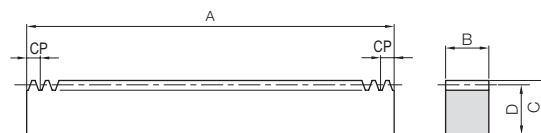
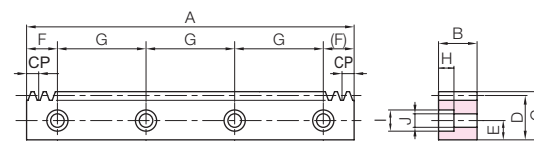


Specifications	
Precision grade	KHK R 001 grade 5
Gear teeth	Standard full depth
Pressure angle	20°
Material	SCM440
Heat treatment	Thermal refined, gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coating



RF

J Series



RD



Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length	Face width	Height	Height to pitch line	Allowable force (N)		Allowable force (kgf)	
				A	B	C	D	Bending strength	Surface durability	Bending strength	Surface durability
KRCPF5-1000H	CP5 (1.5915)	200	RF	1000	15	20	18.41	3330	1850	339	189
KRCPF10-1000H	CP10 (3.1831)	100									

Backlash (mm)	Weight (kg)	Catalog Number
0.05~0.31	2.17	KRCPF5-1000H
0.10~0.41	7.49	KRCPF10-1000H

Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length	Face width	Height	Height to pitch line	Mounting hole dimensions				
				A	B	C	D	E	F	G	No. of holes	Screw size
● KRCPFD5-1000HJ	CP5 (1.5915)	200	RD	1000	15	20	18.41	8	50	180	6	M5
● KRCPFD10-1000HJ	CP10 (3.1831)	100						14				

Counterbore dimensions			Allowable force (N)		Allowable force (kgf)		Backlash (mm)	Weight (kg)	Catalog Number
H	I	J	Bending strength	Surface durability	Bending strength	Surface durability			
6	10	6	3330	1850	339	189	0.05~0.31	2.13	● KRCPFD5-1000HJ
10.8	17.5	11	13300	7710	1360	786	0.10~0.41	7.29	● KRCPFD10-1000HJ

* CP30 and ground racks with total lengths up to (A) 1500mm and heights up to (C) 120mm are also available by request as custom-made products.

Recommended Mating Pinions



KSSCP-H

Please see Page 288 for more details.

