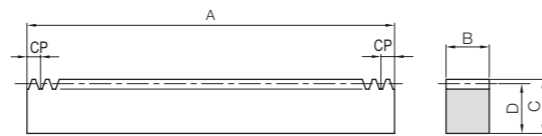
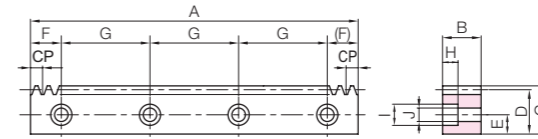


Specifications	
Precision grade	KHK R 001 grade 5
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	Gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coating


RF
J Series

RD


Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length				Allowable force (N)				Allowable force (kgf)	
				A	B	C	D	Bending strength	Surface durability	Bending strength	Surface durability	Bending strength	Surface durability
SRCPF5-1000H	CP5 (1.5915)	200	RF	1000	15	20	18.41	2080	1200	212	122		
SRCPF10-1000H	CP10 (3.1831)	100		1000	30	35	31.82	8320	4980	848	508		
SRCPF15-1000H	CP15 (4.7746)	67		1005	50	50	45.23	20800	12400	2120	1260		
SRCPF20-1000H	CP20 (6.3662)	50		1000	60	60	53.63	33300	20800	3390	2120		

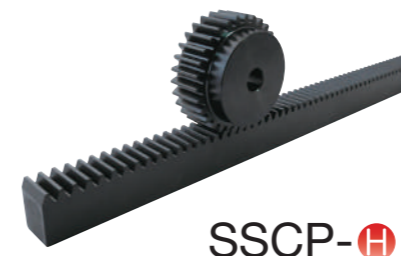
Backlash (mm)	Weight (kg)	Catalog Number
0.05~0.29	2.17	SRCPF5-1000H
0.10~0.39	7.49	SRCPF10-1000H
0.16~0.51	17.8	SRCPF15-1000H
0.18~0.58	25.3	SRCPF20-1000H

Catalog Number	Pitch mm (Module)	No. of teeth	Shape	Total Length				Mounting hole dimensions					
				A	B	C	D	E	F	G	No. of holes	Screw size	
● SRCPFD5-1000HJ	CP5 (1.5915)	200	RD	1000	15	20	18.41	8	50	180	6	M5	
● SRCPFD10-1000HJ	CP10 (3.1831)	100		1000	30	35	31.82	14	50	180	6	M10	
● SRCPFD15-1000HJ	CP15 (4.7746)	67		1005	50	50	45.23	20	62.5	220	5	M14	
● SRCPFD20-1000HJ	CP20 (6.3662)	50		1000	60	60	53.63	23	60	220	5	M16	

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	2080	1200	212	122	0.05~0.29	2.13	● SRCPFD5-1000HJ
10.8	17.5	11	8320	4980	848	508	0.10~0.39	7.29	● SRCPFD10-1000HJ
15.2	23	16	20800	12400	2120	1260	0.16~0.51	17.3	● SRCPFD15-1000HJ
17.5	26	18	33300	20800	3390	2120	0.18~0.58	24.5	● SRCPFD20-1000HJ

* 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


SSCP-H

Please see Page 290 for more details.