
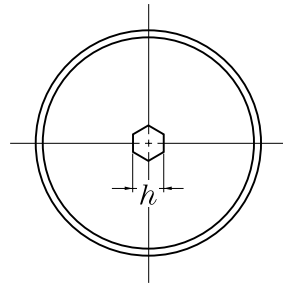


Cam follower stud type track roller
metric series

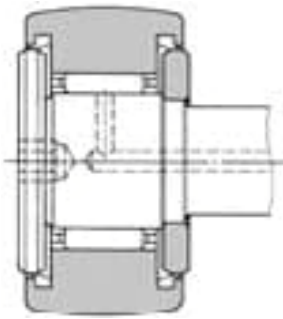
KR··H type
KR··XH type
KR··LLH type
KR··XLLH type



D 10 ~ 90mm

Outer dia. ¹⁾ mm D -0.05	Dimensions mm														Basic load rating		Fatigue load limit N Cu
															dynamic N Cr	static N C0r	
	d ₁	C	F	B	B ₁	B ₂	G	G ₁	B ₃	C ₁	n	a	e	h			
10	3 ⁰ _{-0.010}	7	4	8	17	9	M3×0.5	5	—	0.5	—	—	7	2.5	1 640	1 270	155
12	4 ⁰ _{-0.012}	8	4.8	9	20	11	M4×0.7	6	—	0.5	—	—	8.5	2.5	2 170	1 690	206
13	5 ⁰ _{-0.012}	9	5.75	10	23	13	M5×0.8	7.5	—	0.5	—	—	9.5	3	2 650	2 260	276
16	6 ⁰ _{-0.012}	11	8	12	28	16	M6×1	8	—	0.6	—	—	12	3	4 050	4 200	510
19	8 ⁰ _{-0.015}	11	10	12	32	20	M8×1.25	10	—	0.6	—	—	14	4	4 750	5 400	660
22	10 ⁰ _{-0.015}	12	12	13	36	23	M10×1.25	12	—	0.6	4	—	17	4	5 300	6 650	810
26	10 ⁰ _{-0.015}	12	12	13	36	23	M10×1.25	12	—	0.6	4	—	17	4	5 300	6 650	810
30	12 ⁰ _{-0.018}	14	15	15	40	25	M12×1.5	13	6	0.6	6	3	23	6	7 850	9 650	1 180
32	12 ⁰ _{-0.018}	14	15	15	40	25	M12×1.5	13	6	0.6	6	3	23	6	7 850	9 650	1 180
35	16 ⁰ _{-0.018}	18	18	19.5	52	32.5	M16×1.5	17	8	0.8	6	3	27	6	12 200	17 900	2 180
40	18 ⁰ _{-0.018}	20	22	21.5	58	36.5	M18×1.5	19	8	0.8	6	3	32	6	14 000	22 800	2 790
47	20 ⁰ _{-0.021}	24	25	25.5	66	40.5	M20×1.5	21	9	0.8	8	4	37	8	20 700	33 500	4 100
52	20 ⁰ _{-0.021}	24	25	25.5	66	40.5	M20×1.5	21	9	0.8	8	4	37	8	20 700	33 500	4 100
62	24 ⁰ _{-0.021}	29	30	30.5	80	49.5	M24×1.5	25	11	0.8	8	4	44	8	28 900	55 000	6 700
72	24 ⁰ _{-0.021}	29	30	30.5	80	49.5	M24×1.5	25	11	0.8	8	4	44	8	28 900	55 000	6 700
80	30 ⁰ _{-0.021}	35	38	37	100	63	M30×1.5	32	15	1	8	4	53	8	45 000	88 500	10 800
85	30 ⁰ _{-0.021}	35	38	37	100	63	M30×1.5	32	15	1	8	4	53	8	45 000	88 500	10 800
90	30 ⁰ _{-0.021}	35	38	37	100	63	M30×1.5	32	15	1	8	4	53	8	45 000	88 500	10 800

1) The tolerance of outer ring outer diameter D of KR··XH type and KR··XLLH type having a cylindrical outer diameter surface is JIS 0 class.



KR··LLH type
(Seal type with cage)

Accessories

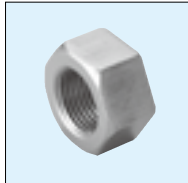
Applied bearing number	Grease nipple number	Plug number	Applied hexagonal nut
10~19	—	—	1M3×0.5~1M8×1.25
22~26	NIP-B4	SEN4	1M10×1.25
30~40	NIP-B6	SEN3, SEN6	1M12×1.5~1M18×1.5
47~90	NIP-B8	SEN4, SEN8	1M20×1.5~1M30×1.5



Grease fitting



Plug



Hexagon nut

Track load capacity N		Allowable speed ²⁾ min ⁻¹		Maximum tightening torque N · m	Number ³⁾				Mass kg (approx.)	Stud dia. mm
Spherical outer ring	Cylindrical outer ring	Grease lubrication	Oil lubrication		Without seal Spherical outer ring	Cylindrical outer ring	With seal Spherical outer ring	Cylindrical outer ring		
560	1 360	*27 000	*40 000	0.5	KR10T2H/3AS	KR10XT2H/3AS	KR10T2LLH/3AS	KR10XT2LLH/3AS	0.005	3
725	1 790	*25 000	*36 000	1	KR12T2H/3AS	KR12XT2H/3AS	KR12T2LLH/3AS	KR12XT2LLH/3AS	0.008	4
805	2 220	*23 000	*33 000	2	KR13T2H/3AS	KR13XT2H/3AS	KR13T2LLH/3AS	KR13XT2LLH/3AS	0.010	5
1 080	3 400	*19 000	*25 000	3	KR16FDOH/L588	KR16FXDOH/L588	KR16FLDOH/L588	KR16FXLDOH/L588	0.019	6
1 380	4 050	*15 000	*20 000	8	KR19FDOH/L588	KR19FXDOH/L588	KR19FLDOH/L588	KR19FXLDOH/L588	0.031	8
1 690	5 150	*12 000	*16 000	14	KR22FH	KR22FXH	KR22FLLH/3AS	KR22FXLLH/3AS	0.046	10
2 120	6 100	*12 000	*16 000	14	KR26FH	KR26FXH	KR26FLLH/3AS	KR26FXLLH/3AS	0.059	10
2 620	7 700	10 000	*13 000	20	KR30H	KR30XH	KR30LLH/3AS	KR30XLLH/3AS	0.087	12
2 860	8 200	10 000	*13 000	20	KR32H	KR32XH	KR32LLH/3AS	KR32XLLH/3AS	0.097	12
3 200	11 900	8 000	*11 000	52	KR35H	KR35XH	KR35LLH/3AS	KR35XLLH/3AS	0.169	16
3 850	14 500	7 000	9 000	76	KR40H	KR40XH	KR40LLH/3AS	KR40XLLH/3AS	0.248	18
4 700	21 000	6 000	8 000	98	KR47H	KR47XH	KR47LLH/3AS	KR47XLLH/3AS	0.386	20
5 550	23 300	6 000	8 000	98	KR52H	KR52XH	KR52LLH/3AS	KR52XLLH/3AS	0.461	20
6 950	34 500	5 000	6 500	178	KR62H	KR62XH	KR62LLH/3AS	KR62XLLH/3AS	0.790	24
8 050	38 500	5 000	6 500	178	KR72H	KR72XH	KR72LLH/3AS	KR72XLLH/3AS	1.04	24
9 800	53 000	4 000	5 500	360	KR80H	KR80XH	KR80LLH/3AS	KR80XLLH/3AS	1.55	30
10 400	56 000	4 000	5 500	360	KR85H	KR85XH	KR85LLH/3AS	KR85XLLH/3AS	1.74	30
11 400	59 000	4 000	5 500	360	KR90H	KR90XH	KR90LLH/3AS	KR90XLLH/3AS	1.95	30

2) The allowable speed of KR··LLH type and KR··XLLH type with a “*” mark seal is about 10 000 min⁻¹.
3) Bearings having T2 after the bearing number have a plastic cage, and the allowable temperature is 120°C and 100°C or below for continuous use.