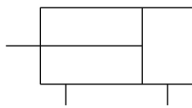


## MXSL, Air Slide Table (Symmetrical) MXS12L-50

### Datasheet

Applications that call for precise movement ranging from 10-150mm (1/2-6") typically require a cylinder and a precision guide. The MXS accomplishes this by integrating a cross roller bearing with a guide and two small air cylinders for compact force generation. The MXS is available in six sizes each with set stroke lengths and is standard with auto switch capability. Stroke adjustments are available for extend, retract, or both in ranges of 0-5mm, 0-15mm, and 0-25mm. In addition, there are many other standard options that include, shock absorbers, end lock, axial piping, and buffer.



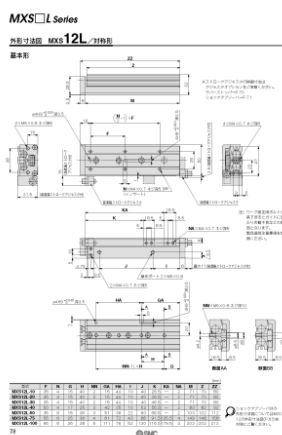
Double-acting, single-rod cylinder

### Standard specifications

Bore Size	12mm
Port Thread	Rc
Stroke	50mm
Adjuster	w/o Adjuster
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m [Or None in the Case of No Switch]
Number	2 pcs. [Or None in the Case of No Switch]
Pressure medium	Compressed Air
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium with magnet	-10 °C [without condensation]
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.15 MPa
Proof pressure	1.05 MPa
Maximum ambient temperature with magnet	60 °C
Minimum ambient temperature with magnet	-10 °C
Conform to the European RoHS Directive	Conform
Numero of pneumatic connections	2 pcs.
Pneumatic input connection	M5

Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	113 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	85 N
Maximum piston speed	500 mm/s
Type of cushioning	Rubber bumper
Minimum piston speed	50 mm/s
Lubrication	Non-lube
Weight	0.480 Kg

## Dimensions



## Additional information

Catalogue

[MXS\\_EU.pdf](#)