



Magnet Gripper for Collaborative Robots

Mitsubishi Electric Corporation
collaborative robot
MELFA ASSISTA compliant



MHM-X7400A-ASSISTA



More information
can be viewed here.

P-E20-33

Magnet Gripper for Collaborative Robots

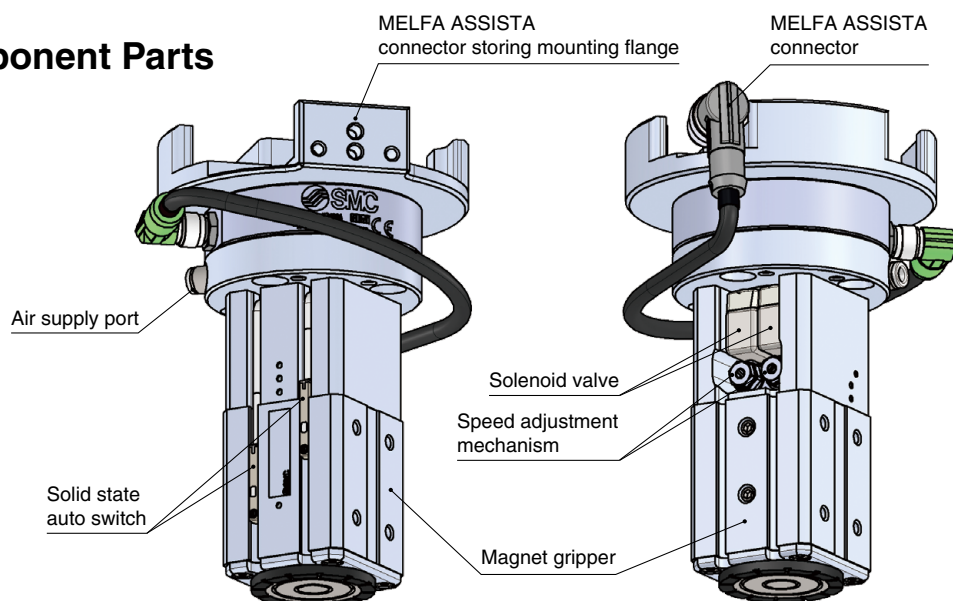
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- Attracts and holds heavy objects with a magnet
- Supports workpieces with holes and uneven surfaces
- Compact with high holding force
- Holding force: Max. **200 N** ($\phi 25$, Workpiece thickness 6 mm)
- Continues to hold workpieces even when the air is shut off
- Operate by simply connecting 1 air supply tube and an electrical wiring M12 connector.
- Integrated solenoid valve, auto switch, and piston speed adjustment mechanism

Component Parts



Learn more about the
MHM series here.

How to Order



RoHS

MHM-25D-X7400A-ASSISTA-P

Auto switch output type ●

Symbol	Auto switch model	Output type
Nil	D-M9N	NPN
P	D-M9P	PNP

Specifications

Fluid	Air
Action	Double acting
Operating pressure [MPa]	0.2 to 0.6
Proof pressure [MPa]	0.9
Ambient and fluid temperatures [°C]	-10 to 50 (No freezing)
Holding force [N]	Workpiece thickness: 2 mm 160 Workpiece thickness: 6 mm 200
Residual holding force [N]	0.3 or less
Lubrication	Non-lube
Weight [g]	780
Standards	ISO 9409-1-31.5-4-M5
Auto switch model	D-M9N, D-M9P
Connector type	M12 8-pin connector (Plug)

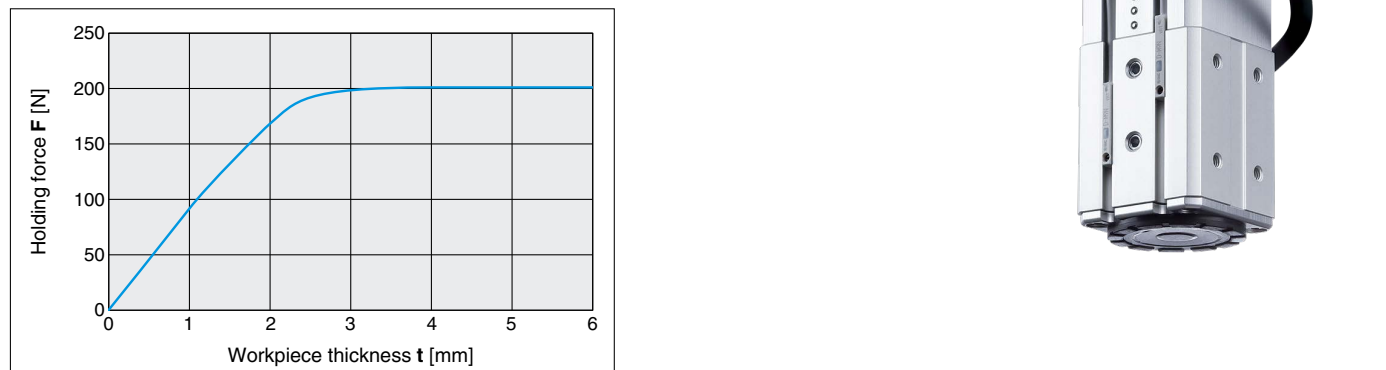
■ **Included parts:** Connector storing flange, Mounting bolt, Positioning pin, Coil tube for piping ($\phi 4$), Piping fittings (2 types)

Characteristics

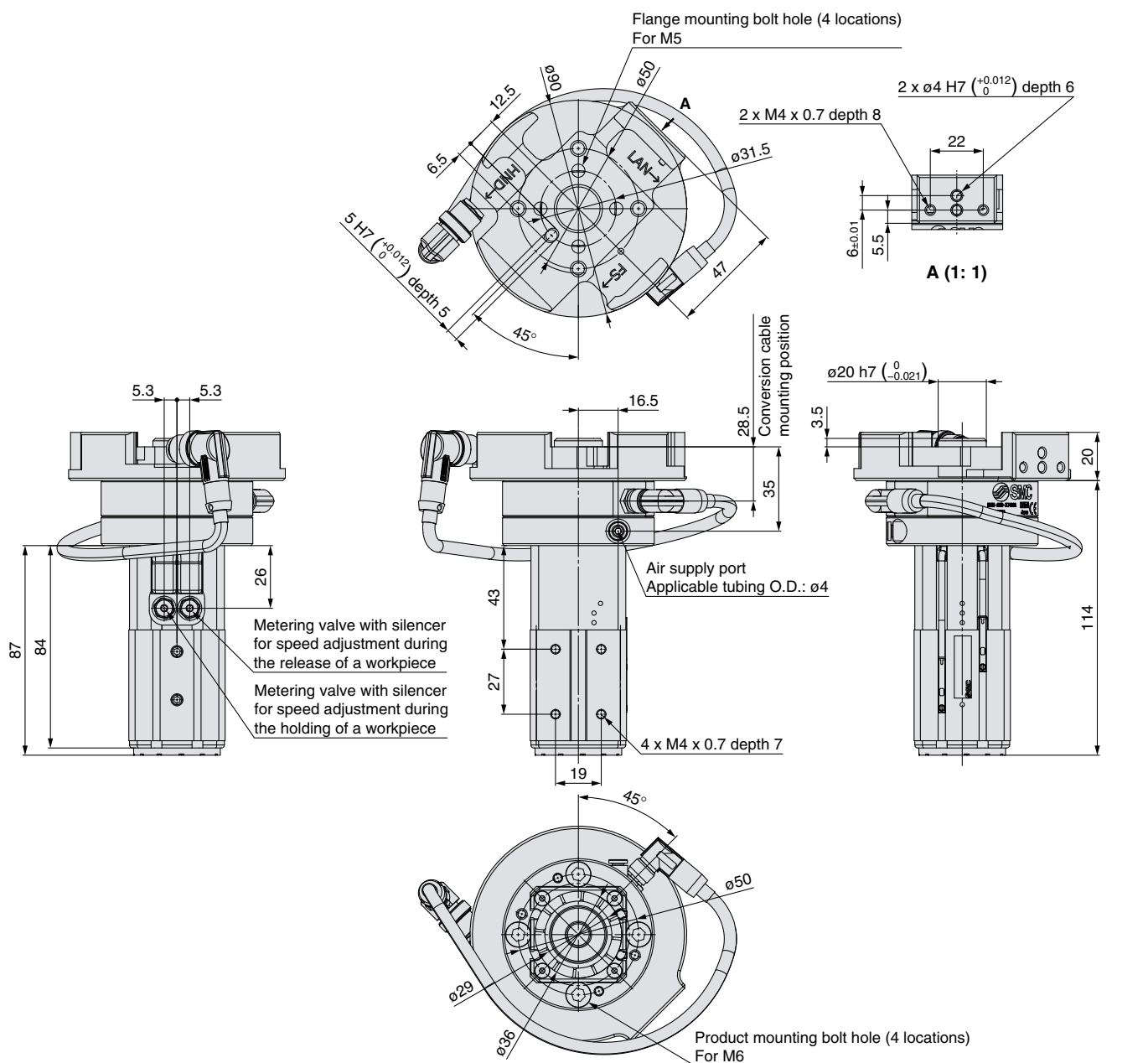
Holding force

The holding force graph shows the theoretical value for low-carbon steel plates. Holding forces vary depending on the material and shape of the workpiece. Please perform a holding test while referring to the value selected based on the graph.

MHM-25



Dimensions





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MELFA
assist a

⚠ Safety Instructions Be sure to read the “Handling Precautions for SMC Products” (M-E03-3) and “Operation Manual” before use.

SMC Corporation

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Specifications are subject to change without prior notice
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