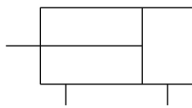


## MXSL, Air Slide Table (Symmetrical) MXS12L-20

### 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	20mm
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

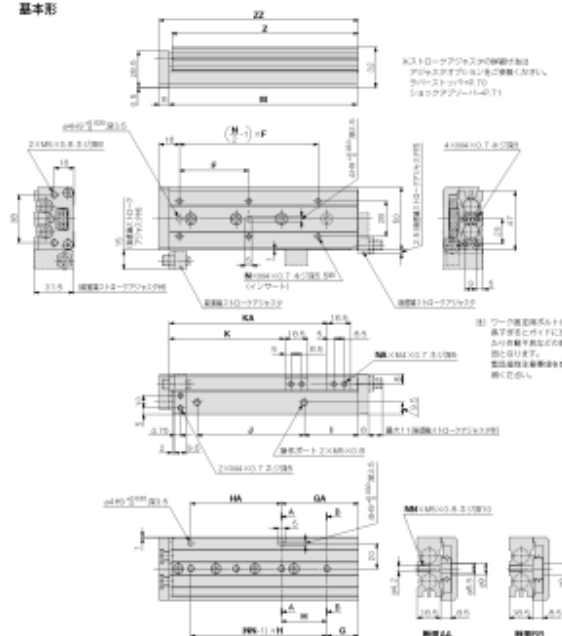
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	113 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	85 N
Maximum piston speed	500 mm/s
Type of cushioning	Rubber bumper
Minimum piston speed	50 mm/s
Lubrication	Non-lube
Weight	0.340 Kg

## Dimensions

### MXS□L series

#### 外形寸法図 MXS12L / 対称形

基本形



型番	F	H	GA	HA	J	K	KA	MA	M	Z	Z2	
MXS12L-20	25	41	15	43	15	43	110	41	102	2	111	70
MXS12L-30	35	51	25	53	25	53	120	51	112	2	121	80
MXS12L-40	45	61	35	63	35	63	130	61	122	2	131	90
MXS12L-50	55	71	45	73	45	73	140	71	132	2	141	100
MXS12L-60	65	81	55	83	55	83	150	81	142	2	151	110
MXS12L-70	75	91	65	93	65	93	160	91	152	2	161	120
MXS12L-80	85	101	75	103	75	103	170	101	162	2	171	130
MXS12L-90	95	111	85	113	85	113	180	111	172	2	181	140
MXS12L-100	105	121	95	123	95	123	190	121	182	2	191	150

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※本カタログの寸法は、  
公差は、JIS B3000に準じています。  
寸法は、図面に記載されています。

## Additional information

Catalogue

[MXS\\_EU.pdf](#)