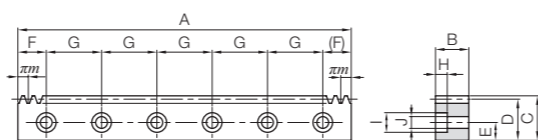




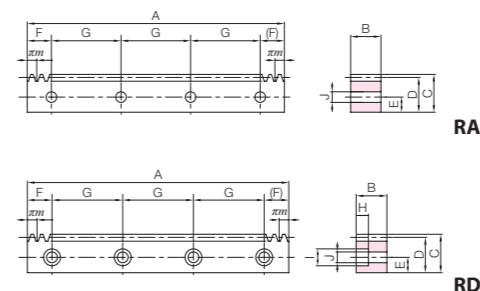
Specifications	
Precision grade	KHK R 001 Grade 4 *
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 210HB)
Surface treatment	Black oxide coating

* The precision grade of J Series products is equivalent to the value shown in the table.



RD

J Series



RD



Catalog Number ● : J Series (Available-on-request)	Module	No. of teeth	Shape	Total Length			Height to pitch line	Mounting hole dimensions				
				A	B	C		D	E	F	G	No. of holes
●SRFK0.5-300J	m0.5	191	RA	300.02	5	12	11.5	5.5	15.01	90	4	M3
●SRFK0.8-300J	m0.8	119		299.08	8	12.3	11.5	5.5	14.54	90	4	M4
●SRFK1-300J	m1	96		301.59	10	12	11	5	20.80	130	3	M4
●SRFK1-500J		159		499.51					24.76	150	4	
●SRFD1.5-300J	m1.5	64	RD	301.59	15	20	18.5	8	20.80	130	3	M5
●SRFD1.5-500J		106		499.51					24.76	150	4	
SRFD1.5-1000		212		999.03					49.51	180	6	
SRFD1.5-1500		320		1507.96					33.98	180	9	
SRFD1.5-2000		435		2049.88					34.94	180	12	
●SRFD2-300J	m2	48	RD	301.59	20	25	23	10	20.80	130	3	M6
●SRFD2-500J		80		502.65					26.33	150	4	
SRFD2-1000		160		1005.31					52.65	180	6	
SRFD2-1500		240		1507.96					33.98	180	9	
SRFD2-2000	326	2048.31	34.15	180	12							
●SRFD2.5-300J	m2.5	38	RD	298.45	25	30	27.5	12	19.23	130	3	M8
●SRFD2.5-500J		64		502.65					26.33	150	4	
SRFD2.5-1000		128		1005.31					52.65	180	6	
SRFD2.5-1500		192		1507.96					33.98	180	9	
SRFD2.5-2000		261		2049.88					34.94	180	12	
●SRFD3-300J	m3	32	RD	301.59	30	35	32	14	20.80	130	3	M10
●SRFD3-500J		53		499.51					24.76	150	4	
SRFD3-1000		106		999.03					49.51	180	6	
SRFD3-1500		160		1507.96					33.98	180	9	
SRFD3-2000		217		2045.17					32.58	180	12	
●SRFD4-500J	m4	40	RD	502.65	40	45	41	18	26.33	150	4	M12
SRFD4-1000		80		1005.31					52.65	180	6	
SRFD4-1500		120		1507.96					33.98	180	9	
SRFD4-2000		163		2048.31					34.15	180	12	
●SRFD5-500J	m5	32	RD	502.65	50	50	45	20	31.33	220	3	M14
SRFD5-1000		64		1005.31					62.65	220	5	
SRFD5-1500		96		1507.96					93.98	220	7	
SRFD5-2000		130		2042.04					31.02	220	10	
●SRFD6-500J	m6	26	RD	490.09	60	60	54	23	25.04	220	3	M16
SRFD6-1000		53		999.03					59.51	220	5	
SRFD6-1500		80		1507.96					93.98	220	7	
SRFD6-2000		108		2035.75					27.88	220	10	

[Caution on Secondary Operations] ① Avoid hardening racks with bolt holes, due to mounting hole deformation.

[Caution on J series] ① Cancellation is not possible for made-to-order products. See page 42 for lead times and allowable order quantities. See page 44 for other precautions.

Counterbore dimensions			Allowable force (N)		Allowable force (kgf)		Backlash (mm)	Weight (kg)	Catalog Number ● : J Series (Available-on-request)
H	I	J	Bending strength	Surface durability	Bending strength	Surface durability			
—	—	3.4	240	39.6	24.4	4.04	0.00~0.13	0.13	●SRFK0.5-300J
—	—	4.5	613	108	62.5	11.0	0.00~0.14	0.21	●SRFK0.8-300J
—	—	4.5	958	177	97.7	18.0	0.04~0.21	0.26	●SRFK1-300J
—	—	4.5	958	177	97.7	18.0	0.04~0.21	0.43	●SRFK1-500J
6	10	6	2160	421	220	42.9	0.09~0.25	0.64	●SRFD1.5-300J
6	10	6	2160	421	220	42.9	0.09~0.25	1.07	●SRFD1.5-500J
6	10	6	2160	421	220	42.9	0.09~0.25	2.14	SRFD1.5-1000
6	10	6	2160	421	220	42.9	0.09~0.25	3.23	SRFD1.5-1500
6	10	6	2160	421	220	42.9	0.09~0.25	4.40	SRFD1.5-2000
7	11	7	3830	775	391	79.0	0.11~0.28	1.06	●SRFD2-300J
7	11	7	3830	775	391	79.0	0.11~0.28	1.78	●SRFD2-500J
7	11	7	3830	775	391	79.0	0.11~0.28	3.58	SRFD2-1000
7	11	7	3830	775	391	79.0	0.11~0.28	5.36	SRFD2-1500
7	11	7	3830	775	391	79.0	0.11~0.28	7.29	SRFD2-2000
8.6	14	9	5990	1240	611	127	0.13~0.31	1.55	●SRFD2.5-300J
8.6	14	9	5990	1240	611	127	0.13~0.31	2.64	●SRFD2.5-500J
8.6	14	9	5990	1240	611	127	0.13~0.31	5.31	SRFD2.5-1000
8.6	14	9	5990	1240	611	127	0.13~0.31	7.97	SRFD2.5-1500
8.6	14	9	5990	1240	611	127	0.13~0.31	10.8	SRFD2.5-2000
10.8	17.5	11	8620	1820	879	186	0.14~0.35	2.17	●SRFD3-300J
10.8	17.5	11	8620	1820	879	186	0.14~0.35	3.63	●SRFD3-500J
10.8	17.5	11	8620	1820	879	186	0.14~0.35	7.32	SRFD3-1000
10.8	17.5	11	8620	1820	879	186	0.14~0.35	11.1	SRFD3-1500
10.8	17.5	11	8620	1820	879	186	0.14~0.35	15.0	SRFD3-2000
13	20	14	15300	3330	1560	339	0.18~0.42	6.21	●SRFD4-500J
13	20	14	15300	3330	1560	339	0.18~0.42	12.6	SRFD4-1000
13	20	14	15300	3330	1560	339	0.18~0.42	18.8	SRFD4-1500
13	20	14	15300	3330	1560	339	0.18~0.42	25.6	SRFD4-2000
15.2	23	16	24000	5300	2440	540	0.20~0.47	8.56	●SRFD5-500J
15.2	23	16	24000	5300	2440	540	0.20~0.47	17.2	SRFD5-1000
15.2	23	16	24000	5300	2440	540	0.20~0.47	25.9	SRFD5-1500
15.2	23	16	24000	5300	2440	540	0.20~0.47	35.0	SRFD5-2000
17.5	26	18	34500	7740	3520	789	0.22~0.54	12.0	●SRFD6-500J
17.5	26	18	34500	7740	3520	789	0.22~0.54	24.6	SRFD6-1000
17.5	26	18	34500	7740	3520	789	0.22~0.54	37.2	SRFD6-1500
17.5	26	18	34500	7740	3520	789	0.22~0.54	50.2	SRFD6-2000

Recommended Mating Pinions



SS Spur Gears

Please see Page 104 for more details.