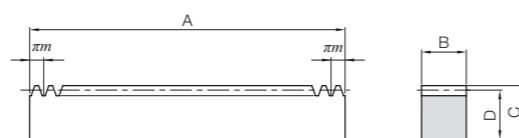
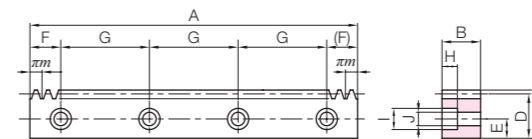


Specifications	
Precision grade	KHK R 001 grade 5
Gear teeth	Standard full depth
Pressure angle	20°
Material	SCM440
Heat treatment	Thermal refined, gear teeth induction hardened
Tooth hardness	50 to 60HRC
Surface treatment	Black oxide coating



RF

J Series



RD



Catalog Number	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
KRF1.5-1000H	m1.5	212	RF	999.03	15	20	18.5	3140	1710	320	175
KRF2-1000H	m2	160		1005.31	20	25	23	5570	3090	568	315
KRF2.5-1000H	m2.5	128		1005.31	25	30	27.5	8710	4890	888	499
KRF3-1000H	m3	106		999.03	30	35	32	12500	7110	1280	725
KRF4-1000H	m4	80		1005.31	40	45	41	22300	12900	2270	1310
KRF5-1000H	m5	64		1005.31	50	50	45	34800	20400	3550	2080

Backlash (mm)	Weight (kg)	Catalog Number
0.05~0.31	2.18	KRF1.5-1000H
0.07~0.34	3.63	KRF2-1000H
0.09~0.37	5.43	KRF2.5-1000H
0.10~0.41	7.53	KRF3-1000H
0.14~0.48	12.9	KRF4-1000H
0.16~0.53	17.8	KRF5-1000H

Catalog Number	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
● KRFD1.5-1000HJ	m1.5	212	RD	999.03	15	20	18.5	8	49.51	180	6	M5
● KRFD2-1000HJ	m2	160		1005.31	20	25	23	10	52.65	180	6	M6
● KRFD2.5-1000HJ	m2.5	128		1005.31	25	30	27.5	12	52.65	180	6	M8
● KRFD3-1000HJ	m3	106		999.03	30	35	32	14	49.51	180	6	M10
● KRFD4-1000HJ	m4	80		1005.31	40	45	41	18	52.65	180	6	M12
● KRFD5-1000HJ	m5	64		1005.31	50	50	45	20	62.65	220	5	M14

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	3140	1710	320	175	0.05~0.31	2.14	● KRFD1.5-1000HJ
7	11	7	5570	3090	568	315	0.07~0.34	3.58	● KRFD2-1000HJ
8.6	14	9	8710	4890	888	499	0.09~0.37	5.31	● KRFD2.5-1000HJ
10.8	17.5	11	12500	7110	1280	725	0.10~0.41	7.32	● KRFD3-1000HJ
13	20	14	22300	12900	2270	1310	0.14~0.48	12.6	● KRFD4-1000HJ
15.2	23	16	34800	20400	3550	2080	0.16~0.53	17.2	● KRFD5-1000HJ

Recommended Mating Pinions



KS-  Hardened Spur Gears

Please see Page 100 for more details.