

Super compact handy cylinders

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

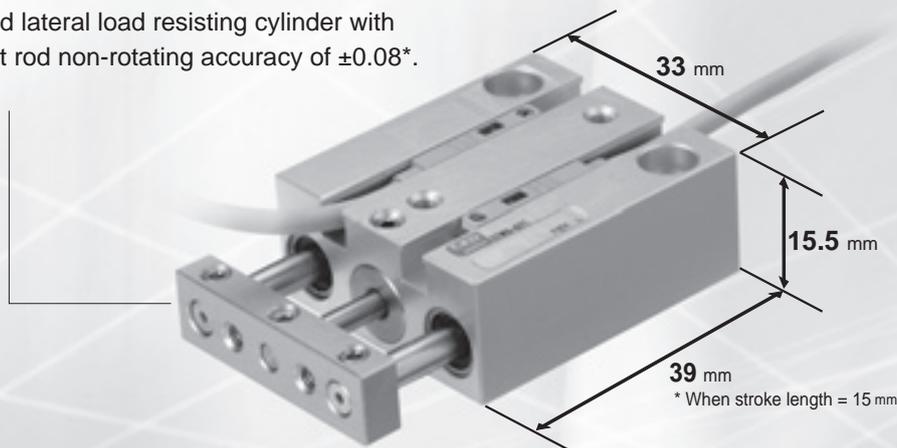
Super compact guided cylinder STM Series ($\varnothing 6/\varnothing 10$) with a high level of mounting flexibility and rich variations promoting ease of use and selection.

Ball bearing

Clean room specifications are available.

■ High-performance guide

Rigid and lateral load resisting cylinder with excellent rod non-rotating accuracy of $\pm 0.08^*$.

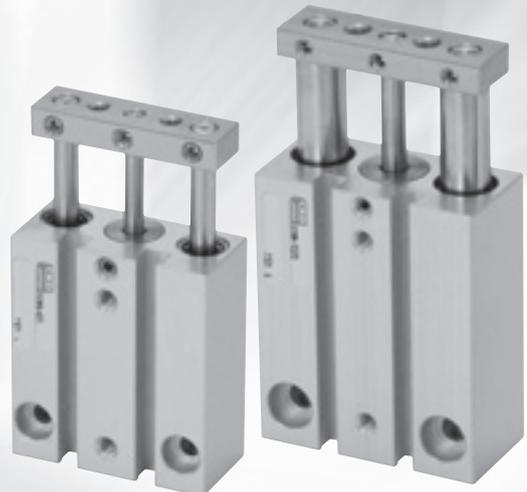


■ Super compact size

The smallest size is 33 mm wide and 15.5 mm high. Super compact space saving in guided cylinders.

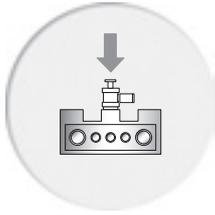
Guided cylinder

STM Series

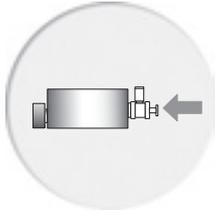


suitable for various uses

● Piping direction

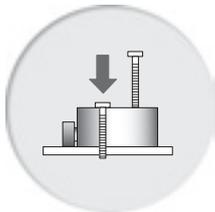


① Front piping

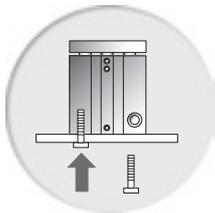


② Rear piping (Option)

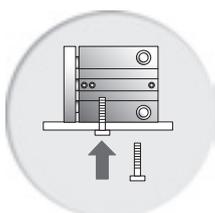
● Mounting orientation



① Front mounting



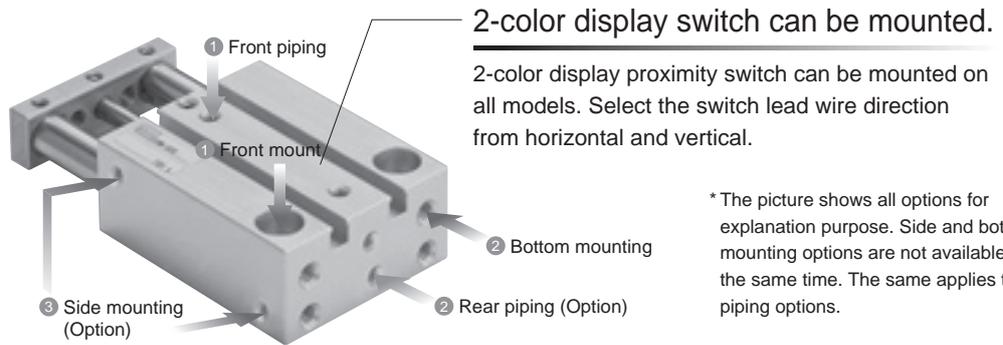
② Bottom mounting



③ Side mounting (Option)

■ Supports rear piping and side side mounting

In addition to the front side, common piping on the rear side is possible. (Option)
Side mounting of cylinder is supported. Multiple units can be installed even in small spaces. (Option)



2-color display switch can be mounted.

2-color display proximity switch can be mounted on all models. Select the switch lead wire direction from horizontal and vertical.

*The picture shows all options for explanation purpose. Side and bottom mounting options are not available at the same time. The same applies to piping options.

■ Suitable for clean rooms

Clean room specifications (STM-B...P7) are available.

■ Suitable for conveying small parts

Suitable for conveying small parts including semiconductors and precision components where you can use the cylinders for positioning, clamping, press fitting, lifting, pushing and more.

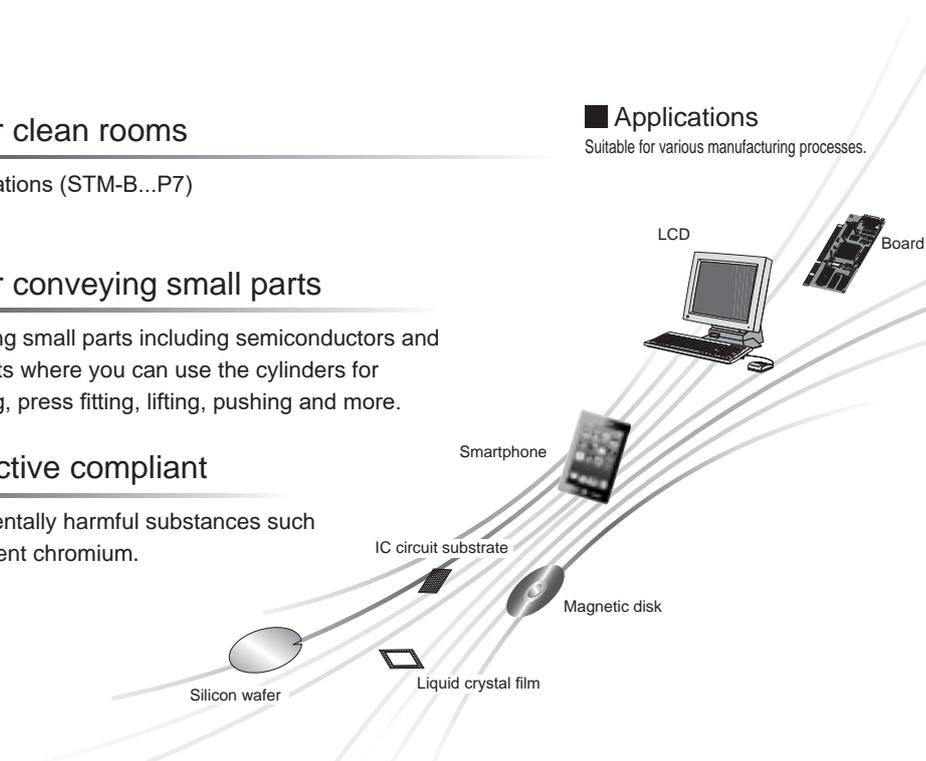
■ RoHS Directive compliant

Free from environmentally harmful substances such as lead and hexavalent chromium.

RoHS

■ Applications

Suitable for various manufacturing processes.



■ STM Series variation

Model variations	Bore size	Stroke length (mm)				Option	
		5	10	15	20	A	R
Clean room specifications STM-B-P7* Series	ø 6	●	●	●	●	●	●
	ø 10	●	●	●	●	●	●

* Ball bearing only

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MN4GA/B
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Clean F.R
Precision R
Press gauge
Dif. press gauge
Electro-pneumatic R
Speed controller
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Fitting/tube
Clean air unit
Pressure sensor
Flow rate sensor
Valve for air blow
Ending