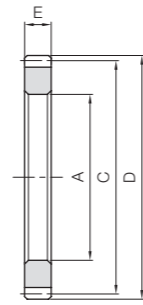




Specifications	
Precision grade	JIS grade N9 (JIS B1702-1: 1998)
Gear teeth	Standard full depth
Pressure angle	20°
Material	S45C
Heat treatment	—
Tooth hardness	(less than 194HB)



S5

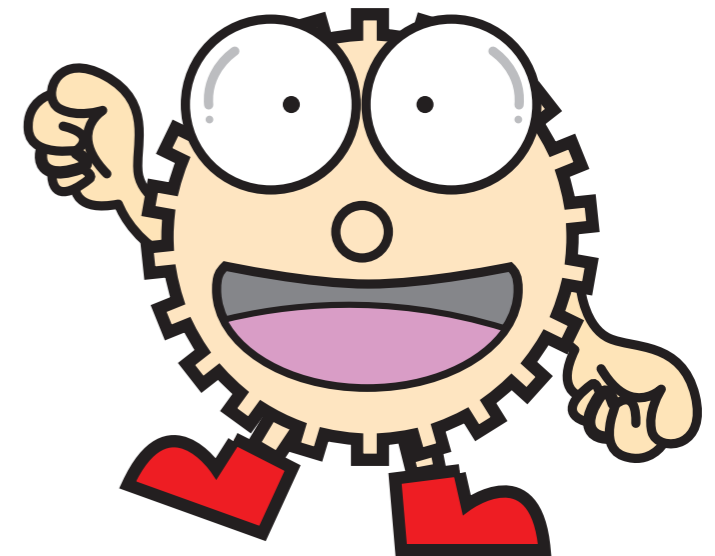
Catalog Number	Module	No. of teeth	Shape	Bore		Pitch dia.	Outside dia.	Face width	Allowable torque (N·m)		Allowable torque (kgf·m)	
				A _{H8}	C				D	E	Bending strength	Surface durability
SSR2-120 SSR2-200	m2	120 200	S5	194 354	240 400	244 404	20	366 630	44.0 84.2	37.4 64.3	4.49 8.59	
SSR2.5-120 SSR2.5-200	m2.5	120 200	S5	245 445	300 500	305 505	25	715 1230	88.5 169	72.9 126	9.02 17.2	
SSR3-120 SSR3-160	m3	120 160	S5	296 416	360 480	366 486	30	1240 1680	157 226	126 171	16.0 23.0	

- [Caution on Product Characteristics]
- The backlash values shown in the table are the theoretical values for the normal direction for the internal ring in mesh with an SS spur gear.
 - The bore tolerance is modified at H8, but there may be some errors as the ring shape deforms easily.

Backlash (mm)	Weight (kg)	Catalog Number
0.12~0.26	2.46 4.28	SSR2-120 SSR2-200
0.14~0.28	4.62 8.01	SSR2.5-120 SSR2.5-200
0.14~0.32	7.77 10.6	SSR3-120 SSR3-160



Helical Gears



Catalog Number of KHK Stock Gears

The Catalog Number for KHK stock gears is based on the simple formula listed below. Please order KHK gears by specifying the Catalog Numbers.

(Example) Helical Gears

K H G 1 - 20 R

Direction of Helix (Right)

No. of Teeth (20)

Module (1)

Other Products (Ground Gears)

Type (Helical Gears)

Material (SCM440)

Material

S S45C

K SCM440

Type

H Helical Gears

Other Information

G Ground Gears