

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.

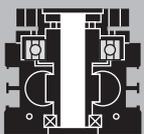
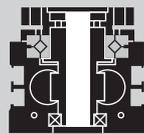
1 Flexible design

- The industry's first compact type GRC-5 Torque 5 (0.5 N·m)

Unprecedented miniature sizes
5/10/20/30/50/80 sizes available.

- Standard and high accuracy are available with the same dimension

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

<p>Basic GRC</p>  <p>Reliable operation with radial bearing</p>	<p>High accuracy GRC-K</p>  <p>Cross roller bearing used for high accuracy / high load</p>
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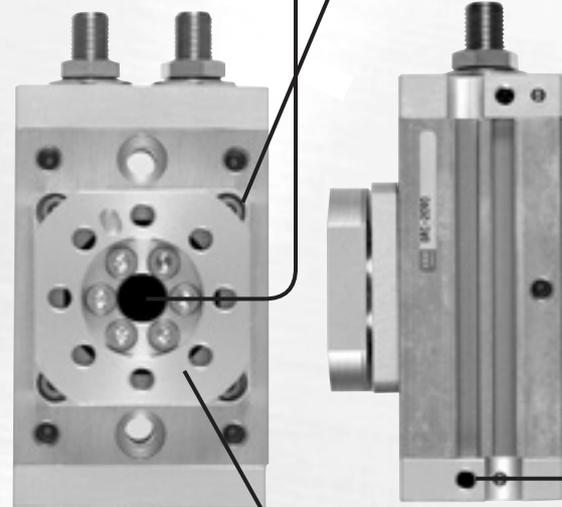
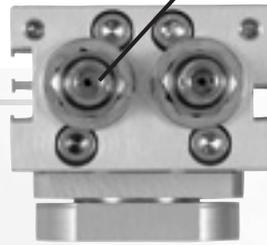
- 90° and 180° specifications are available separately.

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

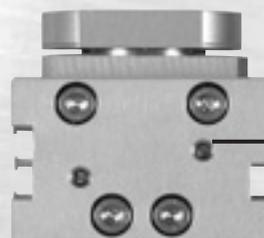
GRC SERIES variations

	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°	●	●

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



Rotary table enabling direct mount of load

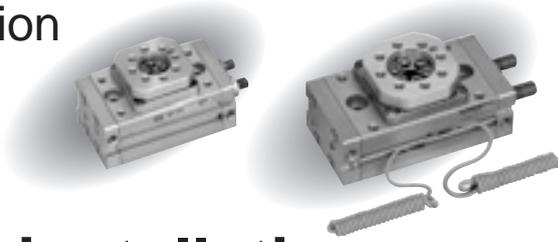


SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
LCX
STM
STG
STR2
MRL2
GRC
Cylinder switch
MN3E
MN4E
4GA/B
M4GA/B
MN4GA/B
F.R (module unit)
Clean F.R
Precision R
Press gauge
Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for air blow
Ending

GRC Series

TABLE TYPE ROTARY ACTUATOR

Rack and pinion

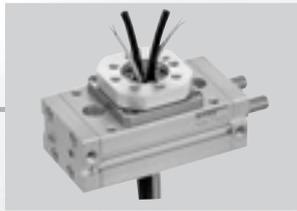


2 Easy installation

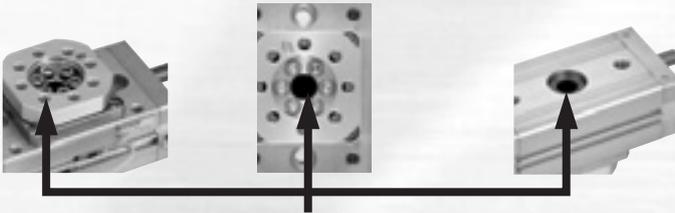
- Piping port direction can be selected from 3 sides.

- Large hollow diameter keeps piping and wiring simple.

Hollow diameter $\varnothing 4$ to $\varnothing 17$ is available.



- Positioning spigots for the table top (4 positions) and the body bottom (1 position) are available.

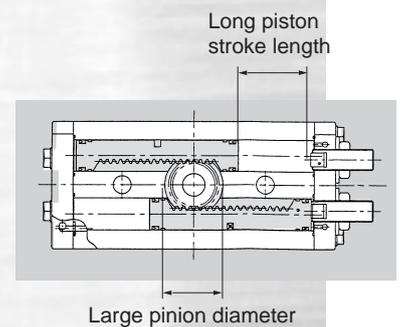


Socket and spigot for positioning

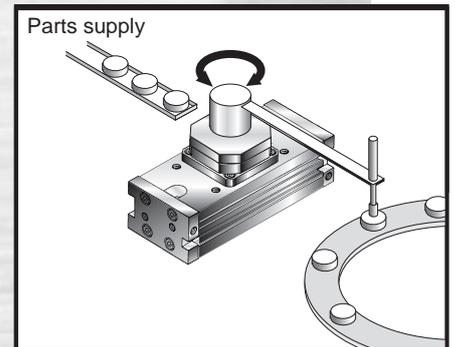
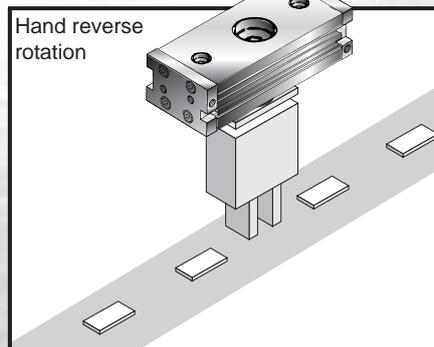
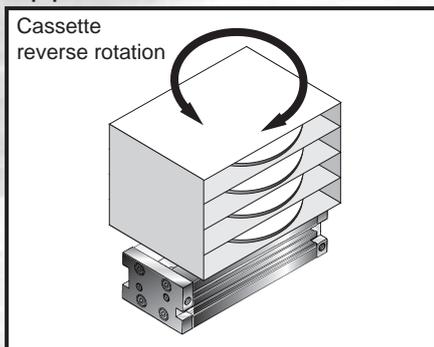
3 Easy operation

- Low speed operation of **1.5 seconds/90°**

Low speed operation realized due to large pinion diameter and long piston stroke length.



Applications



SCPD3
SCM
SSD2
MDC2
SMG
LCM
LCR
LCG
LCX
STM
STG
STR2
MRL2
GRC
Cylinder Switch
MN3E MN4E
4GA/B
M4GA/B
MN4GA/B
F.R. (module unit)
Clean F.R
Precision R
Press gauge Diff. press gauge
Electro-pneumatic R
Speed controller
Auxiliary valve
Fitting/tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for air blow
Ending