

Air Gripper Unit for Collaborative Robots

YASKAWA Electric Corporation
collaborative robots
MOTOMAN-HC10/HC10DT compliant



Air gripper unit
for the MOTOMAN-HC10



Air gripper unit
for the MOTOMAN-HC10DT



JMHZ2-X7400B-HC10/HC10DT



More information
can be viewed here.

P-E20-21

Air Gripper Unit for Collaborative Robots

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- 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

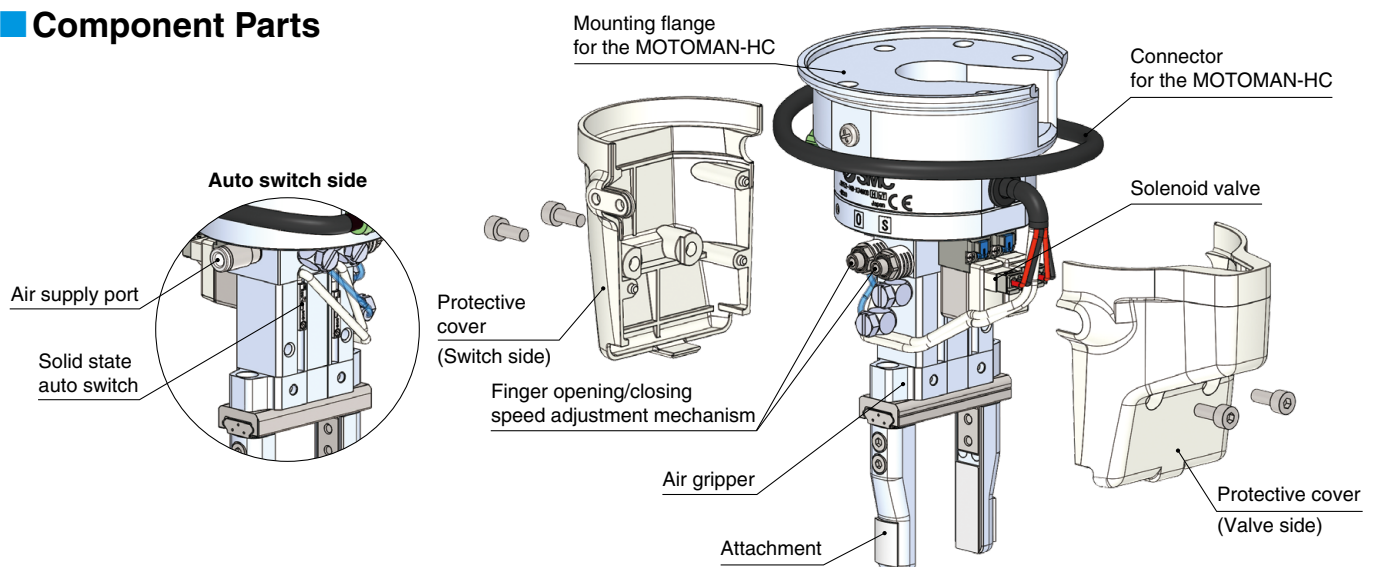
Repeatability: ± 0.01 mm

Linear guide of the higher rigidity and precision is used.

Higher rigidity (Compared with the same size of the existing MHZ2)

- 1 air supply tube and the electric wiring can be operated simply by connecting the annex cable.
- Integrated solenoid valve, speed adjustment mechanism, and auto switch
- 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



JMHZ2-16D-X7400B-HC10-P

Compatible robot

HC10	MOTOMAN-HC10
HC10DT	MOTOMAN-HC10DT

* The supplied flange differs depending on the product number.

Auto switch output type

Symbol	Auto switch model	Output type
N	D-M9N-5	NPN
P	D-M9P-5	PNP

Specifications

Bore size [mm]	16
Fluid	Air
Action	Double acting
Operating pressure [MPa]	0.1 to 0.7
Repeatability [mm]	± 0.01
Number of fingers	2
Gripping force	External 32.7
Effective value per finger [N]	Internal 43.5
Opening/Closing stroke (Both sides) [mm]	10
Weight [g]	720

■ **Included parts:** Robot mounting flange, piping tube, cable fixture, accessory cable



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