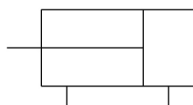


## MXSL, Air Slide Table (Symmetrical) MXS16L-125B

### 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                                          | 16mm                                      |
| Port Thread                                        | Rc                                        |
| Stroke                                             | 125mm                                     |
| Adjuster                                           | B (Both Sides Absorbers)                  |
| 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                                        |

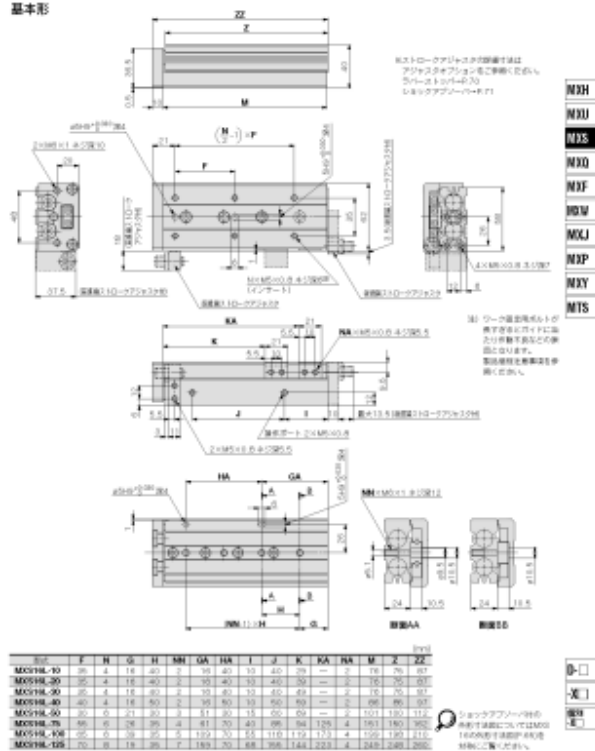
|                                                         |                |
|---------------------------------------------------------|----------------|
| Mode of operation of drive                              | Double acting  |
| Theoretical cylinder force, advance stroke (at 0.5 MPa) | 201 N          |
| Theoretical cylinder force, return stroke (at 0.5 MPa)  | 151 N          |
| Maximum piston speed                                    | 500 mm/s       |
| Type of cushioning                                      | Shock absorber |
| Minimum piston speed                                    | 50 mm/s        |
| Lubrication                                             | Non-lube       |
| Weight                                                  | 1.580 Kg       |

## Dimensions

エアスライドテーブル(対称形) **MXS□L Series**

## 外形寸法图 MXS16L/对称形

基本型



## Additional information

Catalogue

[MXS\\_EU.pdf](#)