Parallel Type Air Gripper (Standard) Compact Series (Without Auto Switch) MHZA2-6/MHZAJ2-6 Series

MHZA 6 MHZAJ 6 Made to Order Refer to page 399 for details. With dust cover Dust cover type Chloroprene rubber (CR) Number of fingers Fluororubber (FKM) 2 2 fingers S Silicone rubber (Si) Bore size Body option 6 6 mm Nil: Basic type E: End boss type K: End boss type Port Side ported Axial ported Action (Double acting/Single acting) with ø4 One-touch fitting D Double acting (Single acting) S Single acting (Normally open) C Single acting (Normally closed) Finger option [Standard] Nil: Basic type H: End boss type M: End boss type 1: Side tapped mounting Axial ported Axial ported with ø4 hose nipple with M3 port (Single acting) (Single acting) 2: Through-holes in opening/closing direction 3: Flat type fingers

How to Order

Parallel Type Air Gripper/Compact Series MHZA2-6/MHZAJ2-6 Series



Specifications

Fluid		id	Air	
Operating pressure	Double acting		0.15 to 0.7 MPa	
	Single Normally open		0.3 to 0.7 MPa	
piessuie	acting	Normally closed	0.3 to 0.7 MPa	
Ambient and fluid temperature		nperature	−10 to 60°C	
Repeatability			±0.01 mm	
Max. opera	ting frequ	ency	180 c.p.m.	
Lubrication			Not required	
Action			Double acting/Single acting	

^{*} Use the gripper with dust cover when used in a place where there may be dust.

Symbol

Double acting: Internal grip



Double acting: External grip



Single acting/ Normally closed: Internal grip



Single acting/ Normally open: External grip



Model

Action			D	Gripping force Note)		Opening/	Weight (g)
		Model	Bore	Gripping force per finger Effective value (N)		Closing (Both sides)	
			(mm)	External	Internal	(mm)	
Doub		MHZA2-6D	6	3.3	6.1	4	26
acting	J	MHZAJ2-6D	6			4	27
	rmally	MHZA2-6S	6	1.9		4	26
Single	MHZA2-6S 6 1.9	1.9	_	4	27		
acting	yally	MHZA2-6C	6	•	3.7	4	26
	Normally closed	MHZAJ2-6C	6		3.7	4	27

Note) Values based on pressure of 0.5 MPa, gripping point L = 20 mm, at center of stroke.

Option

■Body Option/End Boss Type

	Symbol	Piping port location	Type of piping port	Applicable model	
		riping port location	MHZA2-6/MHZAJ2-6	Double acting	Single acting
	Nil	Basic type	M3 x 0.5	•	•
	E	Side ported	M3 x 0.5	•	•
	K		With ø4 One-touch fitting	_	•
	Н	Axial ported	With ø4 hose nipple	_	•
	М	,	M3 x 0.5	_	•

Made to Order

Made to Order

Click here for details

_	
Symbol	Specifications/Description
-X4	Heat resistance (100°C)
-X5	Fluororubber seal
-X12	Opening direction spring assist
-X53	EPDM seal/Fluorine grease
-X56	Axial ported type
-X63	Fluorine grease
-X64	Finger: Side tapped mounting
-X65	Finger: Through-hole mounting
-X79	Grease for food processing machines, Fluorine grease
-X79A	Grease for food processing machines
-X81A	Anti-corrosive treatment of finger
-X81B	Anti-corrosive treatment of finger and guide

Moisture Control Tube IDK Series

When operating an actuator with a small diameter and a short stroke at a high frequency, the dew condensation (water droplet) may occur inside the piping depending on the conditions.

MHZ

MHF

MHL

MHR

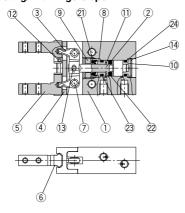
MHS MHC MHT

MHY
-X
MRHQ
MA

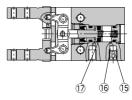
MHZA2-6/MHZAJ2-6 Series

Construction: Standard Type MHZA2-6

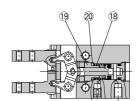
Double acting/With fingers open



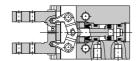
Single acting/Normally open



Single acting/Normally closed



Double acting/With fingers closed



Component Parts

Description	Material	Note	
Body	Aluminum alloy	Hard anodized	
Piston	Stainless steel		
Lever	Stainless steel	Heat treated	
Guide	Stainless steel	Heat treated	
Finger	Stainless steel	Heat treated	
Roller stopper	Stainless steel		
Lever shaft	Stainless steel	Nitriding	
Holder	Brass	Electroless nickel plated	
Holder lock	Stainless steel		
Сар	Aluminum alloy	Clear anodized	
Bumper	Urethane rubber		
Steel balls	High carbon chrome bearing steel		
Needle roller	High carbon chrome bearing steel		
	Body Piston Lever Guide Finger Roller stopper Lever shaft Holder Holder lock Cap Bumper Steel balls	Body Aluminum alloy Piston Stainless steel Lever Stainless steel Guide Stainless steel Finger Stainless steel Roller stopper Stainless steel Lever shaft Stainless steel Holder Brass Holder lock Stainless steel Cap Aluminum alloy Bumper Urethane rubber Steel balls High carbon chrome bearing steel	

Component Parts

COI	Component Farts						
No.	Description	Description Material					
14	Type C retaining ring	Carbon steel	Phosphate coated				
15	Exhaust plug	Brass	Electroless nickel plated				
16	Exhaust filter	Polyvinyl formal					
17	N.O. spring	Stainless steel spring wire					
18	N.C. spring	Stainless steel spring wire					
19	N.C. holder	Brass	Electroless nickel plated				
20	N.C. spacer	Stainless steel					
21	Rod seal	NBR					
22	Piston seal	NBR					
23	Gasket	NBR					
24	Gasket	NBR					

Replacement Parts

riopiacomoni, i arto						
Descr	iption	MHZA2-6□	Main parts			
Finger assembly		Please contact SMC to replace the seal kit and finger assembly.				
	MHZA2-6□□H	MHZA-A0607				
End boss assembly	MHZA2-6□□K	MHZA-A0608	Main body of adaptor Mounting screw for adaptor			
End boss assembly	MHZA2-6□□M	MHZA-A0609	Seal			
	MHZA2-6□□E	MHZA-A0610	1			

^{*} The end boss assembly other than type E should be mounted on the special body.

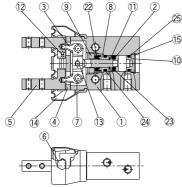
Replacement part/Grease pack part no.: GR-S-010 (10 g)



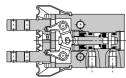
Parallel Type Air Gripper/Compact Series MHZA2-6/MHZAJ2-6 Series

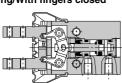
Construction: With Dust Cover MHZAJ2-6

Double acting/With fingers open



Double acting/With fingers closed





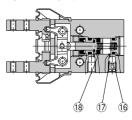
Component Parts

No.	Description	Material	Note	
1	Body	Aluminum alloy	Hard anodized	
2	Piston Stainless steel			
3	Lever	Stainless steel	Heat treated	
4	Guide	Stainless steel	Heat treated	
5	Finger	Stainless steel	Heat treated	
6	Roller stopper Stainless steel			
7	Lever shaft Stainless steel		Nitriding	
8	Holder	Brass	Electroless nickel plated	
9	Holder lock	Stainless steel		
10	Сар	Aluminum alloy	Clear anodized	
11	Bumper	Urethane rubber		
12	Steel balls	High carbon chrome bearing steel		
13	Needle roller	High carbon chrome bearing steel		

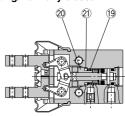
Replacement I	Par	ts		
Description			MHZAJ2-6	Main parts
Seal kit			Please contact SMC to re	place the seal kit.
	rial	CR	MHZAJ2-J6	
Dust cover	Mater	FKM	MHZAJ2-J6F	14
	ž	Silicone rubber	MHZAJ2-J6S	
Finger assembly			Please contact SMC to re	eplace the finger assembly.
	MHZA2-6□□H		MHZA-A0607	
End boss assembly	MHZA2-6□□K		MHZA-A0608	Main body of adaptor Mounting screw for adaptor
Life boss assembly	1	MHZA2-6□□M	MHZA-A0609	Seal
	MHZA2-6□□E		MHZA-A0610	

^{*} End boss type

Single acting/Normally open



Single acting/Normally closed



Con	Component Parts							
No.	Description	Material	Note					
		CR	Chloroprene rubber					
14	Dust cover	FKM	Fluororubber					
		Silicone rubber						
15	Type C retaining ring	Carbon steel	Phosphate coated					
16	Exhaust plug	Brass	Electroless nickel plated					
17	Exhaust filter	Polyvinyl formal						
18	N.O. spring	Stainless steel spring wire						
19	N.C. spring	Stainless steel spring wire						
20	N.C. holder	Brass	Electroless nickel plated					
21	N.C. spacer	Stainless steel						
22	Rod seal	NBR						
23	Piston seal	NBR						
24	Gasket	NBR						
25	Gasket	NBR	•					

MHZ MHF

> MHL MHR

MHK

MHS

MHC MHT

MHY

MHW

-X□ MRHQ

MA





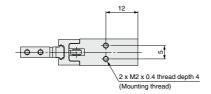
H = With hose nipple, K = With One-touch fitting, M = With M3 port, E = Side ported

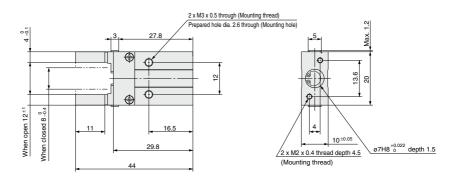
^{*} The end boss assembly other than type E should be mounted on the special body. Replacement part/Grease pack part no.: GR-S-010 (10 g)

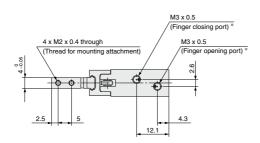
MHZA2-6/MHZAJ2-6 Series

Dimensions: Standard Type

MHZA2-6□ Double acting/Single acting Basic type





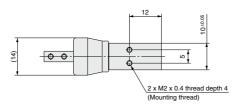


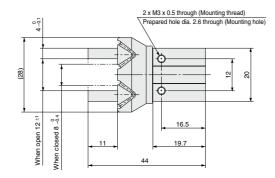
^{*} For single action, the port on one side is a breathing hole.

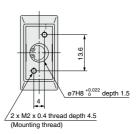
Parallel Type Air Gripper/Compact Series MHZA2-6/MHZAJ2-6 Series

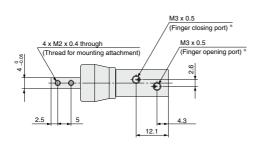
Dimensions: With Dust Cover

MHZAJ2-6□ Double acting/Single acting Basic type









* For single action, the port on one side is a breathing hole.

MHZ MHF

MHL

MHR MHK

MHS

MHC

MHT MHY

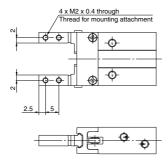
MHW

-X□ MRHQ

MA

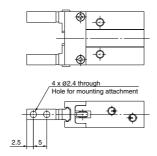
MHZA2-6 Series Finger Option

Side Tapped Mounting [1]



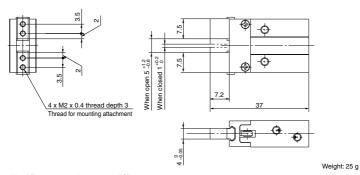
Through-holes in Opening/Closing Direction [2]

* Specifications and dimensions other than the above are the same as the basic type.



Flat Type Fingers [3]

* Specifications and dimensions other than the above are the same as the basic type.



Note) To mount attachments, use JISB1101 type M2 round head screws.

Be careful not to use commercially available M2 hexagon socket head cap bolt as its top diameter is large.

* Specifications and dimensions other than the above are the same as the basic type.



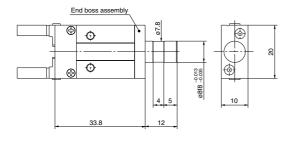
MHZA2-6/MHZAJ2-6 Series Body Option: End Boss Type

Applicable Model

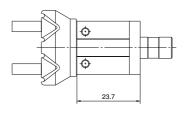
Symbol	Piping port location	Type of p	Applicable model		
Symbol	Piping port location	MHZA2	MHZAJ2	Double acting	Single acting
E	Side ported	M3 x 0.5		•	•
Н		With ø4 h	ose nipple	_	•
K	Axial ported	With ø4 One-touch fitting M3 x 0.5		_	•
М	•			_	•

Side Ported [E]

MHZA2-6□□E



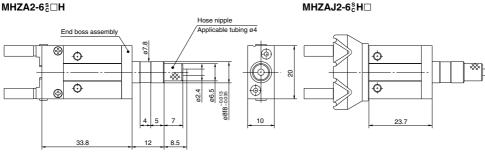
MHZAJ2-6□E□



* Specifications and dimensions other than the above are the same as the basic type.

Axial Ported (with hose nipple) [H]

* Specifications and dimensions other than the above are the same as the basic type or the end boss dimensions of the MHZA type.



^{*} Specifications and dimensions other than the above are the same as the basic type.

Applicable Tubing

	44					
	Description/		Soft nylon tubing	Polyurethane tubing	Polyurethane coil tubing	
Specifications	Model	T0425	TS0425	TU0425	TCU0425B-1	
Outside diameter	(mm)	4	4	4	4	
Max. operating pres	ssure (MPa)	1.0	0.8	0.5	0.5	
Min. bending radius (mm)		13	12	10	_	
Operating temperature (°C)		-20 to 60	-20 to 60	-20 to 60	-20 to 60	
Material		Nylon 12	Nylon 12	Polyurethane	Polyurethane	

Refer to "Pneumatic Piping Equipment (CAT. E50)" regarding One-touch fittings and tubing.



MHZ

MHF

MHR

MHK

MHS

MHC

MHT

MHY

-X□ MRHQ MA

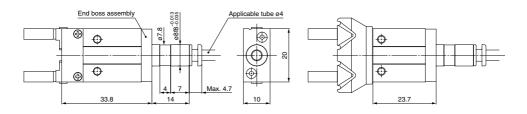
^{*} Specifications and dimensions other than the above are the same as the basic type or the end boss dimensions of the MHZA type.

MHZA2-6/MHZAJ2-6 Series

Axial Ported (with One-touch fitting) [K]

MHZA2-6 °C□K

MHZAJ2-6° K□



- * Specifications and dimensions other than the above are the same as the basic type.
- * Specifications and dimensions other than the above are the same as the basic type or the end boss dimensions of the MHZA type.

Applicable Tubing

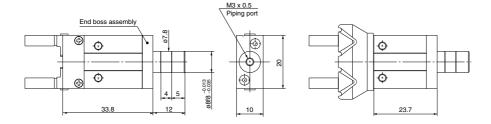
<u> </u>				
Description/	Nylon tubing	Soft nylon tubing	Polyurethane tubing	Polyurethane coil tubing
Specifications Model	T0425	TS0425	TU0425	TCU0425B-1
Outside diameter (mm)	4	4	4	4
Max. operating pressure (MPa)	1.0	0.8	0.5	0.5
Min. bending radius (mm)	13	12	10	_
Operating temperature (°C)	-20 to 60	-20 to 60	-20 to 60	-20 to 60
Material	Nylon 12	Nylon 12	Polyurethane	Polyurethane

Refer to "Pneumatic Piping Equipment (CAT. E50)" regarding One-touch fittings and tubing.

Axial Ported (with M3 port) [M]

MHZA2-6° □ M

MHZAJ2-6^s M□



- st Specifications and dimensions other than the above are the same as the basic type.
- * Specifications and dimensions other than the above are the same as the basic type or the end boss dimensions of the MHZA type.

Weight

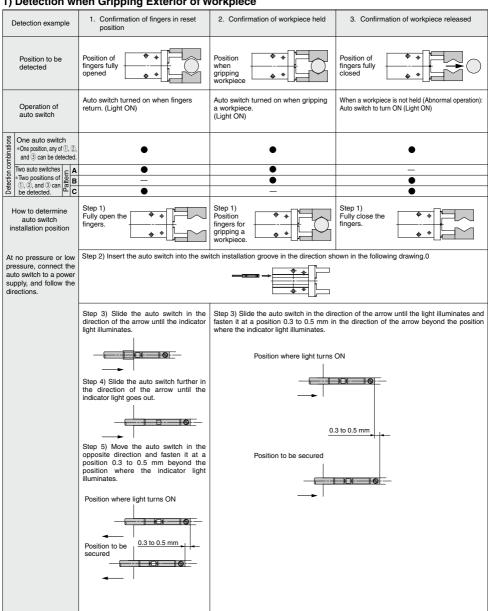
				(9)				
Model	End boss type (Symbol)							
Model	E	Н	K	M				
MHZA2-6□□	28	28	28	28				
MHZAJ2-6□□	29	29	29	29				

MHZ2/MHZ□2 Series

Auto Switch Installation Examples and Mounting Position

Various auto switch applications are possible through different combinations of auto switch quantities and detecting positions.

1) Detection when Gripping Exterior of Workpiece



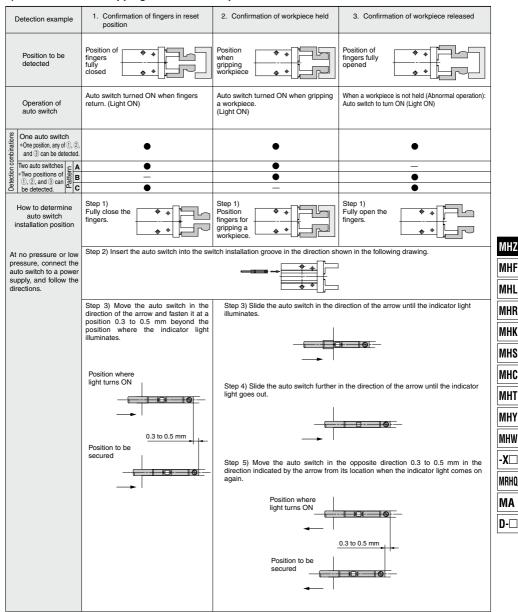
Note 1) It is recommended that gripping of a workpiece be performed close to the center of the finger stroke.

Note 2) When holding a workpiece close at the end of open/close stroke of fingers, detecting performance of the combinations listed in the above table may be limited, depending on the hysteresis of an auto switch, etc.

Parallel Type Air Gripper MHZ2, MHZ 2 Series

Various auto switch applications are possible through different combinations of auto switch quantities and detecting positions.

2) Detection when Gripping Interior of Workpiece



Note 1) It is recommended that gripping of a workpiece be performed close to the center of the finger stroke.

Note 2) When holding a workpiece close at the end of open/close stroke of fingers, detecting performance of the combinations listed in the above table may be limited, depending on the hysteresis of an auto switch, etc.

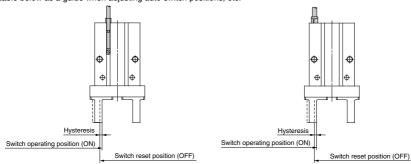


MHZ2, MHZ□2 Series

Auto Switch Hysteresis

Auto switches have hysteresis similar to micro switches.

Use the table below as a guide when adjusting auto switch positions, etc.



Hysteresis

Auto switch model Air gripper model	D-Y59A/Y59B D-Y69A/Y69B D-Y7P(V) D-Y7□W(V)	D-F8□	D-M9□(V) D-M9□W(V) D-M9□A(V)	
MHZ2-6□	No setting	0.5	0.5	
MHZ2-10□, MHZL2-10□	0.5	No setting	0.5 Note)	
MHZ2-16□, MHZL2-16□	0.5	0.5	0.5	
MHZ2-20□, MHZL2-20□	0.5	0.5	0.8	
MHZ2-25□, MHZL2-25□	0.5	0.5	0.5	
MHZ2-32□	0.5	0.5	0.7	
MHZ2-40□	0.5	0.5	0.9	
MHZJ2-6□		0.5	0.5	
MHZJ2-10□		0.5	0.5	
MHZJ2-16□	No setting	0.5	0.5	
MHZJ2-20□		0.5	0.8	
MHZJ2-25□		0.5	0.5	

Note) When mounting D-M9□(V), M9□W(V) and M9□A(V) on MHZ2-10□ and MHZL2-10, mounting brackets (BMG2-012) are required.

Parallel Type Air Gripper MHZ2, MHZ 2 Series

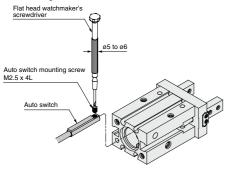
Auto Switch Mounting

Applicable models:

MHZ2-6 MHZJ2 Series

Round groove of the MHZ2 series Round groove of the MHZL2 series

To set the auto switch, insert the auto switch into the auto switch installation groove of the gripper from the direction indicated in the following drawing. After setting the position, tighten the attached auto switch mounting screw with a flat head watchmaker's screwdriver.



Note) Use a watchmaker's screwdriver with a grip diameter of 5 to 6 mm to tighten the auto switch mounting screw.

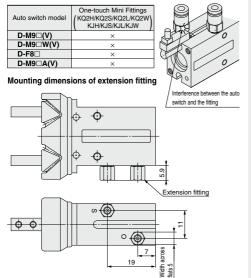
Also, tighten with a torque of about 0.05 to 0.15 N⋅m, or about 0.05 to 0.10 N⋅m for D-M9□A(V).

0.10 N⋅m for D-M9⊔A(V).

[Mounting of Auto Switch: Precautions]
When mounting an auto switch on the piping port surface of the MHZJ2-10□,

When mounting an adio switch mit is plain your surface of the winzaz-10_, the auto switch may not be mountable due to interference with the fitting.

Use an extension fitting included with the product for the combinations in the table below.

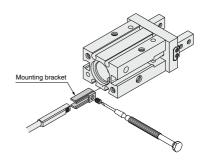


When mounting extension fittings, first, tighten it by hand, then give it an additional 1/4 turn with a wrench.

Applicable models:

Square groove on the side of the MHZ2 series Square groove on the side of the MHZL2 series

- (1) To set the auto switch, insert the auto switch into the installation groove of the cylinder as shown below and set it roughly.
- (2) Insert the auto switch into the auto switch bracket installation groove.
- (3) After confirming the detecting position, tighten the set screws (M2.5) attached to the auto switch and set it.
- (4) Be sure to change the detecting position in the state of (2).



Auto Switch Mounting Bracket: Part No.

Auto switch part no.	Auto switch mounting bracket part i			
D-M9□(V) D-M9□W(V) D-F8□ D-M9□A(V)	BMG2-012			

Note) Use a watchmaker's screwdriver with a grip diameter of 5 to 6 mm to tighten the set screws (M2.5).

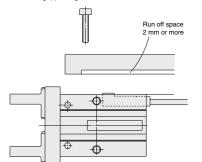
The tightening torque should be 0.05 to 0.1 N·m.

As a guide, it should be turned about 90° beyond the point at which tightening can be felt.

Note) D-F8□ cannot be mounted on MHZ2-10□, MHZJ2-10□ and MHZL2-10□

[Handling of Mounting Brackets: Precautions]

When auto switch is set on the mounting side as shown below, allow at least 2 mm run off space on mounting plate since the auto switch is protruded from the gripper edge.



MHZ

MHR

MHK

MHC

MHY

MHW

-**X**□

MRHQ MA



MHZ2, MHZ□2 Series

Protrusion of Auto Switch from Edge of Body

The amount of auto switch protrusion from the body's end surface is as shown in the table below.

Use this as a standard when mounting, etc.

D-F8□ has no protrusion from the body's end surface.

The end boss type has no protrusion either.

Standard Body

Lead wire type			e type	In-line electric	cal entry type	Perpendicular electrial entry type				
Explanatory drawing										
\	Air gripper		6.	-L	L	Ļ				
	\	(de)	17/12			+-			-	
	Air gripper model		OB.	D-Y59□ D-Y7P D-Y7□W	D-M9□ D-M9□W D-M9□A		D-Y69□ D-Y7PV D-Y7□WV	D-M9□V D-M9□WV	D-M9□AV	
		MHZ2-6□	Open Close	No setting	11	13 15	No setting	9	11	
			Open	1	3.5 Note 3)	5.5 Note 3)		1.5 ^{Note 3)}	3.5 Note 3)	
		MHZ2-10□	Close	7.5	6.5 Note 3)	8.5 Note 3)	6.5	4.5 ^{Note 3)}	6.5 Note 3)	
			Open	-	1	3	-	_	-	
7	_	MHZ2-16□	Close	6	4	6	5	2	4	
6	2				_	-	3			
3	olaridaru	MHZ2-20□	Open Close	4	2	4	3			
	g		_	4		4	3			
0	ח	MHZ2-25□	Open							
			Close	1	_			_		
		MHZ2-32□	Open	_	_			_		
			Close	3	_		2		_	
		MHZ2-40□	Open		_			_	_	
		IIIIIZZ 40	Close	2	_	_	1	_	_	
		MHZJ2-10 MHZJ2-16 MHZJ2-20	Open		11	13		9	11	
			Close		13	15	No setting	11	13	
1	ē		Open		5	7		3	5	
1	õ		Close		7	9		5	7	
1	5		Open		2	4		_	_	
3	Ĕ		Close	No setting	5	7		3	5	
	5		Open		_	_		_	_	
1 3	=	MHZJ2-20□	Close		3	5		1	3	
=	>		Open						_	
		MHZJ2-25□	Close		2	4		_	_	
			Open	0.5	1.5 Note 3)	3.5 Note 3)		_	_	
	_	MHZL2-10D	Close	8.5	8 Note 3)	10 Note 3)	7.5	6 Note 3)	8 Note 3)	
	acting		Open	0.3	_		7.0		_	
	ಠ	MHZL2-16D	Close	8	6	8	7	4	6	
	a)		_	- B	-	0		- 4	-	
	ă	MHZL2-20D	Open			7	_			
	Double		Close	7	5		6	3	5	
		MHZL2-25D	Open		_	_			_	
			Close	5.5	3.5	5.5	4.5	1.5	3.5	
	Single acting (Normally open)	MHZL2-10S	Open		_			_	_	
ø	9 9		Close		_	_		_	_	
첫	mall	MHZL2-16S	Open	_	_	_	_	_	_	
str	S		Close	3	1	3	2	_	_	
Long stroke	ng (MHZL2-20S	Open		_	_		_	_	
ō	acti	WITIZEZ-ZUS	Close	1			_		_	
	용	MUZI 2 250	Open	_	_				_	
	Sin	MHZL2-25S	Close	_	_	_		_	_	
	6	MUZI 0 400	Open	_	_	_	_	_	_	
	Sos	MHZL2-10C	Close	5.5	5 Note 3)	7 Note 3)	4.5	3 Note 3)	5 Note 3)	
	Single acting (Normally closed)		Open	_	_	_		_	_	
	E E	MHZL2-16C	Close	5.5	3.5	5.5	4.5	1.5	3.5	
	ž		Open	_						
	gig	MHZL2-20C	Close	3.5	1.5	3.5	2.5	_	_	
	le a		Open	-	_	_			_	
	giig	MHZL2-25C	Close	1.5			0.5			
\Box	0,		01036	1.0	_		0.5	_	_	

Note 1) There is no protrusion if no values are entered in the table.

Note 2) The actual mounting position should be adjusted after confirming the auto switch operating conditions.

Note 3) When mounting D-MSC[V), MSC[W(V) and MSC]A(V) on MHZ2-10[] and MHZL2-10, mounting brackets (BMG2-012) are required.



MHZ2 Series

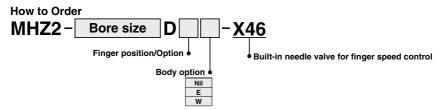
Made to Order: Individual Specifications 1



1 Built-in needle valve for finger speed control

Installation of a variable throttle allows adjustment of the finger opening/closing speed

Symbol -X46

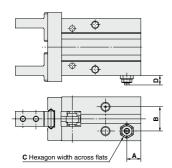


Specifications

Bore size (mm)	10, 16, 20, 25			
Action	Double acting			
Needle position	Refer to the dimensions and figures below.			
Specifications/dimensions other than the above	Same as the standard type			

Note) Not available for ø6, ø32 and ø40.

Dimensions (Dimensions other than specified below are the same as the standard type.)



Adjust so that the finger opening/closing speed will be no greater than necessary. If the finger opening/closing speed is greater than necessary, impact forces acting on the fingers and other parts will increase. This can cause a loss of repeatability when gripping workpieces and have an adverse effect on the life of the unit.

This needle is used to adjust the finger closing speed. When adjusting the opening speed (altenuating inpact during operation, etc.), use a meter-out control speed controller AS series.

Guide for Internal Needle Adjustment

Model	Number of rotations from fully closed needle condition Note)
MHZ2-10D□□-X46	1/4 to 1/2
MHZ2-16D□□-X46	1/2 to 1
MHZ2-20D□□-X46	1 to 1 ¹ / ₂
MHZ2-25D□□-X46	11/2 to 2

Note) The condition in which the needle is tightened gently until it stops.

				(n
Model	Α	В	С	D*
MHZ2-10D□□-X46	9	11	4.5	5.2
MHZ2-16D□□-X46	7.5	13	7	5.8
MHZ2-20D□□-X46	10	15	7	6
MHZ2-25D□□-X46	10.7	20	7	6.2

Dimensions other than the above are identical to the standard type; refer to pages 417 to 420.

* Reference values to establish criteria for needle adjustment.

MHZ MHF

MHL

MHK

MHS

MHT

MHY

MHW -X□

MRHQ

MA

MHZ2 Series

Made to Order: Individual Specifications 2



2 MHQ2/MHQG2 Compatible Flat Type Fingers

Previous MHQ2/MHQG2 series compatible flat type finger is selectable for the MHZ2 series.

Symbol -X51

How to Order MHZ2-**Bore size** Body option Action 4 D Nil s Ε С w κ М Finger position MHQG2 compatible type MHQ2 compatible type

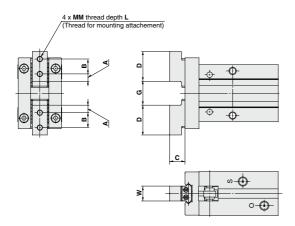
Specifications

opoomounomo	
Bore size (mm)	10, 16, 20, 25
Action	Double acting, Single acting (normally open, normally closed)
Finger dimensions	Refer to the dimensions and figures below.
Specifications/dimensions other than the above	Same as the standard type

Note 1) Not available for ø6, ø32 and ø40.

Note 2) An option symbol (3) for the flat finger type is not specified.

Dimensions (Dimensions other than specified below are the same as the standard type.)



(mm)										
Model		А В		С	,	G		мм		w
			- P		D	Open	Closed	IVIIVI		W
MHZ2-10□□□-X51	MHQG2 compatible	3	6	5.2	12	9.7 +2.2	5.7 -0.4	M2 x 0.4	3.6	5 -0.05
MHZ2-10 LL L-X51	MHQ2 compatible	2	5	5.2	9	9.7 +2.2	5.7 -0.4	M2 x 0.4	3.6	5 -0.05
MHZ2-16□□□-X51	MHQG2 compatible	4	8	8.3	16	12.6 +2.2	6.6 -0.4	M3 x 0.5	6	8 -0.05
MHZZ-10UUU-X51	MHQ2 compatible	2.5	7	8.3	12	12.6 +2.2	6.6-0.4	M3 x 0.5	6	8 -0.05
MHZ2-20□□□-X51	MHQG2 compatible	5	10	10.5	20.8	17.2 +2.2	7.2 -0.4	M4 x 0.7	8	10 -0.05
MHZ2-20	MHQ2 compatible	3.3	9	10.5	15.5	17.2 +2.2	7.2 -0.4	M4 x 0.7	8	10 -0.05
MHZ2-25□□□-X51	MHQG2 compatible	6.5	12	13.1	25	22.8 +2.5	8.8 -0.4	M5 x 0.8	10	12-0.05
	MHQ2 compatible	3.5	12	13.1	19	22.8 +2.5	8.8 -0.4	M5 x 0.8	10	12-0.05