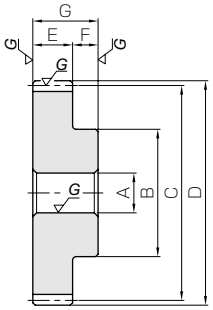
Specifications	
Precision grade	JIS grade N6 (JIS B1702-1: 1998) JIS grade 2 (JIS B1702: 1976)
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Transverse pressure angle	20°
Helix angle	21°30'
Material	SCM440
Heat treatment	Thermal refinined, tooth surface induction hardeded
Tooth hardness	45 ~ 55HRC



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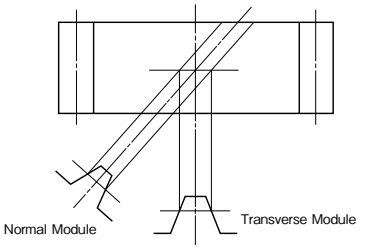
Catalog No.	Module	No. of teeth	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length
					A_{H7}	B	C	D	E	F	G
KHG1-20R **KHG1-20L**	*m*1	20	R L	S1	6	17	20	22	8	10	18
KHG1-22R **KHG1-22L**		22	R L	S1	8	18	22	24	8	10	18
KHG1-24R **KHG1-24L**		24	R L	S1	8	20	24	26	8	10	18
KHG1-25R **KHG1-25L**		25	R L	S1	8	20	25	27	8	10	18
KHG1-28R **KHG1-28L**		28	R L	S1	8	20	28	30	8	10	18
KHG1-30R **KHG1-30L**		30	R L	S1	10	25	30	32	8	10	18
KHG1-32R **KHG1-32L**		32	R L	S1	10	25	32	34	8	10	18
KHG1-35R **KHG1-35L**		35	R L	S1	10	25	35	37	8	10	18
KHG1-36R **KHG1-36L**		36	R L	S1	10	25	36	38	8	10	18
KHG1-40R **KHG1-40L**		40	R L	S1	10	30	40	42	8	10	18
KHG1-44R **KHG1-44L**		44	R L	S1	10	30	44	46	8	10	18
KHG1-45R **KHG1-45L**		45	R L	S1	10	30	45	47	8	10	18
KHG1-48R **KHG1-48L**		48	R L	S1	10	30	48	50	8	10	18
KHG1-50R **KHG1-50L**		50	R L	S1	12	35	50	52	8	10	18
KHG1-60R **KHG1-60L**		60	R L	S1	12	40	60	62	8	10	18
KHG1-70R **KHG1-70L**		70	R L	S1	12	40	70	72	8	10	18
KHG1-80R **KHG1-80L**		80	R L	S1	15	50	80	82	8	10	18
KHG1-90R **KHG1-90L**		90	R L	S1	15	50	90	92	8	10	18
KHG1-100R **KHG1-100L**		100	R L	S1	15	50	100	102	8	10	18

[Caution on Product Characteristics]

① The allowable torques shown in the table are calculated values according to the assumed usage conditions. Please see page 349 for more details.
② The backlash values shown in the table are the theoretical values for the backlash in the normal direction of a pair of identical gears in mesh.
③ These gears produce axial thrust forces. See page 351 for more details.
④ Right handed and left handed helical gears in the same module are designed to mesh as a pair, but KHG gears are not interchangeable with SH type helical gears.



* Above is for illustration purposes only and differs from actual tooth forms. To find more details, please see the section "4.3 Helical Gears" in the technical reference (Page 614).

Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog No.
Bending strength	Surface durability	Bending strength	Surface durability			
7.79	4.98	0.79	0.51	0.08~0.16	0.034	**KHG1-20R KHG1-20L**
8.92	6.14	0.91	0.63	0.08~0.16	0.037	**KHG1-22R KHG1-22L**
10.1	7.43	1.03	0.76	0.08~0.16	0.046	**KHG1-24R KHG1-24L**
10.7	8.12	1.09	0.83	0.08~0.16	0.048	**KHG1-25R KHG1-25L**
12.4	10.4	1.27	1.06	0.08~0.16	0.056	**KHG1-28R KHG1-28L**
13.6	12.1	1.39	1.23	0.08~0.16	0.072	**KHG1-30R KHG1-30L**
13.5	12.6	1.37	1.29	0.08~0.16	0.078	**KHG1-32R KHG1-32L**
15.1	15.4	1.54	1.57	0.08~0.16	0.088	**KHG1-35R KHG1-35L**
15.7	16.3	1.60	1.67	0.08~0.16	0.091	**KHG1-36R KHG1-36L**
17.9	20.5	1.83	2.10	0.08~0.16	0.12	**KHG1-40R KHG1-40L**
20.2	25.3	2.06	2.58	0.08~0.16	0.14	**KHG1-44R KHG1-44L**
20.7	26.5	2.12	2.71	0.08~0.16	0.14	**KHG1-45R KHG1-45L**
22.5	30.5	2.29	3.11	0.08~0.16	0.16	**KHG1-48R KHG1-48L**
23.6	33.3	2.41	3.40	0.08~0.16	0.18	**KHG1-50R KHG1-50L**
29.3	49.4	2.99	5.04	0.10~0.18	0.26	**KHG1-60R KHG1-60L**
35.2	68.9	3.58	7.02	0.10~0.18	0.32	**KHG1-70R KHG1-70L**
41.0	91.8	4.18	9.36	0.10~0.18	0.44	**KHG1-80R KHG1-80L**
46.9	118	4.78	12.1	0.10~0.18	0.53	**KHG1-90R KHG1-90L**
50.4	142	5.14	14.5	0.10~0.18	0.62	**KHG1-100R KHG1-100L**

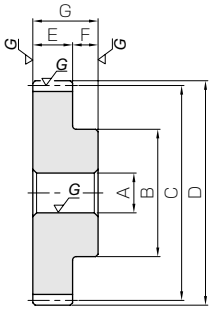
[Caution on Secondary Operations]

① Please read "Caution on Performing Secondary Operations" (Page 350) when performing modifications and/or secondary operations for safety concerns. Haguruma Kobo, the KHK's system for quick modification of KHK stock gears is also available.

② Due to the gear teeth being induction hardened, no secondary operations can be performed on tooth areas including the bottom land (approx. 1 to 2 mm).

③ While cutting off the entire hub may cause curvature deformation by residual stress, some products are straightened and annealed after refining the material.

Specifications	
Precision grade	JIS grade N6 (JIS B1702-1: 1998) JIS grade 2 (JIS B1702: 1976)
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Transverse pressure angle	20°
Helix angle	21°30'
Material	SCM440
Heat treatment	Thermal refinined, tooth surface induction hardeded
Tooth hardness	45 ~ 55HRC



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Catalog No.	Module	No. of teeth	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length
					A_{H7}	B	C	D	E	F	G
KHG1.5-20R **KHG1.5-20L**		20	R L	S1	12	24	30	33	12	12	24
KHG1.5-22R **KHG1.5-22L**		22	R L	S1	12	26	33	36	12	12	24
KHG1.5-24R **KHG1.5-24L**		24	R L	S1	12	28	36	39	12	12	24
KHG1.5-25R **KHG1.5-25L**		25	R L	S1	12	30	37.5	40.5	12	12	24
KHG1.5-26R **KHG1.5-26L**		26	R L	S1	12	32	39	42	12	12	24
KHG1.5-28R **KHG1.5-28L**		28	R L	S1	15	36	42	45	12	12	24
KHG1.5-30R **KHG1.5-30L**		30	R L	S1	15	38	45	48	12	12	24
KHG1.5-32R **KHG1.5-32L**		32	R L	S1	15	40	48	51	12	12	24
KHG1.5-35R **KHG1.5-35L**		35	R L	S1	15	42	52.5	55.5	12	12	24
KHG1.5-36R **KHG1.5-36L**		36	R L	S1	15	45	54	57	12	12	24
KHG1.5-40R **KHG1.5-40L**	***m*1.5**	40	R L	S1	15	50	60	63	12	12	24
KHG1.5-44R **KHG1.5-44L**		44	R L	S1	15	50	66	69	12	12	24
KHG1.5-45R **KHG1.5-45L**		45	R L	S1	18	50	67.5	70.5	12	12	24
KHG1.5-48R **KHG1.5-48L**		48	R L	S1	18	50	72	75	12	12	24
KHG1.5-50R **KHG1.5-50L**		50	R L	S1	18	60	75	78	12	12	24
KHG1.5-52R **KHG1.5-52L**		52	R L	S1	18	60	78	81	12	12	24
KHG1.5-60R **KHG1.5-60L**		60	R L	S1	20	60	90	93	12	12	24
KHG1.5-70R **KHG1.5-70L**		70	R L	S1	20	60	105	108	12	12	24
KHG1.5-80R **KHG1.5-80L**		80	R L	S1	20	70	120	123	12	12	24
KHG1.5-90R **KHG1.5-90L**		90	R L	S1	20	70	135	138	12	12	24
KHG1.5-100R **KHG1.5-100L**		100	R L	S1	20	70	150	153	12	12	24

[Caution on Product Characteristics]

① The allowable torques shown in the table are calculated values according to the assumed usage conditions. Please see page 349 for more details.
② The backlash values shown in the table are the theoretical values for the backlash in the normal direction of a pair of identical gears in mesh.
③ These gears produce axial thrust forces. See page 351 for more details.
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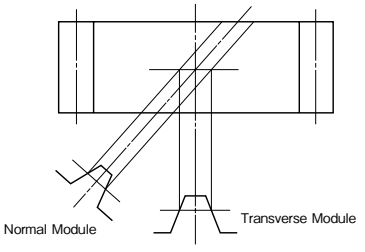

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Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog No.
Bending strength	Surface durability	Bending strength	Surface durability			
26.3	18.5	2.68	1.89	0.08~0.16	0.088	**KHG1.5-20R KHG1.5-20L**
27.4	20.8	2.79	2.12	0.08~0.16	0.11	**KHG1.5-22R KHG1.5-22L**
30.9	25.3	3.15	2.58	0.08~0.16	0.13	**KHG1.5-24R KHG1.5-24L**
32.7	27.7	3.33	2.83	0.08~0.16	0.15	**KHG1.5-25R KHG1.5-25L**
34.5	30.2	3.52	3.08	0.08~0.16	0.17	**KHG1.5-26R KHG1.5-26L**
38.1	35.7	3.89	3.64	0.08~0.16	0.19	**KHG1.5-28R KHG1.5-28L**
41.8	41.6	4.26	4.24	0.08~0.16	0.22	**KHG1.5-30R KHG1.5-30L**
45.5	48.0	4.64	4.89	0.08~0.16	0.26	**KHG1.5-32R KHG1.5-32L**
51.1	58.5	5.21	5.96	0.10~0.18	0.30	**KHG1.5-35R KHG1.5-35L**
52.9	62.2	5.40	6.35	0.10~0.18	0.33	**KHG1.5-36R KHG1.5-36L**
60.5	78.5	6.17	8.00	0.10~0.18	0.42	**KHG1.5-40R KHG1.5-40L**
68.1	96.8	6.95	9.87	0.10~0.18	0.47	**KHG1.5-44R KHG1.5-44L**
70.0	102	7.14	10.4	0.10~0.18	0.47	**KHG1.5-45R KHG1.5-45L**
75.8	117	7.73	12.0	0.10~0.18	0.52	**KHG1.5-48R KHG1.5-48L**
79.6	128	8.12	13.1	0.10~0.18	0.63	**KHG1.5-50R KHG1.5-50L**
83.5	140	8.51	14.2	0.10~0.18	0.67	**KHG1.5-52R KHG1.5-52L**
99.1	191	10.1	19.5	0.10~0.18	0.81	**KHG1.5-60R KHG1.5-60L**
114	256	11.6	26.1	0.12~0.20	1.02	**KHG1.5-70R KHG1.5-70L**
132	343	13.5	35.0	0.12~0.20	1.37	**KHG1.5-80R KHG1.5-80L**
151	442	15.4	45.1	0.12~0.20	1.65	**KHG1.5-90R KHG1.5-90L**
170	554	17.4	56.5	0.12~0.20	1.97	**KHG1.5-100R KHG1.5-100L**

[Caution on Secondary Operations]

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② Due to the gear teeth being induction hardened, no secondary operations can be performed on tooth areas including the bottom land (approx. 1 to 2 mm).

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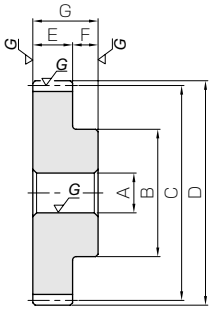
Specifications	
Precision grade	JIS grade N6 (JIS B1702-1: 1998) JIS grade 2 (JIS B1702: 1976)
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Transverse pressure angle	20°
Helix angle	21°30'
Material	SCM440
Heat treatment	Thermal refinined, tooth surface induction hardeded
Tooth hardness	45 ~ 55HRC



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Catalog No.	Module	No. of teeth	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length
					A_{H7}	B	C	D	E	F	G
KHG2-15R **KHG2-15L**	*m*2	15	R L	S1	12	24	30	34	16	13	29
KHG2-16R **KHG2-16L**		16	R L	S1	12	26	32	36	16	13	29
KHG2-18R **KHG2-18L**		18	R L	S1	12	30	36	40	16	13	29
KHG2-20R **KHG2-20L**		20	R L	S1	15	32	40	44	16	13	29
KHG2-22R **KHG2-22L**		22	R L	S1	15	36	44	48	16	13	29
KHG2-24R **KHG2-24L**		24	R L	S1	15	38	48	52	16	13	29
KHG2-25R **KHG2-25L**		25	R L	S1	15	40	50	54	16	13	29
KHG2-26R **KHG2-26L**		26	R L	S1	15	42	52	56	16	13	29
KHG2-28R **KHG2-28L**		28	R L	S1	15	45	56	60	16	13	29
KHG2-30R **KHG2-30L**		30	R L	S1	18	50	60	64	16	13	29
KHG2-32R **KHG2-32L**		32	R L	S1	18	50	64	68	16	13	29
KHG2-35R **KHG2-35L**		35	R L	S1	18	50	70	74	16	13	29
KHG2-36R **KHG2-36L**		36	R L	S1	18	50	72	76	16	13	29
KHG2-40R **KHG2-40L**		40	R L	S1	20	60	80	84	16	13	29
KHG2-44R **KHG2-44L**		44	R L	S1	20	60	88	92	16	13	29
KHG2-45R **KHG2-45L**		45	R L	S1	20	60	90	94	16	13	29
KHG2-48R **KHG2-48L**		48	R L	S1	20	60	96	100	16	13	29
KHG2-50R **KHG2-50L**		50	R L	S1	25	60	100	104	16	13	29
KHG2-52R **KHG2-52L**		52	R L	S1	25	65	104	108	16	13	29
KHG2-60R **KHG2-60L**		60	R L	S1	25	65	120	124	16	13	29
KHG2-70R **KHG2-70L**		70	R L	S1	25	70	140	144	16	13	29
KHG2-80R **KHG2-80L**		80	R L	S1	25	80	160	164	16	13	29
KHG2-90R **KHG2-90L**		90	R L	S1	25	90	180	184	16	13	29
KHG2-100R **KHG2-100L**		100	R L	S1	25	100	200	204	16	13	29

[Caution on Product Characteristics]

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② The backlash values shown in the table are the theoretical values for the backlash in the normal direction of a pair of identical gears in mesh.
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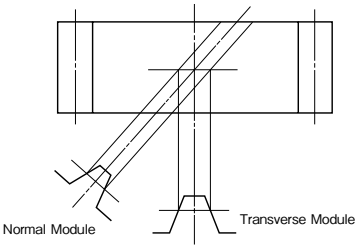

Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog No.
Bending strength	Surface durability	Bending strength	Surface durability			
40.5	22.8	4.13	2.32	0.10~0.20	0.11	**KHG2-15R KHG2-15L**
40.6	24.1	4.14	2.46	0.10~0.20	0.13	**KHG2-16R KHG2-16L**
48.5	31.9	4.95	3.25	0.10~0.20	0.17	**KHG2-18R KHG2-18L**
56.6	40.8	5.77	4.16	0.10~0.20	0.20	**KHG2-20R KHG2-20L**
64.9	50.6	6.62	5.16	0.10~0.20	0.25	**KHG2-22R KHG2-22L**
73.3	61.4	7.47	6.26	0.10~0.20	0.30	**KHG2-24R KHG2-24L**
77.5	67.3	7.90	6.86	0.10~0.20	0.33	**KHG2-25R KHG2-25L**
81.8	73.4	8.34	7.49	0.12~0.22	0.37	**KHG2-26R KHG2-26L**
90.4	86.6	9.21	8.83	0.12~0.22	0.43	**KHG2-28R KHG2-28L**
99.1	101	10.1	10.3	0.12~0.22	0.50	**KHG2-30R KHG2-30L**
108	117	11.0	11.9	0.12~0.22	0.55	**KHG2-32R KHG2-32L**
121	142	12.3	14.5	0.12~0.22	0.63	**KHG2-35R KHG2-35L**
126	151	12.8	15.4	0.12~0.22	0.65	**KHG2-36R KHG2-36L**
143	191	14.6	19.5	0.12~0.22	0.85	**KHG2-40R KHG2-40L**
161	236	16.5	24.0	0.12~0.22	0.98	**KHG2-44R KHG2-44L**
166	248	16.9	25.3	0.12~0.22	1.02	**KHG2-45R KHG2-45L**
172	273	17.5	27.9	0.12~0.22	1.13	**KHG2-48R KHG2-48L**
181	299	18.4	30.5	0.12~0.22	1.16	**KHG2-50R KHG2-50L**
189	326	19.3	33.2	0.14~0.24	1.29	**KHG2-52R KHG2-52L**
225	447	22.9	45.6	0.14~0.24	1.65	**KHG2-60R KHG2-60L**
269	625	27.4	63.7	0.14~0.24	2.21	**KHG2-70R KHG2-70L**
301	799	30.7	81.4	0.14~0.24	2.93	**KHG2-80R KHG2-80L**
344	1030	35.0	105	0.14~0.24	3.73	**KHG2-90R KHG2-90L**
387	1290	39.4	132	0.14~0.24	4.64	**KHG2-100R KHG2-100L**

[Caution on Secondary Operations]

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Specifications	
Precision grade	JIS grade N6 (JIS B1702-1: 1998) JIS grade 2 (JIS B1702: 1976)
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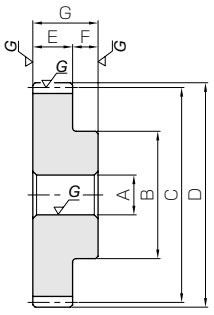
Transverse pressure angle	20°
Helix angle	21°30'
Material	SCM440
Heat treatment	Thermal refinined, tooth surface induction hardeded
Tooth hardness	45 ~ 55HRC



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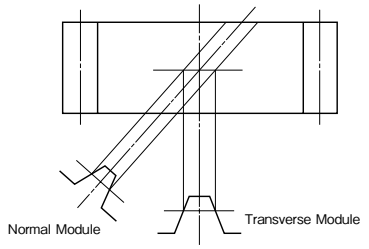
Catalog No.	Module	No. of teeth	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length
					A_{H7}	B	C	D	E	F	G
KHG2.5-15R **KHG2.5-15L**	*m*2.5	15	R L	S1	15	30	37.5	42.5	20	14	34
KHG2.5-16R **KHG2.5-16L**		16	R L	S1	15	32	40	45	20	14	34
KHG2.5-18R **KHG2.5-18L**		18	R L	S1	15	38	45	50	20	14	34
KHG2.5-20R **KHG2.5-20L**		20	R L	S1	18	40	50	55	20	14	34
KHG2.5-22R **KHG2.5-22L**		22	R L	S1	18	44	55	60	20	14	34
KHG2.5-24R **KHG2.5-24L**		24	R L	S1	18	48	60	65	20	14	34
KHG2.5-25R **KHG2.5-25L**		25	R L	S1	20	50	62.5	67.5	20	14	34
KHG2.5-26R **KHG2.5-26L**		26	R L	S1	20	50	65	70	20	14	34
KHG2.5-28R **KHG2.5-28L**		28	R L	S1	20	60	70	75	20	14	34
KHG2.5-30R **KHG2.5-30L**		30	R L	S1	20	65	75	80	20	14	34
KHG2.5-32R **KHG2.5-32L**		32	R L	S1	20	70	80	85	20	14	34
KHG2.5-35R **KHG2.5-35L**		35	R L	S1	20	70	87.5	92.5	20	14	34
KHG2.5-36R **KHG2.5-36L**		36	R L	S1	20	70	90	95	20	14	34
KHG2.5-40R **KHG2.5-40L**		40	R L	S1	25	70	100	105	20	14	34
KHG2.5-44R **KHG2.5-44L**		44	R L	S1	25	75	110	115	20	14	34
KHG2.5-45R **KHG2.5-45L**		45	R L	S1	25	75	112.5	117.5	20	14	34
KHG2.5-48R **KHG2.5-48L**		48	R L	S1	25	75	120	125	20	14	34
KHG2.5-50R **KHG2.5-50L**		50	R L	S1	25	80	125	130	20	14	34
KHG2.5-52R **KHG2.5-52L**		52	R L	S1	25	80	130	135	20	14	34
KHG2.5-60R **KHG2.5-60L**		60	R L	S1	25	80	150	155	20	14	34

[Caution on Product Characteristics]

① The allowable torques shown in the table are calculated values according to the assumed usage conditions. Please see page 349 for more details.
② The backlash values shown in the table are the theoretical values for the backlash in the normal direction of a pair of identical gears in mesh.
③ These gears produce axial thrust forces. See page 351 for more details.
④ Right handed and left handed helical gears in the same module are designed to mesh as a pair, but KHG gears are not interchangeable with SH type helical gears.



* Above is for illustration purposes only and differs from actual tooth forms. To find more details, please see the section "4.3 Helical Gears" in the technical reference (Page 614).

Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog No.
Bending strength	Surface durability	Bending strength	Surface durability			
71.8	41.1	7.32	4.19	0.10~0.20	0.20	**KHG2.5-15R KHG2.5-15L**
79.4	47.9	8.09	4.89	0.10~0.20	0.24	**KHG2.5-16R KHG2.5-16L**
94.8	63.4	9.67	6.47	0.10~0.20	0.33	**KHG2.5-18R KHG2.5-18L**
111	81.3	11.3	8.29	0.10~0.20	0.38	**KHG2.5-20R KHG2.5-20L**
127	101	12.9	10.3	0.12~0.22	0.47	**KHG2.5-22R KHG2.5-22L**
143	122	14.6	12.5	0.12~0.22	0.57	**KHG2.5-24R KHG2.5-24L**
151	134	15.4	13.7	0.12~0.22	0.61	**KHG2.5-25R KHG2.5-25L**
160	146	16.3	14.9	0.12~0.22	0.65	**KHG2.5-26R KHG2.5-26L**
176	173	18.0	17.6	0.12~0.22	0.83	**KHG2.5-28R KHG2.5-28L**
193	201	19.7	20.5	0.12~0.22	0.97	**KHG2.5-30R KHG2.5-30L**
211	232	21.5	23.7	0.12~0.22	1.13	**KHG2.5-32R KHG2.5-32L**
236	284	24.1	28.9	0.12~0.22	1.28	**KHG2.5-35R KHG2.5-35L**
245	302	25.0	30.8	0.12~0.22	1.34	**KHG2.5-36R KHG2.5-36L**
268	365	27.3	37.2	0.12~0.22	1.53	**KHG2.5-40R KHG2.5-40L**
302	451	30.8	46.0	0.14~0.24	1.85	**KHG2.5-44R KHG2.5-44L**
310	474	31.6	48.3	0.14~0.24	1.92	**KHG2.5-45R KHG2.5-45L**
336	547	34.2	55.8	0.14~0.24	2.13	**KHG2.5-48R KHG2.5-48L**
353	599	36.0	61.0	0.14~0.24	2.35	**KHG2.5-50R KHG2.5-50L**
370	652	37.7	66.5	0.14~0.24	2.51	**KHG2.5-52R KHG2.5-52L**
439	890	44.7	90.8	0.14~0.24	3.20	**KHG2.5-60R KHG2.5-60L**

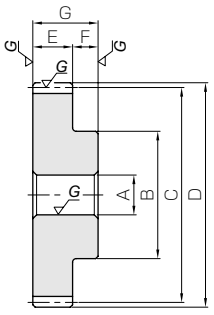
[Caution on Secondary Operations]

①Please read "Caution on Performing Secondary Operations" (Page 350) when performing modifications and/or secondary operations for safety concerns. Haguruma Kobo, the KHK's system for quick modification of KHK stock gears is also available.

②Due to the gear teeth being induction hardened, no secondary operations can be performed on tooth areas including the bottom land (approx. 1 to 2 mm).

③While cutting off the entire hub may cause curvature deformation by residual stress, some products are straightened and annealed after refining the material.

Specifications	
Precision grade	JIS grade N6 (JIS B1702-1: 1998) JIS grade 2 (JIS B1702: 1976)
Reference section of gear	Rotating plane
Gear teeth	Standard full depth
Transverse pressure angle	20°
Helix angle	21°30'
Material	SCM440
Heat treatment	Thermal refinined, tooth surface induction hardeded
Tooth hardness	45 ~ 55HRC



S1

Catalog No.	Module	No. of teeth	Direction of helix	Shape	Bore	Hub dia.	Pitch dia.	Outside dia.	Face width	Hub width	Total length
					A_{H7}	B	C	D	E	F	G
KHG3-15R **KHG3-15L**	*m*3	15	R L	S1	18	36	45	51	25	16	41
KHG3-16R **KHG3-16L**		16	R L	S1	18	38	48	54	25	16	41
KHG3-18R **KHG3-18L**		18	R L	S1	18	40	54	60	25	16	41
KHG3-20R **KHG3-20L**		20	R L	S1	20	50	60	66	25	16	41
KHG3-22R **KHG3-22L**		22	R L	S1	20	54	66	72	25	16	41
KHG3-24R **KHG3-24L**		24	R L	S1	20	58	72	78	25	16	41
KHG3-25R **KHG3-25L**		25	R L	S1	20	60	75	81	25	16	41
KHG3-26R **KHG3-26L**		26	R L	S1	20	60	78	84	25	16	41
KHG3-28R **KHG3-28L**		28	R L	S1	20	70	84	90	25	16	41
KHG3-30R **KHG3-30L**		30	R L	S1	25	75	90	96	25	16	41
KHG3-32R **KHG3-32L**		32	R L	S1	25	75	96	102	25	16	41
KHG3-35R **KHG3-35L**		35	R L	S1	25	80	105	111	25	16	41
KHG3-36R **KHG3-36L**		36	R L	S1	25	80	108	114	25	16	41
KHG3-40R **KHG3-40L**		40	R L	S1	25	80	120	126	25	16	41
KHG3-44R **KHG3-44L**		44	R L	S1	25	80	132	138	25	16	41
KHG3-45R **KHG3-45L**		45	R L	S1	25	80	135	141	25	16	41
KHG3-48R **KHG3-48L**		48	R L	S1	25	85	144	150	25	16	41
KHG3-50R **KHG3-50L**		50	R L	S1	30	85	150	156	25	16	41
KHG3-52R **KHG3-52L**		52	R L	S1	30	85	156	162	25	16	41
KHG3-60R **KHG3-60L**		60	R L	S1	30	90	180	186	25	16	41

[Caution on Product Characteristics]

① The allowable torques shown in the table are calculated values according to the assumed usage conditions. Please see page 349 for more details.
② The backlash values shown in the table are the theoretical values for the backlash in the normal direction of a pair of identical gears in mesh.
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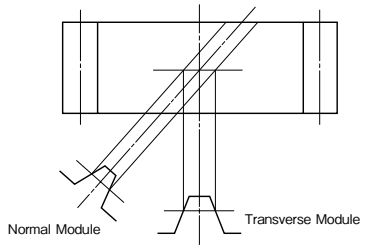

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Allowable torque (N·m)		Allowable torque (kgf·m)		Backlash (mm)	Weight (kg)	Catalog No.
Bending strength	Surface durability	Bending strength	Surface durability			
129	74.7	13.2	7.62	0.10~0.20	0.36	**KHG3-15R KHG3-15L**
143	87.2	14.6	8.89	0.10~0.20	0.42	**KHG3-16R KHG3-16L**
171	115	17.4	11.8	0.12~0.22	0.53	**KHG3-18R KHG3-18L**
199	148	20.3	15.1	0.12~0.22	0.70	**KHG3-20R KHG3-20L**
228	184	23.3	18.8	0.12~0.22	0.86	**KHG3-22R KHG3-22L**
258	224	26.3	22.8	0.12~0.22	1.03	**KHG3-24R KHG3-24L**
272	245	27.8	25.0	0.12~0.22	1.12	**KHG3-25R KHG3-25L**
287	268	29.3	27.3	0.12~0.22	1.19	**KHG3-26R KHG3-26L**
318	316	32.4	32.2	0.12~0.22	1.47	**KHG3-28R KHG3-28L**
348	369	35.5	37.6	0.12~0.22	1.65	**KHG3-30R KHG3-30L**
363	407	37.0	41.5	0.12~0.22	1.82	**KHG3-32R KHG3-32L**
407	498	41.5	50.7	0.14~0.24	2.17	**KHG3-35R KHG3-35L**
422	530	43.0	54.0	0.14~0.24	2.27	**KHG3-36R KHG3-36L**
482	670	49.2	68.3	0.14~0.24	2.69	**KHG3-40R KHG3-40L**
543	828	55.4	84.4	0.14~0.24	3.16	**KHG3-44R KHG3-44L**
558	869	56.9	88.6	0.14~0.24	3.28	**KHG3-45R KHG3-45L**
604	1000	61.6	102	0.14~0.24	3.75	**KHG3-48R KHG3-48L**
635	1090	64.7	112	0.14~0.24	3.95	**KHG3-50R KHG3-50L**
666	1190	67.9	122	0.14~0.24	4.24	**KHG3-52R KHG3-52L**
757	1560	77.2	159	0.14~0.24	5.57	**KHG3-60R KHG3-60L**

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