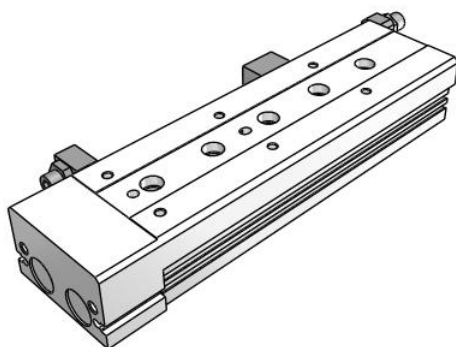




MXS, Air Slide Table, Cross Roller Guide MXS16-100AF

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



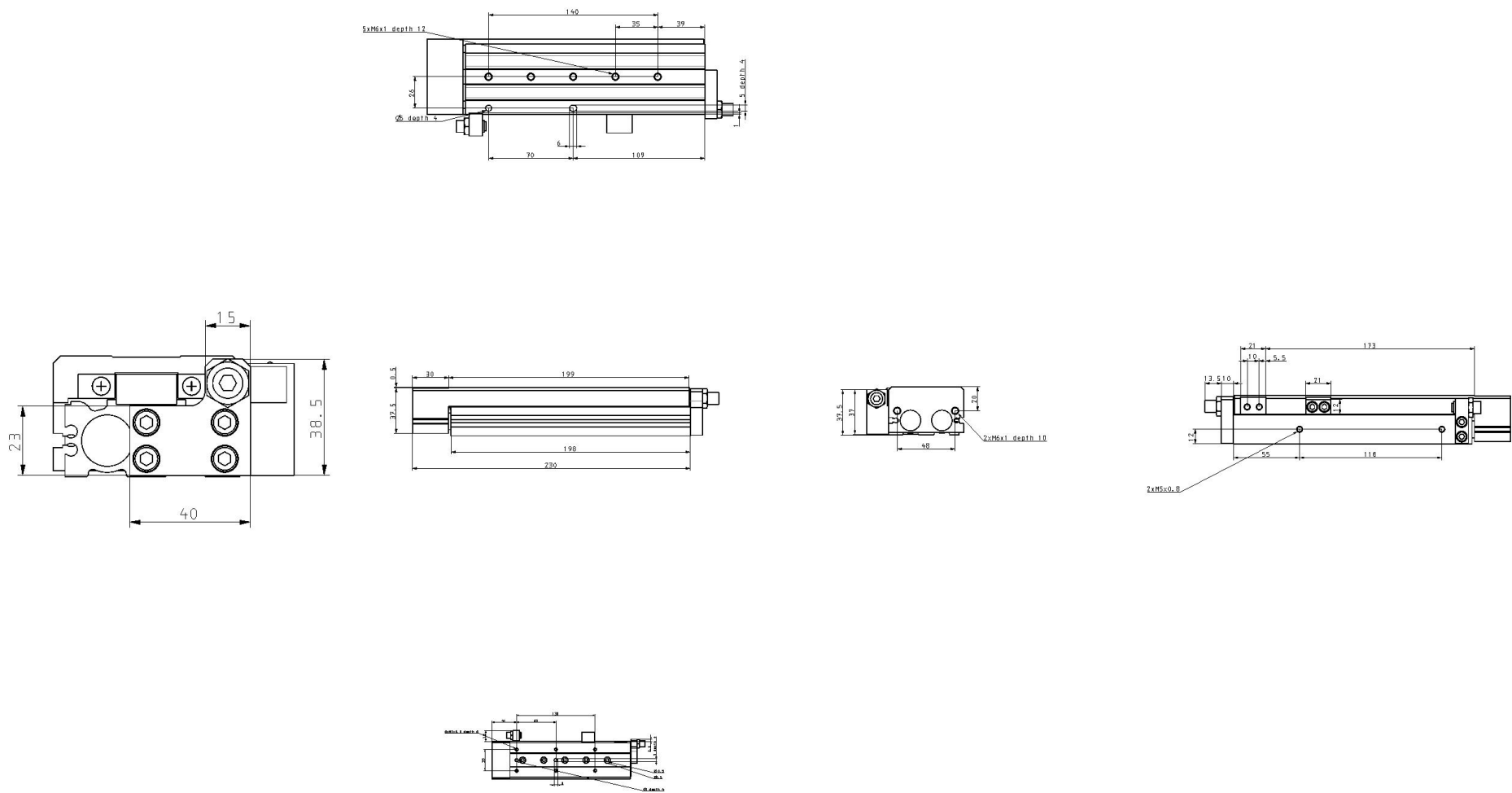
Double-acting, single-rod cylinder

Standard specifications

Bore Size	16 mm
Port Thread	Rc
Stroke	100 mm
Adjuster	A (Both Sides Adjusters)
Function	F (Buffer)
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	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	Rubber bumper
Minimum piston speed	50 mm/s
Lubrication	Non-lube
Weight	1.570 Kg

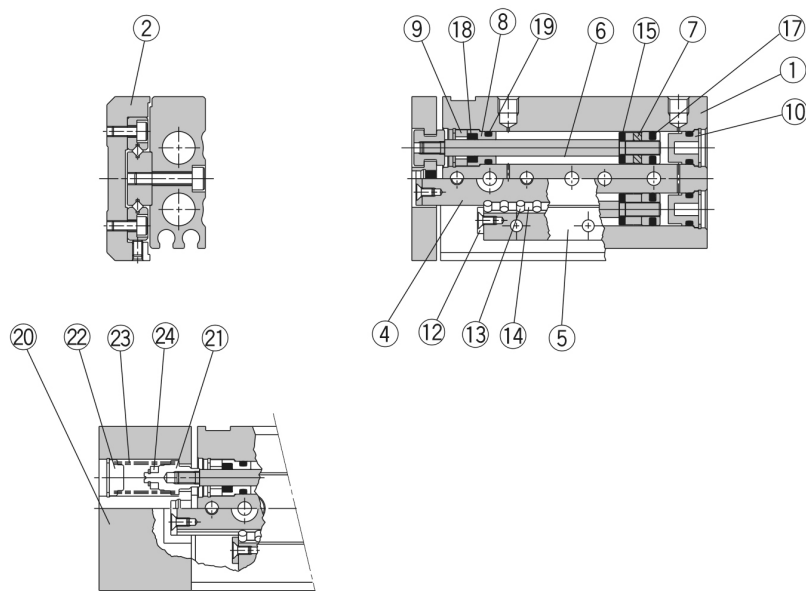
Dimensions



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

Constructions

Construction



With buffer

Component Parts

No.	Description	Material	Note
①	Body	Aluminum alloy	Hard anodized
②	Table	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	
⑫	Roller stopper	Stainless steel	
⑬	Cylindrical roller	High carbon chrome bearing steel	
⑭	Roller spacer	Resin	
⑮	Rod bumper	Polyurethane	
⑰	Piston seal	NBR	
⑱	Rod seal	NBR	
⑲	O-ring	NBR	

Component Parts: With Buffer

No.	Description	Material	Note
⑳	End plate	Aluminum alloy	Hard anodized
㉑	Spring collar	Stainless steel	
㉒	Head cap	Stainless steel	
㉓	Spring	Stainless steel	
㉔	Magnet	Rare earth	

Additional information

Catalogue

[MXS_EU.pdf](#)