

# High load/high accuracy positioning.

The table rotary actuator GRC series realizes high load, direct mounting and high position accuracy thanks to a bearing guide.

## 1 Excellent flexibility in design

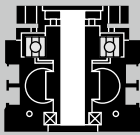
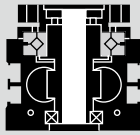
### ● New industry-first <sup>GRC-5</sup> Torque 5 (0.5 N·m) compact.

Unprecedented miniature size

**5/10/20/30/50/80** sizes available.

### ● Standard and high accuracy are available with the same dimensions.

Model changes for lines (standard or high accuracy) can be conducted quickly.

Basic <b>GRC</b>	High accuracy <b>GRC-K</b>
	
Stable operation with radial bearing	Cross roller bearing used for high accuracy/high load

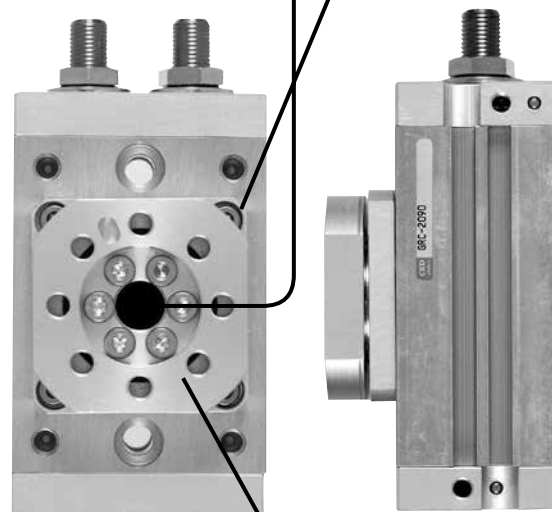
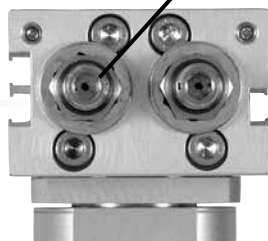
### ● 90° and 180° specifications are available.

A more compact form can be achieved by selecting a 90° oscillation angle.

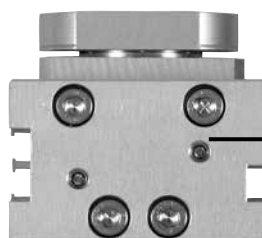
### GRC Series variation

	Basic GRC	High accuracy GRC-K
With switch	●	●
Size (torque value at 0.5 MPa)		
5 (0.5 N·m)	●	—
10 (1.0 N·m)	●	●
20 (2.0 N·m)	●	●
30 (3.0 N·m)	●	●
50 (5.2 N·m)	●	●
80 (8.1 N·m)	●	●
Oscillating angle		
90°	●	●
180°	●	●
Option		
Shock absorber stopper	●	●

Comes with an angle adjustment bolt with rubber cushion for adjusting the oscillation angle.



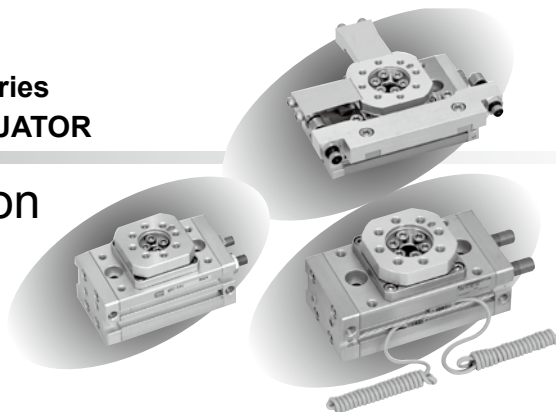
Rotary table with directly mountable load



# GRC Series

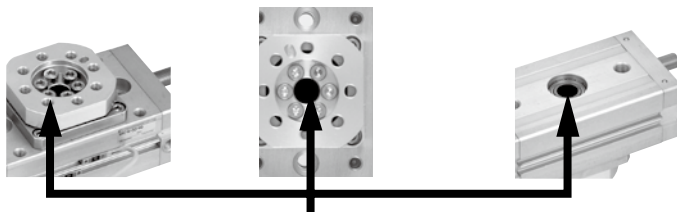
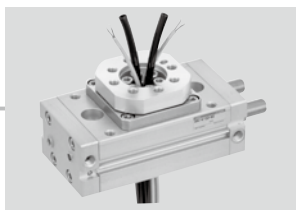
## TABLE ROTARY ACTUATOR

Rack and pinion



## 2 Superior installability

- Select among 3 surfaces for piping port leadout directions.
- Large hollow diameter keeps piping and wiring simple.  
Hollow hole diameters of  $\varnothing 4$  to  $\varnothing 17$  are available.
- Positioning spigots for the table top (4 positions) and the body bottom (1 position) are available.

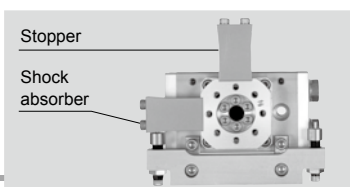


Spigot for positioning

## 3 Superior operability

- Stable operation with external stopper

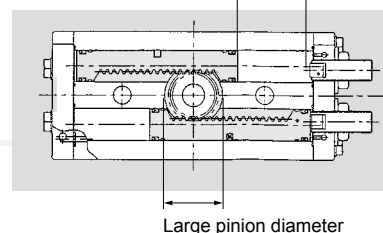
Smooth stopping is possible without backlash due to the external stopper and shock absorber (optional).



Long piston stroke length

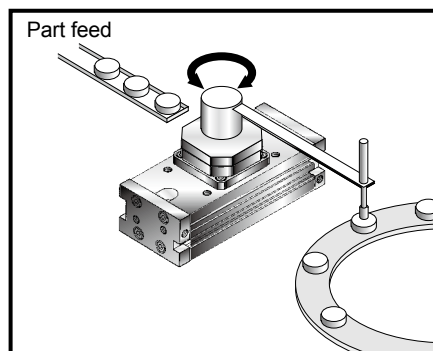
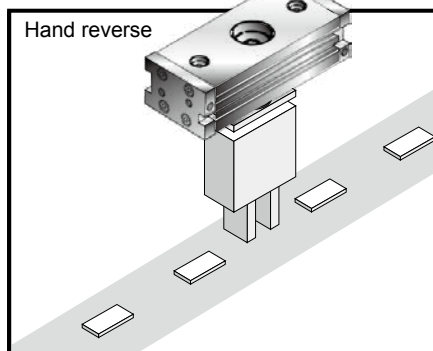
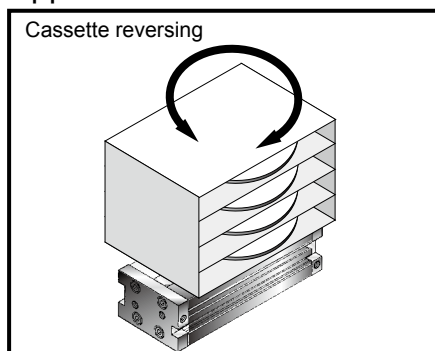
- 1.5 s/90° low speed operation

The large pinion diameter and long piston stroke length achieve low speed operation.



Large pinion diameter

### Applications



LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/JSC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
<b>RRC</b>
<b>GRC</b>
<b>RV3*</b>
NHS
HRL
LN
Hand
Chuk
MechHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending