

## Standard - MHS4 MHS4-25D

### Datasheet

### General series information

- Maximum gripping force 268 N at 0.5 MPa
- Double acting
- Repeatability:  $\pm 0.01$  mm
- Max. operating frequency: 120 c.p.m.

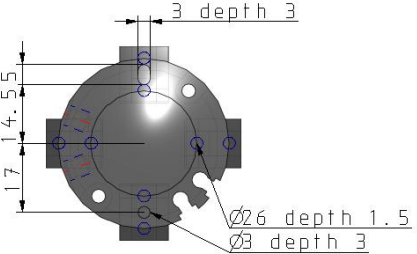
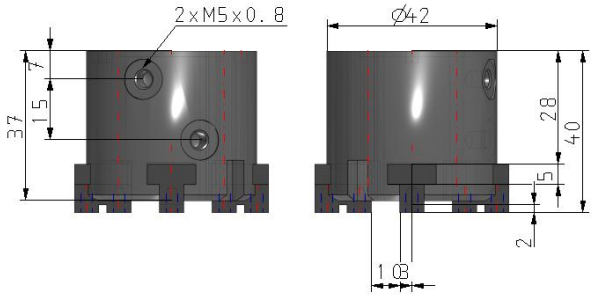
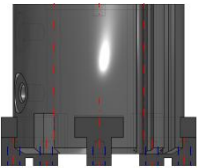
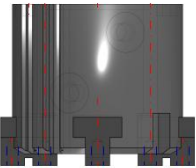
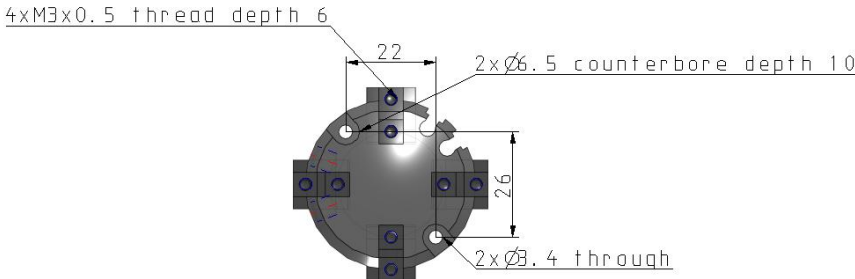


*Gripper, external grip, double-acting with permanent magnet on piston*

### Standard specifications

Bore Size	25mm
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)
Special Specifications	None
Maximum operating pressure	0.6 MPa
Minimum operating pressure	0.2 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-10 °C
Conform to the European RoHS Directive	Conform
Repeatability	$\pm 0.01$ mm
Applicable fluid	Air
Lubrication	Non Lube
Effective holding force per finger, external (0.5 MPa)	31 N
Effective holding force per finger, internal (0.5 MPa)	35 N
Action	Double acting
Weight	0.154 Kg

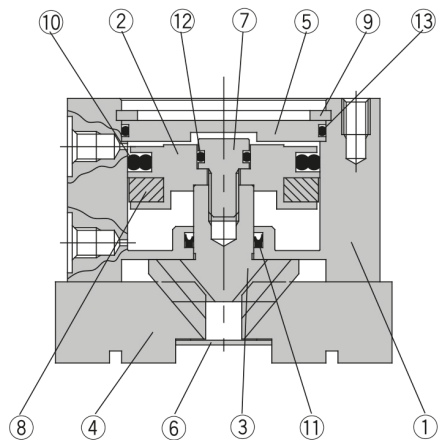
# Dimensions



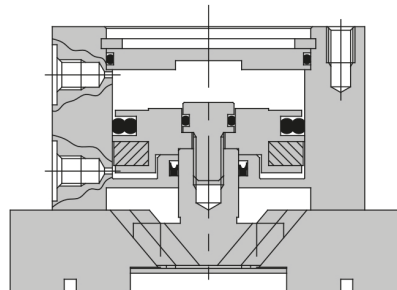
Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

## Constructions

### Closed condition



### Open condition



### Parts list

No.	Description	Material	Note
1	<b>Body</b>	Aluminum alloy	Hard anodized
2	<b>Piston</b>	Aluminum alloy	Hard anodized
3	<b>Cam</b>	Carbon steel	Heat treated, Specially treated
4	<b>Finger</b>	Carbon steel	Heat treated, Specially treated
5	<b>Cap</b>	Aluminum alloy	Hard anodized
6	<b>End plate</b>	Stainless steel	
7	<b>Piston bolt</b>	Stainless steel	

No.	Description	Material	Note
8	<b>Rubber magnet</b>	Synthetic rubber	
9	<b>C type snap ring</b>	Carbon steel	Nickel plated
10	<b>Piston seal</b>	NBR	
11	<b>Rod seal</b>	NBR	
12	<b>Gasket</b>	NBR	
13	<b>Gasket</b>	NBR	

## Additional information

Catalogue

[MHS\\_EU.pdf](#)