Air Gripper Unit

for Collaborative Robots

Compliant with the CRX Series

FANUC CORPORATION

collaborative robot

Plug and Play

configuration for immediate use

FANUC CRX plug-in software Easy programming

JMHZ2-X7400B-CRX

More information
can be viewed here.

Plug and Play

Air Gripper Unit for Collaborative Robots

FANUC CORPORATION

CRX-10*i*A, 10*i*A/L compliant

- **Compact, lightweight product with high gripping force due to air operation**
- **An air gripper that realizes high rigidity and high precision due to its guide-integrated construction**

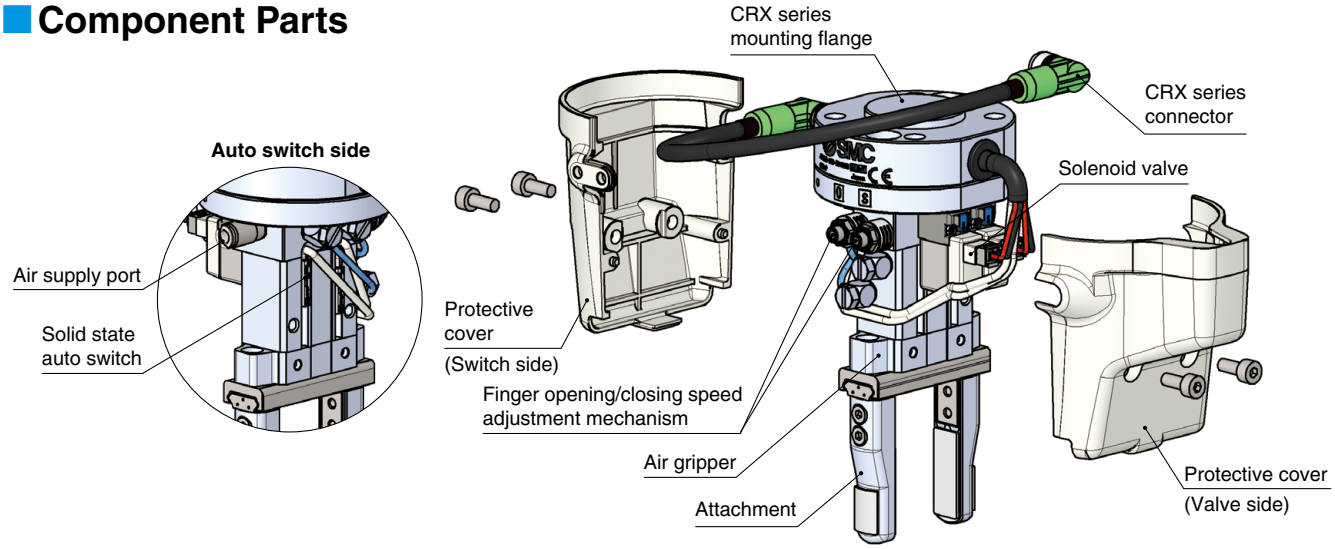
With high-precision linear guide
Repeatability: ±0.01 mm

Linear guide of the higher rigidity and precision is used.
Higher rigidity (Compared with the same size of the existing MHZ2)

- **Operate by simply connecting 1 air supply tube and an electrical wiring M8 connector.**
- **Integrated solenoid valve, speed adjustment mechanism, and auto switch**
- **FANUC CRX plug-in software**
- **A split protective cover for easy air gripper maintenance**

  Allows you to maintain the air gripper without removing the user-specific attachment

Component Parts



How to Order

CE RoHS

JMHZ2-16D-X7400B-CRX

Specifications

Bore size [mm]		16
Fluid		Air
Action		Double acting
Operating pressure [MPa]		0.1 to 0.7
Repeatability [mm]		±0.01
Gripping force Effective value per finger [N]	External	32.7
	Internal	43.5
Opening/Closing stroke (Both sides) [mm]		10
Weight [g]		430
Standards		ISO9409-1-50-4-M6
Auto switch model		D-M9P-5
Connector type		M8 8-pin connector (Socket)

Included parts: Piping tube (ø4 x 2 m), Mounting bolt, Positioning pin

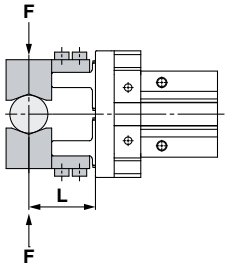
Characteristics

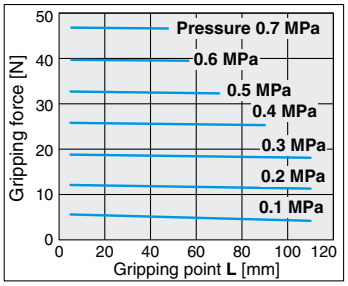
Gripping force

● **Indication of effective gripping force**

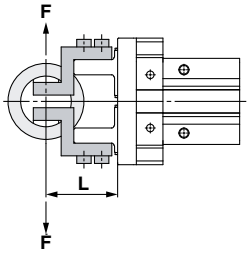
The gripping force shown in the graphs below represents the gripping force of one finger when all fingers and attachments are in contact with the workpiece. F = One finger thrust

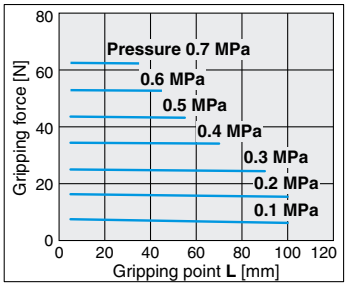
External gripping force





Internal gripping force



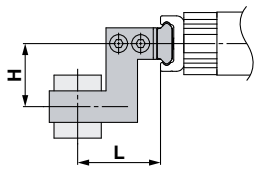


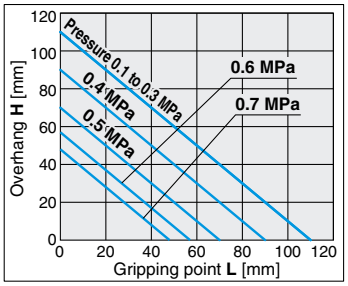
Gripping point

● The air gripper should be operated so that the workpiece gripping point “L” and the amount of overhang “H” stay within the range shown for each operating pressure given in the graphs below.

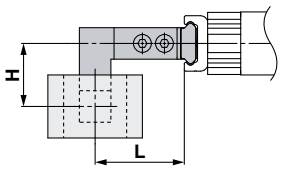
● If the workpiece gripping point goes beyond the range limits, this will have an adverse effect on the life of the air gripper.

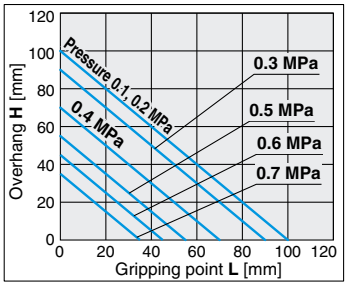
External grip



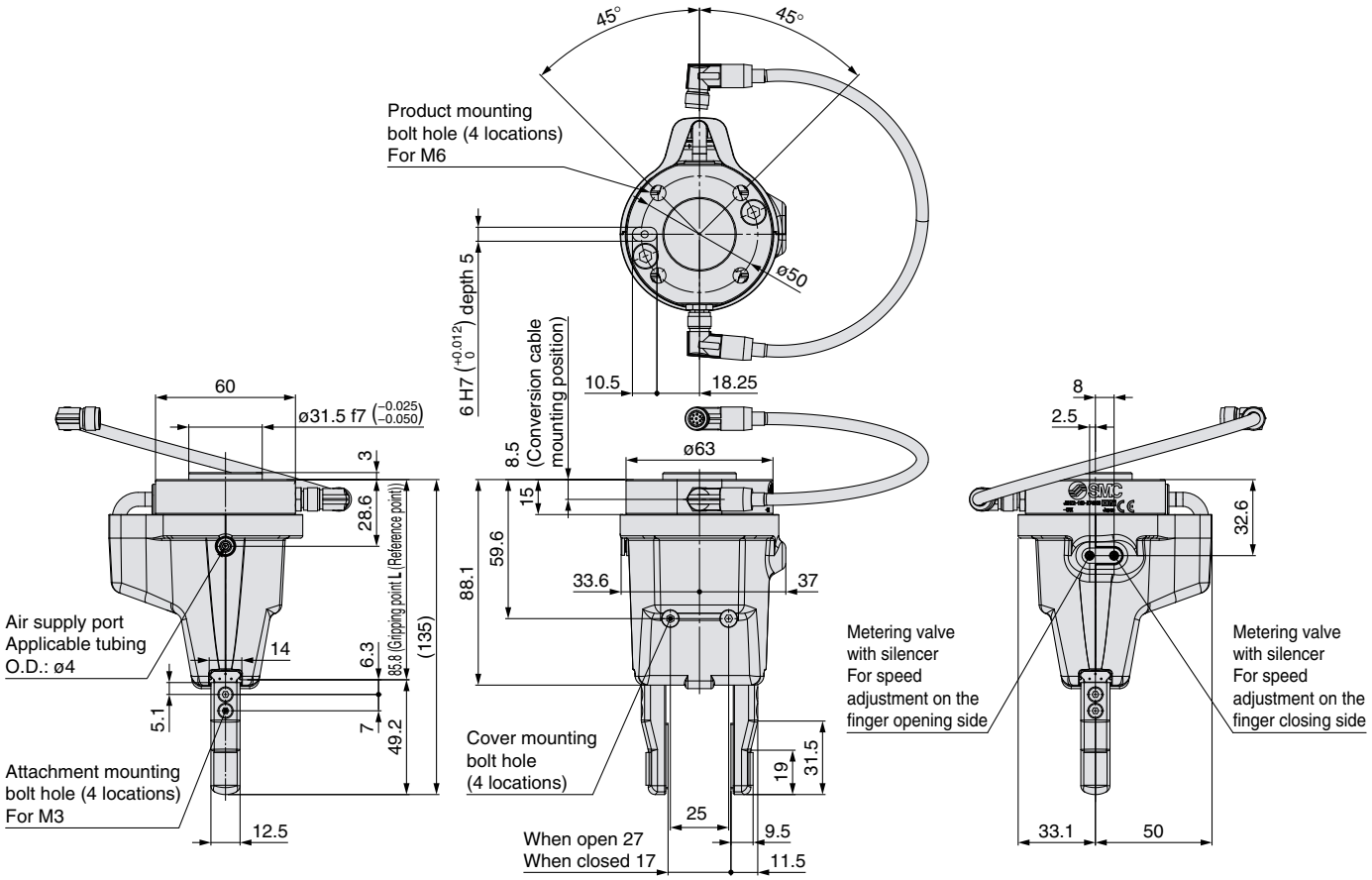


Internal grip





Dimensions



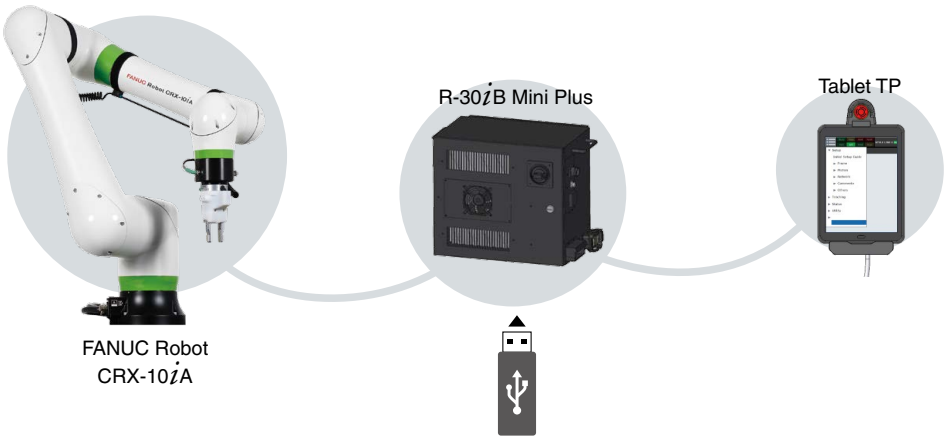
FANUC CRX
Plug-in Software

More information on the FANUC CRX plug-in software can be viewed here.

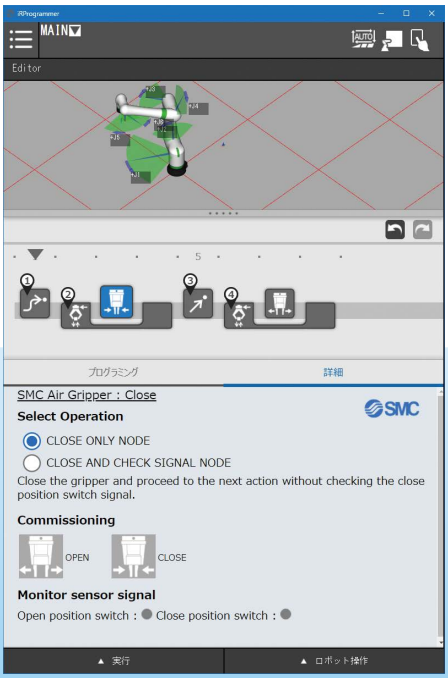
Easy programming

By using SMC's air gripper unit plug-in software, the dedicated setting window can be displayed and dedicated instructions can be executed.
The CRX plug-in software can be easily installed by inserting a USB stick containing the software (provided by SMC) into the control device.

＊ Please download the CRX plug-in software from the SMC website, and save it to a USB memory.



Tablet TP Editor Screen



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