



Magnet Gripper for Collaborative Robots

Compliant with the UR (e) Series
UNIVERSAL ROBOTS
collaborative robot

Plug and Play
configuration for immediate use

URCap Easy programming



UNIVERSAL ROBOTS+
Certified



MHM-X7400A



More information
can be viewed here.

P-E20-34

Plug and Play

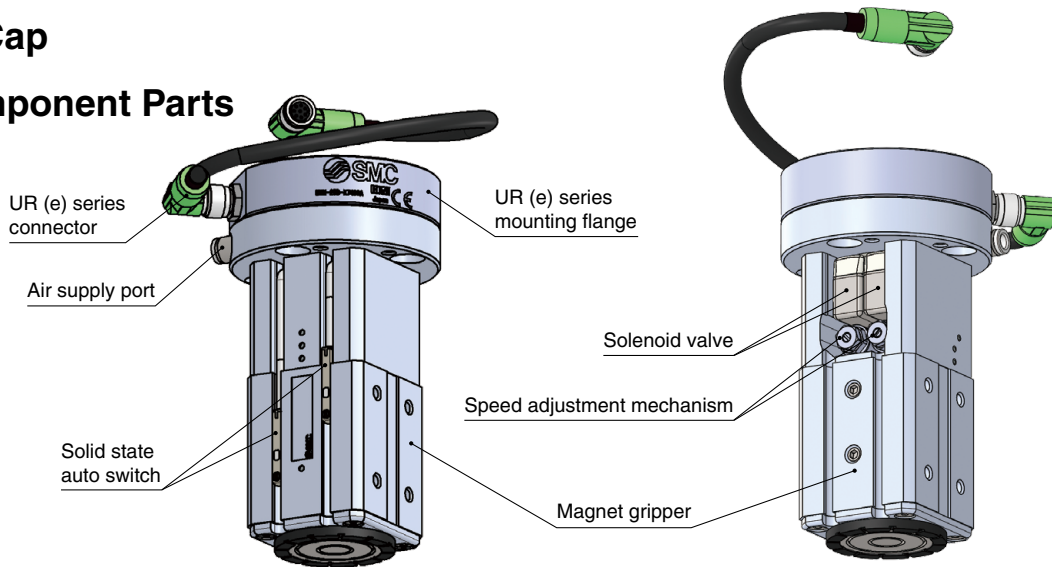
Magnet Gripper for Collaborative Robots

UNIVERSAL ROBOTS

UR3(e), UR5(e), UR10(e), UR16e compliant



- 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 M8 connector.
- Integrated solenoid valve, auto switch, and piston speed adjustment mechanism
- URCap
- Component Parts



Learn more about the MHM series here.

How to Order



MHM-25D-X7400A

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]	590	
Standards	ISO 9409-1-50-4-M6	
Auto switch model	D-M9P	
Connector type	M8 8-pin connector (Socket)	

■ **Included parts:** Mounting bolt, Positioning pin, Piping tube ($\phi 4 \times 2$ m)

Characteristics

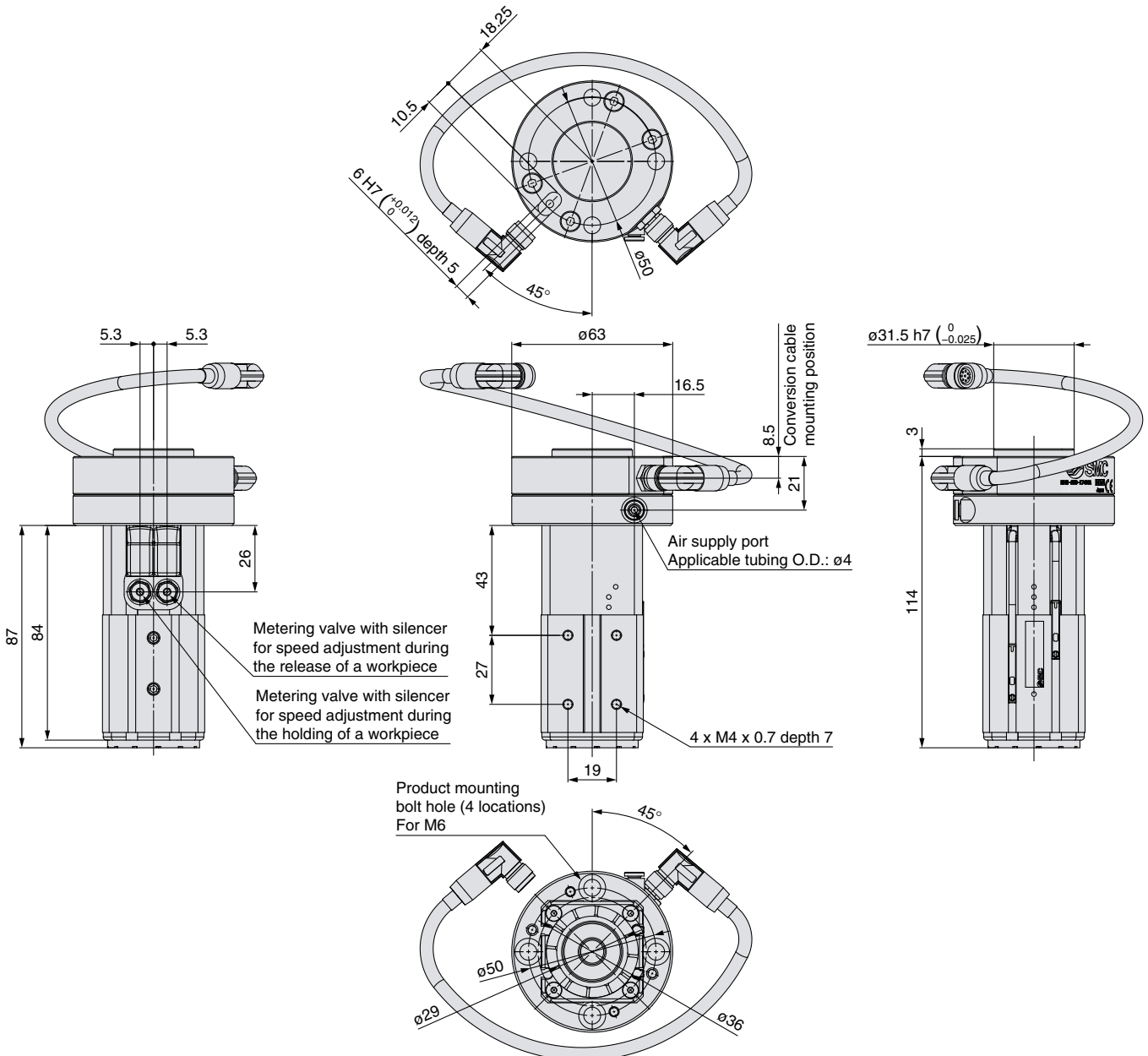
Holding force

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



URCap

More information on the URCap software can be viewed here.

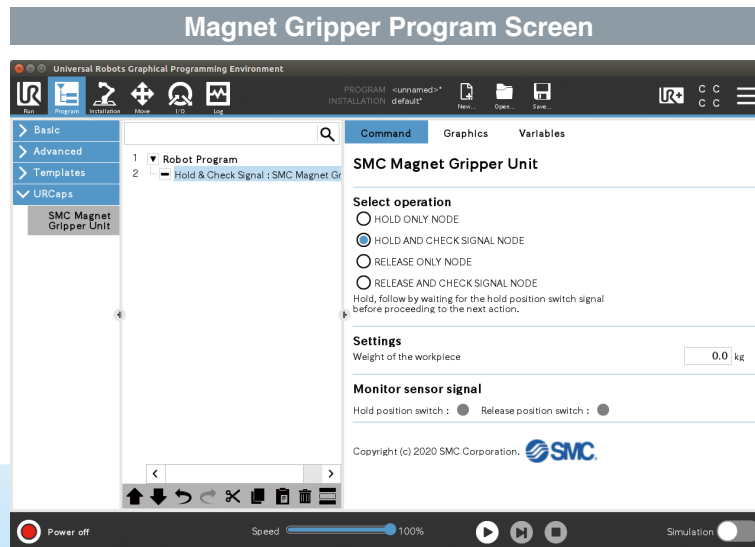
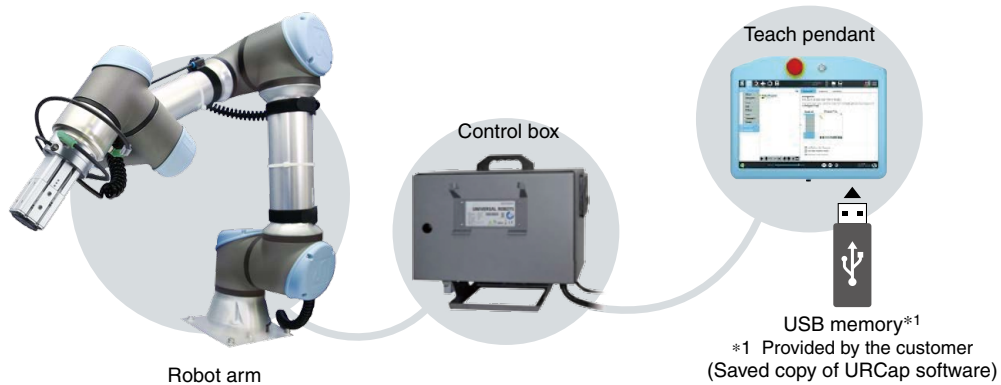


Easy programming

By using the dedicated software certified for Universal Robots, URCap, the teaching pendant can conduct various operations intuitively, allowing for sensor signals to be easily incorporated.

Save a copy of the URCap software to a USB memory and insert it into the teaching pendant to easily install the software.

* Please download the URCap software from the website, and save it to a USB memory.



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

SMC Corporation