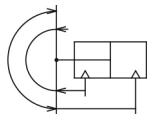


## Rack & Pinion Style - MHW2 MHW2-40D

### Datasheet

### General series information

- Maximum gripping moment 8.27 Nm at 0.5 MPa
- Finger opening angle from -6° to 180°
- Double acting
- Repeatability: ±0.2 mm
- Max. operating frequency: 60 c.p.m.



Angular gripper, cam style

### Standard specifications

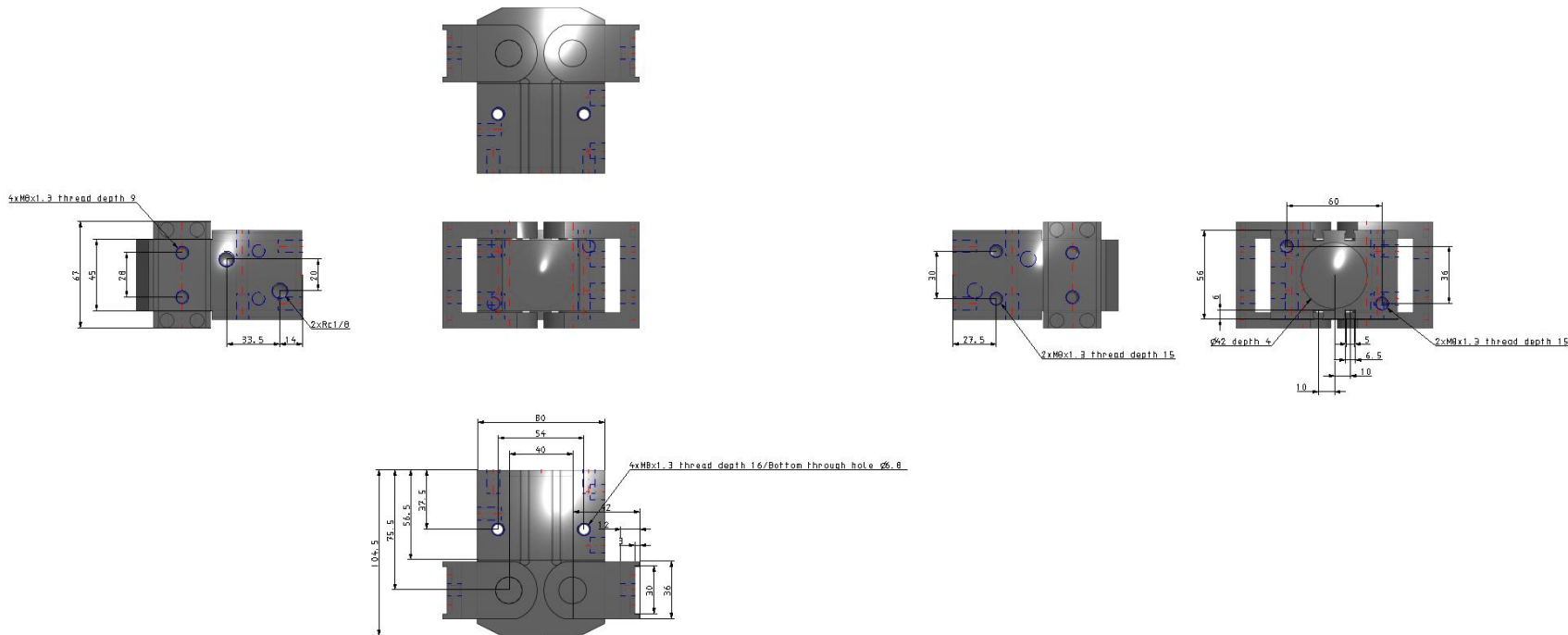
Bore Size	40mm
Thread Type	Rc (or M Thread for 20 & 25 Bore)
Finger Option	Flat Finger Mounting Style (Standard)
Auto Switch	No Switch
Lead Wire or Prewired Connector	0.5m (Or None in the Case of No Switch)
Number	2 pcs. (Or None in the Case of No Switch)
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.15 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-10 °C
F124- Max-operating-frequency	30 c.p.m
Repeatability	± 0.2 mm
Applicable fluid	Air
Lubrication	Non lube
Effective holding force per finger (0.5 MPa)	3.7 N m
Action	Double acting
Opening / closing stroke (both sides), closing	-5°
Opening / closing stroke (both sides), opening	180°

Weight

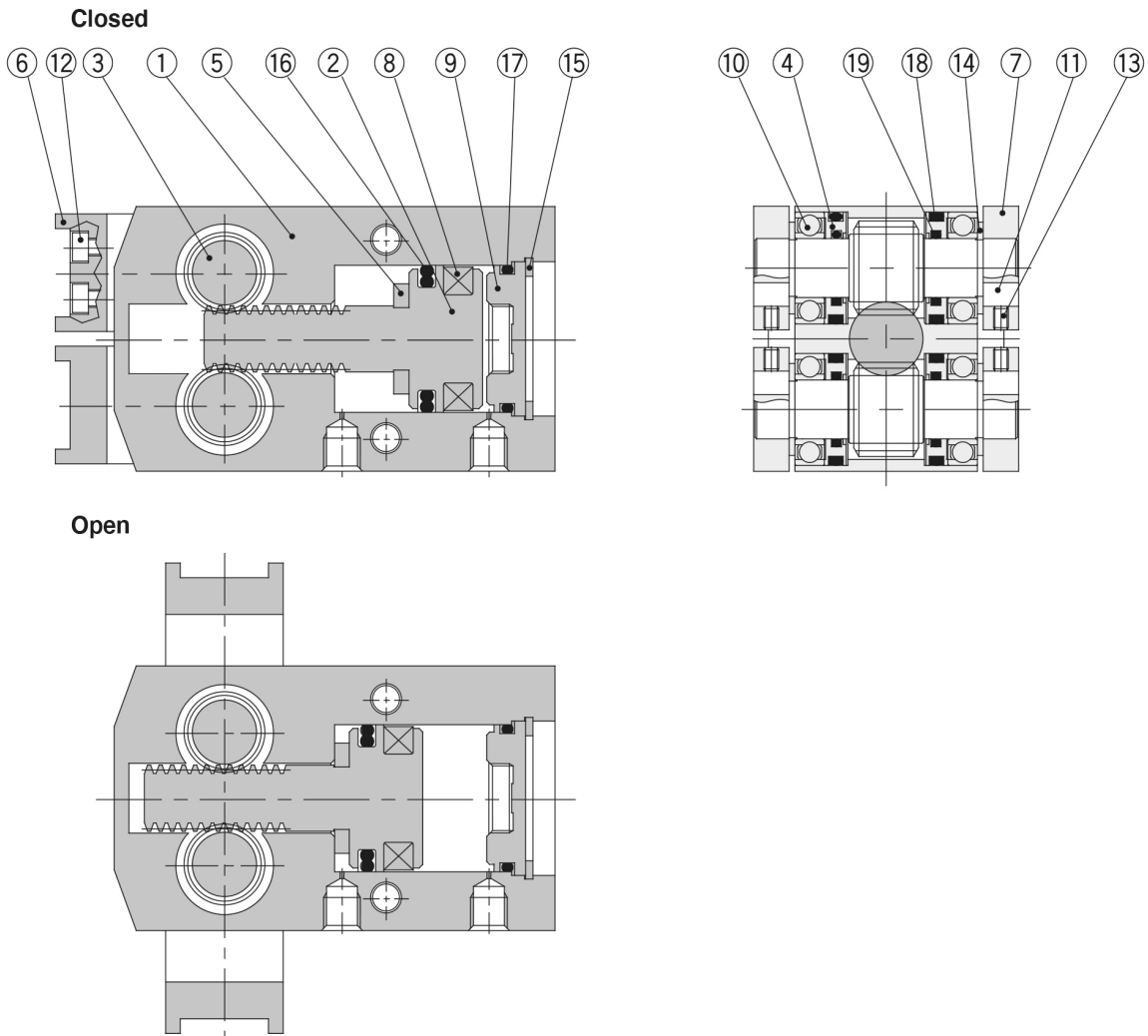
2.200 Kg

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# Dimensions



## Constructions



### Component Parts

No.	Description	Material	Note
①	<b>Body</b>	Aluminum alloy	Hard anodized
②	<b>Piston</b>	Stainless steel	Nitriding
③	<b>Pinion gear</b>	Carbon steel	Heat treatment
④	<b>Seal cover</b>	Brass	
⑤	<b>Bumper</b>	Urethane rubber	
⑥	<b>Finger (A)</b>	Carbon steel	
⑦	<b>Finger (B)</b>	Carbon steel	
⑧	<b>Rubber magnet</b>	Synthetic rubber	

### Component Parts

No.	Description	Material	Note
⑨	<b>Cap</b>	ø20, 25: Resin	
		ø32 to 50: Aluminum alloy	Hard anodized
⑩	<b>Ball bearing</b>	Carbon steel	Shield type
⑪	<b>Key</b>	Carbon steel	
⑫	<b>Hexagon socket head screw</b>	Carbon steel	
⑬	<b>Hexagon socket cap screw</b>	Carbon steel	
⑭	<b>C-shape snap ring</b>	Carbon steel	
⑮	<b>C-shape snap ring</b>	Carbon steel	

## Additional information

Catalogue

[MHW2-A\\_EU.pdf](#)