

Discontinue

Standard

1. Standard model No. (Reducer series)

Product specifications

Compact

Standard

Table
Roller gear cam drive

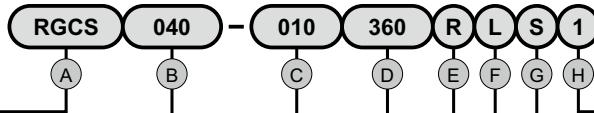
Wide angle

Basic

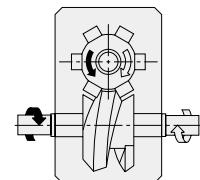
Parallel cam drive

Linear/Circular
Picks and
Plates drive

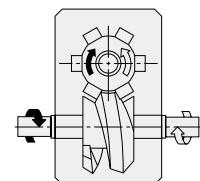
Option



(A) Model	(B) Shaft interval	(C) Reduction ratio (id)	(D) Total index angle (θ_t)	(E) Cam curve	(F) Spiral direction of the cam
RGCS	040 40 mm	003 1/3	360	R Constant velocity rotation Curve	L Left helix
	050 50 mm	004 1/4			R Right helix
	063 63 mm	005 1/5			
	080 80 mm	006 1/6			
	110 110 mm	008 1/8			
	140 140 mm	009 1/9			
	180 180 mm	010 1/10			
	250 250 mm	012 1/12			



Left helix



Right helix

For details of the timing chart, refer to B-7.

Example of model No. (1)

RGCS050-005360RRF1

Shaft interval 50 mm

Reduction ratio 1/5

Total index angle 360°

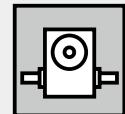
Cam curve Constant velocity rotation curve

Spiral direction of the cam Right helix

Shape of the output shaft Flange

Installation position and the material of housing Position #1 and Fc housing

Discontinue



Product specifications

Compact

Roller gear cam drive
Table

Wide angle

Basic
Parallel cam drive

Pick and
Place drive
Linear
Circular
Option

(G) Shape of the output shaft		(H) Installation position and the material of housing											
S	Straight	1	Position #1/Fc housing	■ Position #1	Output shaft	Input shaft	■ Position #2						
F	Flange	2	Position #2/Fc housing	a			b	Input shaft	Input shaft	c	Output shaft		
	* When a torque saver (optional) is installed, the code will be S.	3	Position #3/Fc housing										
		4	Position #4/Fc housing	■ Position #3	Input shaft	a	b	Input shaft	■ Position #4	Input shaft	Output shaft	c	Output shaft
		5	Position #5/Fc housing	a					a			b	
		6	Position #6/Fc housing	b					b			c	
				c					c				

a: Oil supply port

b: Oil level gauge

c: Drain port