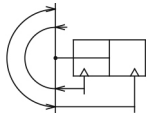


Cam Style - MHY2 MHY2-16D

Datasheet

General series information

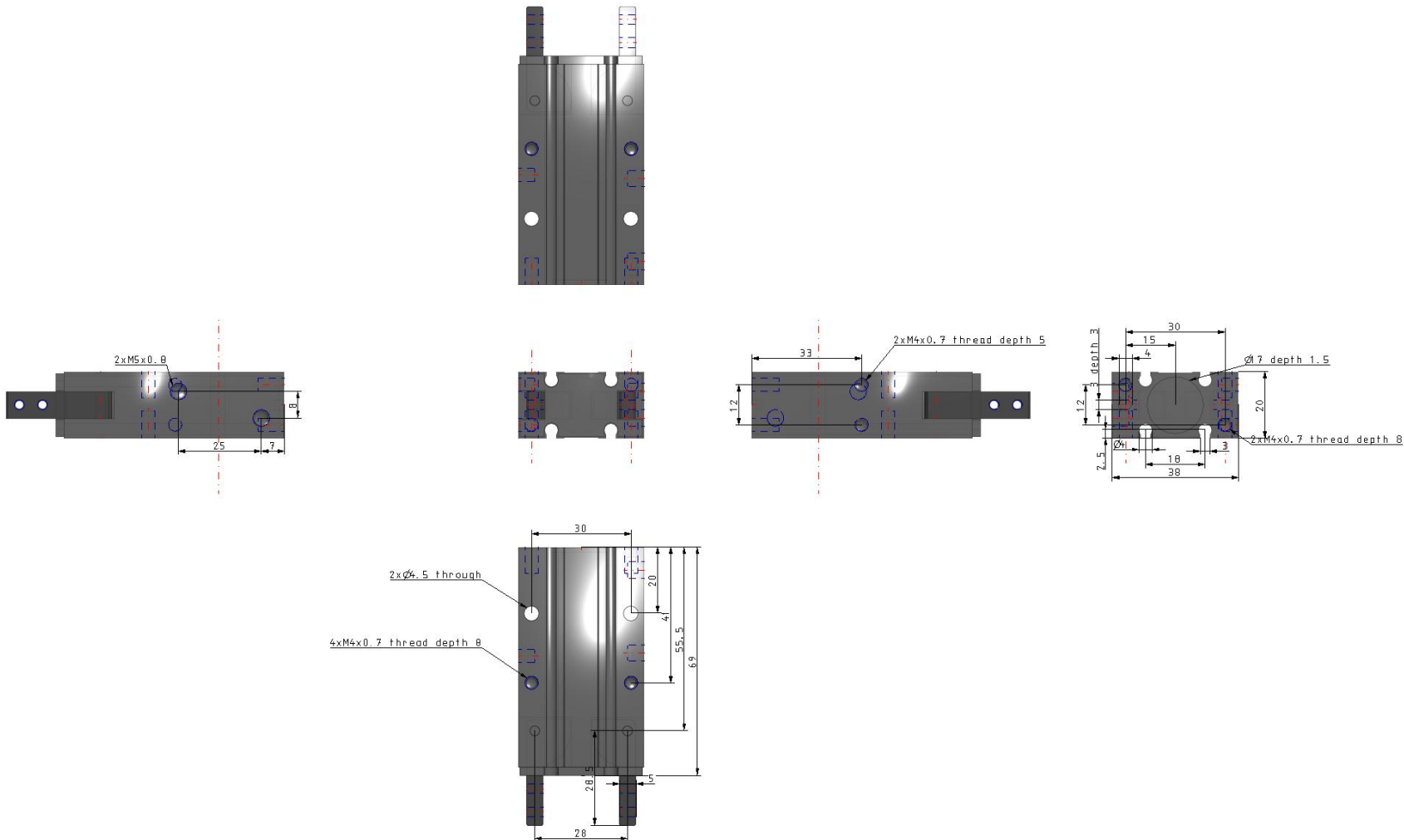
- Maximum gripping moment 2.28 Nm at 0.5 MPa
- Finger opening angle from -3° to 180°
- Double acting
- Repeatability: ±0.2 mm
- Max. operating frequency: 60 c.p.m.



Angular gripper, cam style

Standard specifications

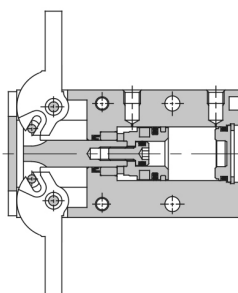
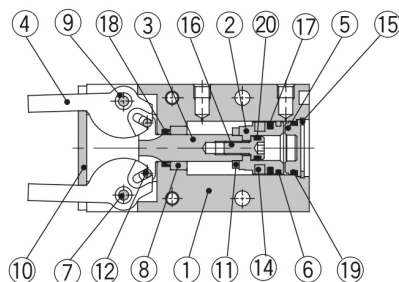
Bore Size	16mm
Finger Option	Standard Tap Mounting
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Maximum operating pressure	0.6 MPa
Minimum operating pressure	0.1 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-10 °C
F124- Max-operating-frequency	60 c.p.m
Repeatability	± 0.2 mm
Applicable fluid	Air
Lubrication	Non lube
Effective holding force per finger (0.5 MPa)	0.54 N m
Action	Double acting
Opening / closing stroke (both sides), closing	-3°
Opening / closing stroke (both sides), opening	180°
Weight	0.150 Kg



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

Constructions

ø 16



Component Parts

No.	Description	Material	Note
①	Body	Aluminum alloy	Hard anodized
②	Piston	ø10: Stainless steel ø16 to 25: Aluminum alloy	ø16 to 25: Chromated
③	Joint	Stainless steel	Heat treatment
④	Finger	Stainless steel	Heat treatment
⑤	Cap	Resin	
⑥	Ware ring	Resin	
⑦	Shaft	Stainless steel	Nitriding
⑧	Bushing A	Sintered alloy steel	

Component Parts

No.	Description	Material	Note
⑨	Bushing B	Sintered alloy steel	
⑩	End plate	Stainless steel	
⑪	Bumper	Urethane rubber	
⑫	Cylindrical roller	High carbon chrome bearing steel	
⑬	Joint roller	Carbon steel	Nitriding
⑭	Rubber magnet	Synthetic rubber	
⑮	C-shape snap ring	Carbon steel	Nickel plated
⑯	Piston bolt	Stainless steel	

Additional information

Catalogue	MHY2_EU.pdf
Operation manuals	OM_MHY2_OMF0057EN.pdf