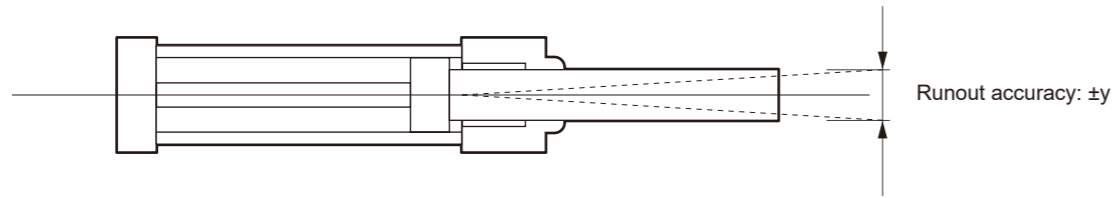


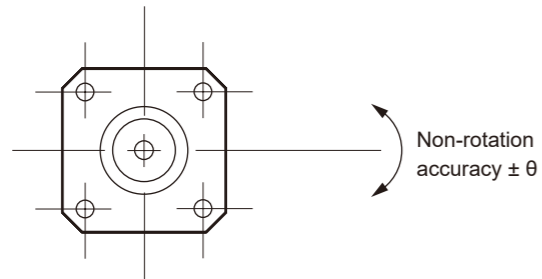
Runout accuracy



(Unit: mm)

Bore Size	Runout accuracy: ±y (Default value)	Standard Stroke							
		100	200	300	400	500	600	700	
ø40	$y = (74 + \text{Stroke}) \times 3.66 \times 10^{-3}$	0.64	1.00	1.37	1.73	2.10	-	-	
ø50	$y = (82.5 + \text{Stroke}) \times 3.50 \times 10^{-3}$	0.64	0.99	1.34	1.69	2.04	-	-	
ø63	$y = (88 + \text{Stroke}) \times 3.36 \times 10^{-3}$	0.63	0.98	1.30	1.64	1.98	-	-	
ø80	$y = (108 + \text{Stroke}) \times 3.36 \times 10^{-3}$	0.58	0.86	1.14	1.42	1.70	1.98	2.26	
ø100	$y = (122.5 + \text{Stroke}) \times 3.36 \times 10^{-3}$	0.64	0.92	1.21	1.50	1.78	2.07	2.35	

Non-rotation accuracy



(Unit: Degrees)

Bore Size	Non-rotation accuracy ±θ (Default value)
ø40	0.57
ø50	0.38
ø63	0.33
ø80	0.28
ø100	0.24



Pneumatic Equipment

To Use This Product Safely

Be sure to read this before use. For general cylinder information, see Intro 41, and for Cylinder Switches, see P. 1512.

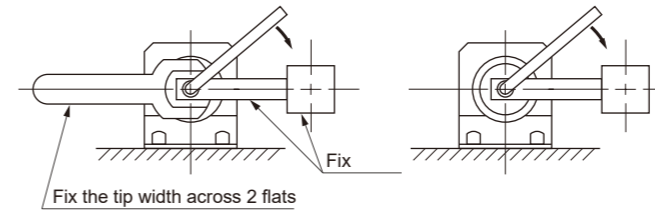
Individual Precautions: High rigidity guideless cylinder GLC Series

Design / Selection

Warning

Assembling the Piston Rod End

When assembling jigs, etc. to the Piston Rod tip (female thread type, male thread type, flange type), do not apply torque exceeding 5 times the allowable rotational torque to the cylinder and Piston Rod. This will cause damage to the non-rotating mechanism. When tightening, fix the width across 2 flats of the Rod End and the tip flange and tighten.



OK

X

CAUTION

When using cylinder switch R1□, R2□ or R3□, place the attached rubber plate under the switch base when mounting.

Number of sheets to attach

- ø40 : 0
- ø50 : 4
- ø63 : 3
- ø80 : 5
- ø100 : 3

During Use

Warning

Cushion is provided (rubber cushion). Please use within the allowable absorbed energy. If used beyond the allowable value, the product may be damaged.

For precautions during mounting, installation, adjustment, use, and maintenance, refer to "During Use" in this catalog and the CKD Components Product website (<https://www.ckd.co.jp/kiki/en/>) -> "Model No." -> [Instruction Manual](#).