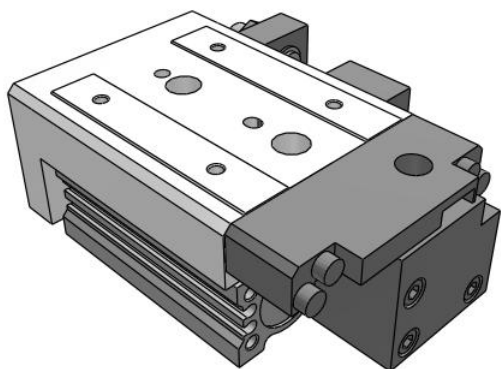




MXS, Air Slide Table, Cross Roller Guide MXS20-20ASR

Datasheet

General series information

- Air slide table
- Bore size: 6, 8, 12, 16, 20, 25 (mm)
- Strokes: 5mm to 150mm, depending upon bore size
- With or without stroke adjuster with or without shock
- Options: buffer, end lock, axial piping
- Variety of switches with a variety of wire lead lengths



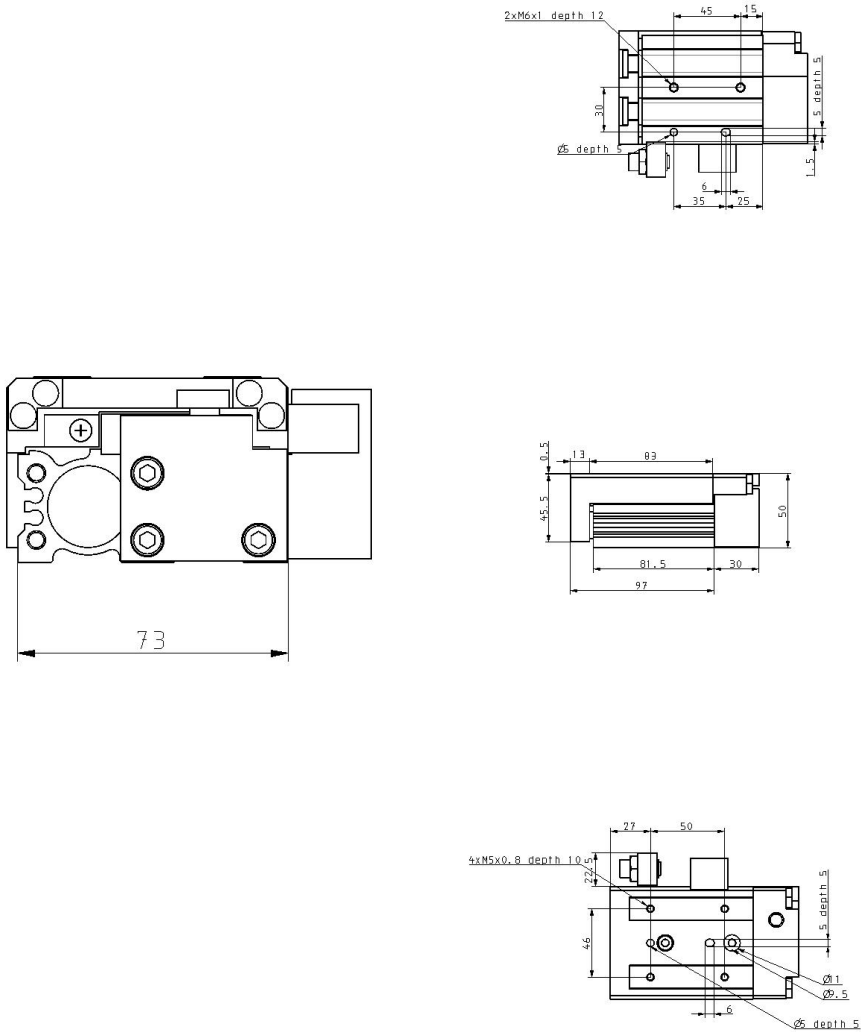
Double-acting, single-rod cylinder

Standard specifications

Bore Size	20 mm
Port Thread	Rc
Stroke	20 mm
Adjuster	AS (Adjuster at Forwarding End)
Function	R (End Lock)
Auto Switch	No Switch
Lead Wire or Prewired Connector	05 M Lead Wire [Or None in the Case of No Auto Switch]
Number	2 pcs. [Or None in the Case of No Switch]
Pressure medium	Air
Maximum temperature of pressure medium with magnet	60 °C
Minimum temperature of pressure medium with magnet	-10 °C
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
Number of pneumatic connections	2 pcs.

Pneumatic input connection	Rc 1/8
Mode of operation of drive	Double acting
Theoretical cylinder force, advance stroke (at 0.5 MPa)	314 N
Theoretical cylinder force, return stroke (at 0.5 MPa)	236 N
Maximum piston speed	500 mm/s
Type of cushioning	Rubber bumper
Minimum piston speed	50 mm/s
Lubrication	Non-lube
Weight	1.400 Kg

Dimensions



Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Constructions

Construction



With end lock

Component Parts

No.	Description	Material	Note
①	Body	Aluminum alloy	Hard anodized
②	Table	Aluminum alloy	Hard anodized
③	End plate	Aluminum alloy	Hard anodized
④	Rail	Carbon tool steel	Heat treated
⑤	Guide	Carbon tool steel	Heat treated
⑥	Rod	Stainless steel	
⑦	Piston assembly		With magnet on one side
⑧	Rod cover	Aluminum alloy	Anodized
⑨	Seal support	Brass	Electroless nickel plated
⑩	Head cap	Resin	
⑪	Floating bushing	Stainless steel	
⑫	Roller stopper	Stainless steel	
⑬	Cylindrical roller	High carbon chrome bearing steel	
⑭	Roller spacer	Resin	
⑮	Rod bumper	Polyurethane	
⑯	End bumper	Polyurethane	
⑰	Piston seal	NBR	
⑱	Rod seal	NBR	
⑲	O-ring	NBR	

Component Parts: With End Lock

No.	Description	Material	Note
⑲	Locking body	Aluminum alloy	Hard anodized
⑳	Table support	Carbon steel	Anti-corrosive treated
㉑	Rod cover	Aluminum alloy	
㉒	Piston rod	Stainless steel	
㉓	Bushing	Aluminum alloy	Chromated
㉔	Blanking plug	Brass	Electroless nickel plated
㉕	Return spring	Stainless steel	
㉖	Piston seal	NBR	
㉗	Rod seal	NBR	
㉘	O-ring	NBR	
㉙	O-ring	NBR	

Additional information

Catalogue

[MXS_EU.pdf](#)