

Parallel Type Air Grippers

Linear Guide Parallel Type Air Gripper **MHZ□2**



- The linear guide improves rigidity and accuracy.
- Dustproof and drip proof construction
- Dust cover material is selectable.

Type	Series	Cylinder bore size [mm]
Compact	MHZA2-6	6
Compact, with dust cover	MHZAJ2-6	6
Standard	MHZ2	6, 10, 16, 20, 25, 32, 40
Long stroke	MHZL2	10, 16, 20, 25
Long stroke, with dust cover	MHZL2	10, 16, 20
With dust cover	MHZJ2	6, 10, 16, 20, 25, 32, 40

Cross Roller Guide Parallel Type Air Gripper **MHQ□2**



Type	Series	Cylinder bore size [mm]
High rigidity type	MHQG2	32, 40
With dust cover	MHQJ2	10, 16, 20, 25

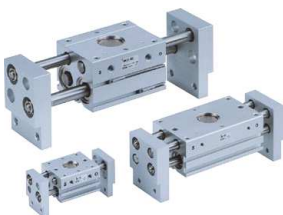
Low Profile Air Gripper **MHF2**



- Reduced height of approx. 1/3 of that of the standard gripper
- Low profile design that reduces moment generation
- Short, middle, and long strokes are available.
- Compact, but the double piston mechanism provides it with a strong gripping force.

Series	Cylinder bore size [mm]
MHF2	8, 12, 16, 20

Wide Type Air Gripper **MHL2**



- Long strokes
- Ideal for holding large-size workpieces that have dimensional variances
- The double pistons provide a large amount of gripping force.
- Built-in dust protection mechanism

Series	Cylinder bore size [mm]
MHL2	10, 16, 20, 25, 32, 40

Rotary Actuated Air Gripper 2-Finger Type **MHR2/MDHR2**



- A vertically compact configuration has been achieved through the use of a rotary actuator as the drive force source.
- Repeatability: ± 0.01 mm
- Supports class 10 clean rooms
- With auto switch (MDHR2 series: MDHR2)

Series	Cylinder bore size [mm]
MHR2	Nominal size: 10, 15, 20, 30
MDHR2	Nominal size: 10, 15, 20, 30

Parallel Type Air Grippers

Rotary Actuated Air Gripper 3-Finger Type **MHR3/MDHR3**



- A vertically compact configuration has been achieved through the use of a rotary actuator as the drive force source.
- Repeatability: ± 0.01 mm
- Supports class 10 clean rooms
- With auto switch (MDHR3 series: MDHR3)

Series	Cylinder bore size [mm]
MHR3	Nominal size: 10, 15
MDHR3	Nominal size: 10, 15

Wedge Cam Operation Slide Guide Air Gripper **MHK2**



- Wedge shaped cam driving mechanism
- High rigidity with a slide type guide
- A dustproof, drip proof, external force resistant, and environmental resistant type that can be used for a variety of applications
- To suit the environment, a selection of dust cover materials (chloroprene rubber, fluororubber, silicone rubber) and stainless steel (SUS304) fingers are available.
- Long stroke option is selectable.

Series	Cylinder bore size [mm]
MHK2	12, 16, 20, 25
MHKL2	12, 16, 20, 25

Slide Guide Round Body Air Gripper 2-Finger Type **MHS2**



- Vertically compact and lightweight due to the wedge shaped cam construction
- Ideal for operations in which external force is applied, such as press fitting operations
- Repeatability: ± 0.01 mm

Series	Cylinder bore size [mm]
MHS2	16, 20, 25, 32, 40, 50, 63

Slide Guide Round Body Air Gripper 3-Finger Type **MHS3**



- Vertically compact and lightweight due to the wedge shaped cam construction
- Ideal for operations in which external force is applied, such as press fitting operations
- Repeatability: ± 0.01 mm
- Long stroke type: Strokes 2 times longer than the standard type
- Gripping of cylindrical workpieces
- Reliable removal of the workpiece with through-holes and a center pusher

Type	Series	Cylinder bore size [mm]
Double acting	MHS3	16, 20, 25, 32, 40, 50, 63, 80, 100, 125
Single acting	MHS3-X84	16, 20, 25, 32, 40, 50, 63
With dust cover	MHSJ3	16, 20, 25, 32, 40, 50, 63, 80
Through-hole	MHSH3	16, 20, 25, 32, 40, 50, 63, 80
With dust cover + Through-hole	MHSHJ	16, 20, 25, 32, 40, 50, 63, 80
Long stroke	MHSL3	16, 20, 25, 32, 40, 50, 63, 80, 100, 125

Slide Guide Round Body Air Gripper 4-Finger Type **MHS4**



- Vertically compact due to its wedge shaped cam construction
- Optimally holds rectangular workpieces for positioning operations
- Repeatability: ± 0.01 mm
- Positioning of rectangular workpieces

Series	Cylinder bore size [mm]
MHS4	16, 20, 25, 32, 40, 50, 63