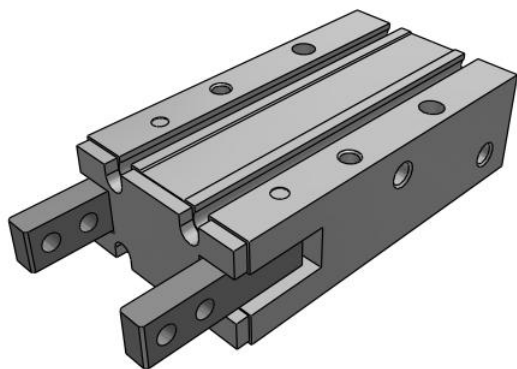


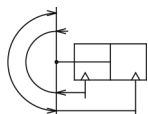


Cam Style - MHY2 MHY2-16D2

Datasheet

General series information

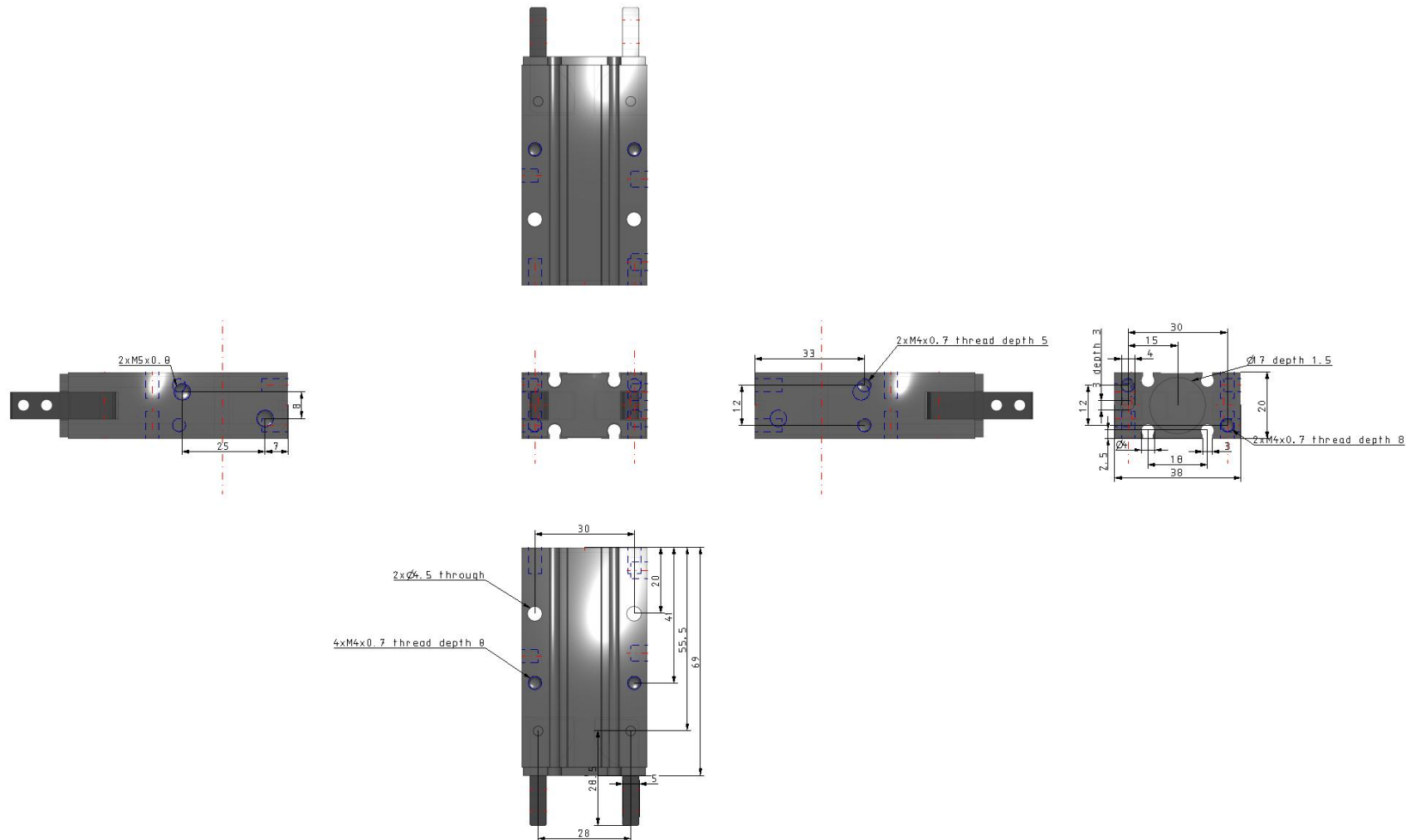
- Maximum gripping moment 2.28 Nm at 0.5 MPa
- Finger opening angle from -3° to 180°
- Double acting
- Repeatability: ± 0.2 mm
- Max. operating frequency: 60 c.p.m.



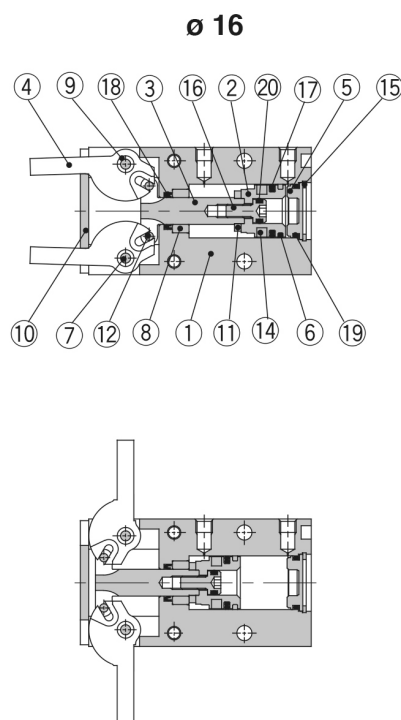
Angular gripper, cam style

Standard specifications

Bore Size	16mm
Finger Option	2 (Opening/Closing Direction Through Hole)
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	0.148 Kg



Constructions



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](#)