

Rotary Table: Basic Type Vane Style

Series 25A-MSUB

Size: 1, 3, 7, 20

How to Order



Bearing type

B	Basic type
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Free mount type

Connection port location

Nil	Side ported
E	Axial ported

Available with side ported only, when equipped with auto switch unit.

Without auto switch 25A – M SUB 20 – 90 S

With auto switch 25A – M D SUB 20 – 90 S – T79 L 1

Series compatible with secondary batteries

With auto switch (Built-in magnet)

Nominal size (Torque)

1	MSUB 1
3	MSUB 3
7	MSUB 7
20	MSUB20

Rotating angle

Application	Symbol	Rotating angle
Single vane	90	90°
	180	180°
Double vane	90	90°

Rotation adjustment range
Single vane: Both ends $\pm 5^\circ$ each
Double vane: Both ends $\pm 2.5^\circ$ each

Vane type

S	Single vane
D	Double vane

Number of auto switches

S	1 pc. *
Nil	2 pcs. **

* S (1 auto switch) is shipped with a right-hand auto switch.
** Nil (2 auto switches) is shipped with a right-hand and a left-hand switch.

Electrical entry/Lead wire length

Nil	Grommet/Lead wire: 0.5 m
L	Grommet/Lead wire: 3 m

Auto switch

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for applicable auto switches.

* Specifications and dimensions for the 25A-series are the same as standard products.

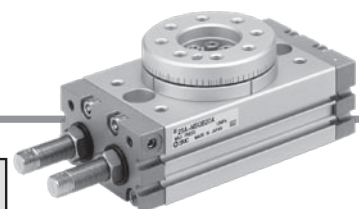
* Zinc is used in part of deep groove ball bearing.

Rotary Table: Rack & Pinion Style

Series 25A-MSQ

Size: 10, 20, 30, 50, 70, 100

How to Order



25A-MSQ B 10 A - M9BWL

Series compatible with secondary batteries

Size

10
20
30
50
70
100

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch type

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for applicable auto switches.

A With adjustment bolt

* Zinc is used in part of deep groove ball bearing and seal washer.
* Side port cannot be used.

* Some parts have sizes and shapes that are different from the standard products.

With Vacuum Port

(Made to order)

25A-MSQB 10 A X - M9BWL -X251

Series compatible with secondary batteries

Size

10
20
30
50
70
100

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch type

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for applicable auto switches.

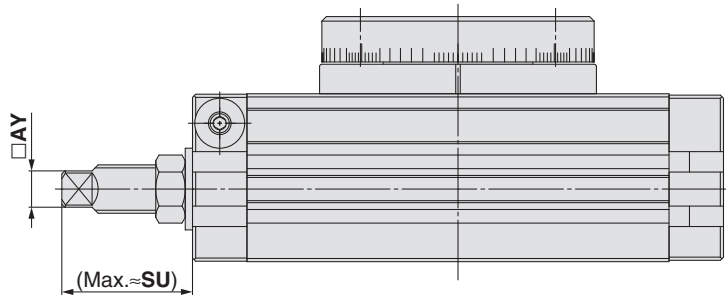
A With adjustment bolt

* Zinc is used in part of deep groove ball bearing and seal washer.
* Side port cannot be used.

* Some parts have sizes and shapes that are different from the standard products.

Dimensions

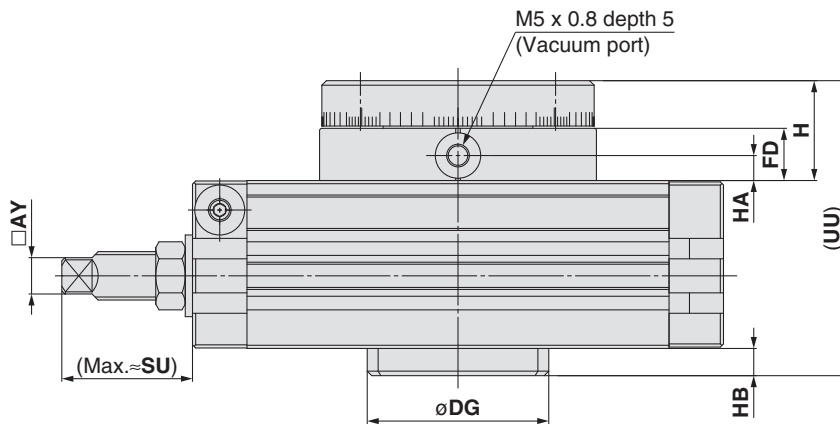
25A-MSQB□A



(mm)		
Size	AY	SU
10	6	23.7
20	8	33
30	8	33
50	10	42.9
70	16	44.2
100	16	44.3

* Dimensions other than above are identical to the standard products.

25A-MSQB□AX-X251



(mm)								
Size	AY	DG	FD	FD	HA	HB	SU	UU
10	6	35h9	11.5	20	5.5	5	23.7	59
20	8	40h9	11.5	22	5.5	6	33	65
30	8	48h9	11.5	22	5.5	6	33	68
50	10	54h9	11.5	24	5.5	7	42.9	77
70	16	50h9	12	25	6	7	44.2	85
100	16	52h9	12	27	6	7	44.3	93

* The product with the vacuum port has no hollow shaft at its rotation center.

* Dimensions other than above are identical to the standard products.

Parallel Style Air Gripper Standard Type

Series 25A-MHZ2

ø10, ø16, ø20, ø25, ø32, ø40

How to Order



Bore size

ø16 to ø25

25A-MHZ2-16 D - M9BW

Series compatible with secondary batteries

Number of fingers

2 2 fingers

Bore size

10	10 mm
16	16 mm
20	20 mm
25	25 mm

Action

D Double acting

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil Without auto switch (Built-in magnet)

* Refer to page 133 for the applicable auto switch model.

Finger position/option

Standard
(MHQG2 compatible type)

Nil: Basic type

1: Side tapped mounting

2: Through-holes in opening/closing direction

3: Flat type fingers

The flat type fingers do not have standard and narrow options.

Narrow type
(MHQ2 compatible type)

N: Basic type

N1: Side tapped mounting

N2: Through-holes in opening/closing direction

Bore size

ø32, ø40

25A-MHZ2-32 D - M9BW

Series compatible with secondary batteries

Number of fingers

2 2 fingers

Bore size

32	32 mm
40	40 mm

Action

D Double acting

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil Without auto switch (Built-in magnet)

* Refer to page 133 for the applicable auto switch model.

Finger option

[Standard]

Nil: Basic type

1: Side tapped mounting

2: Through-holes in opening/closing direction

3: Flat type fingers



* Specifications and dimensions for the 25A-series are the same as standard products.

Parallel Style Air Gripper Long StrokeType Series 25A-MHZL2

How to Order

25A - MHZL2 - 16 D - M9BW

Series compatible with secondary batteries

Number of fingers

2	2 fingers
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Bore size

Symbol	Bore size (mm)
10	10 mm
16	16 mm
20	20 mm
25	25 mm

Action

D	Double acting
---	---------------

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for the applicable auto switch model.

Finger option

Nil: Basic type

1: Side tapped mounting

2: Through-holes in opening/closing direction

3: Flat type fingers

* Specifications and dimensions for the 25A-series are the same as standard products.

Parallel Style Air Gripper with Dust Cover

Series 25A-MHZJ2

Parallel Style Air Gripper with Dust Cover: Long Stroke Type

Series 25A-MHZL2 (Made to Order)

How to Order



25A-MHZJ2-16D-M9BW

Series compatible with secondary batteries

Number of fingers

2	2 fingers
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Bore size

10	10 mm
16	16 mm
20	20 mm
25	25 mm

Action

D	Double acting
---	---------------

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for the applicable auto switch model.

Dust cover type

Nil	Chloroprene rubber (CR)
F	Fluororubber (FKM)
S	Silicon rubber (Si)

* Specifications and dimensions for the 25A-series are the same as standard products.

Long Stroke Type/ With Dust Cover (Made to Order)

25A-MHZL2-16D F-M9BW-X5955

Series compatible with secondary batteries

Number of fingers

2	2 fingers
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Bore size/Stroke

Symbol	Bore size (mm)
10	10 mm
16	16 mm
20	20 mm

Action

D	Double acting
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Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for the applicable auto switch model.

Dust cover type

Nil	Chloroprene rubber (CR)
S	Fluororubber (FKM)
F	Silicon rubber (Si)

* Specifications for the 25A-series are the same as standard products.

Low Profile Air Gripper

Series 25A-MHF2

How to Order



25A—MHF 2 — 12 D — M9BW

- **Series compatible with secondary batteries**

Number of fingers
2 2 finger

Bore size (mm)

8	8
12	12
16	16
20	20

Action
D Double acting

Stroke

Nil	Short stroke
1	Medium stroke
2	Long stroke

- **Number of auto switches**

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

- **Auto switch**

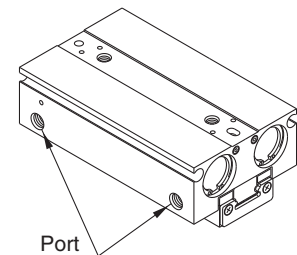
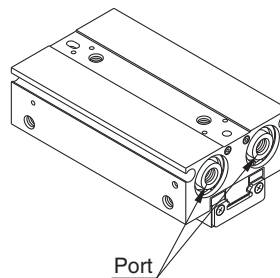
Nil Without auto switch (Built-in magnet)

* Refer to page 133 for the applicable auto switch model.

- **Body option**

Nil: Axial piping type

R: Side piping type



* Specifications and dimensions for the 25A-series are the same as standard products.

Parallel Style Air Gripper: Wide Type

Series 25A-MHL2

ø10, ø16, ø20, ø25, ø32

How to Order



25A-MHL2-20D **M9BW**

Series compatible with secondary batteries

Wide opening

Number of fingers

2 2 fingers

Bore size

10	10 mm
16	16 mm
20	20 mm
25	25 mm
32	32 mm
40	40 mm

Action

D Double acting

Number of auto switches

Nil	2 pcs.
S	1 pc.
n	"n" pcs.

Auto switch

Nil Without auto switch (Built-in magnet)

* Refer to page 133 for the applicable auto switch model.

Opening/Closing stroke (mm)

Symbol	ø10	ø16	ø20	ø25	ø32	ø40
Nil	20	30	40	50	70	100
1	40	60	80	100	120	160
2	60	80	100	120	160	200

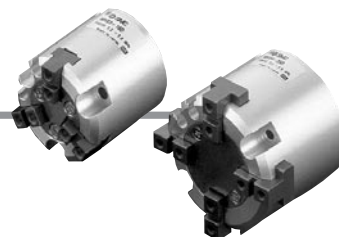
* Specifications and dimensions for the 25A-series are the same as standard products (Weight is not the same).

Parallel Style Air Gripper

Series 25A-MHS □

Ø16, Ø20, Ø25

How to Order



25A - MHS 3 - 20 D - M9BW □

Series compatible with secondary batteries

Number of fingers

3	3 fingers
4	4 fingers

Bore size

16	16 mm
20	20 mm
25	25 mm

Action

D	Double acting
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Number of auto switches

Nil	2 pcs.
S	1 pc.

Auto switch

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for the applicable auto switch model.

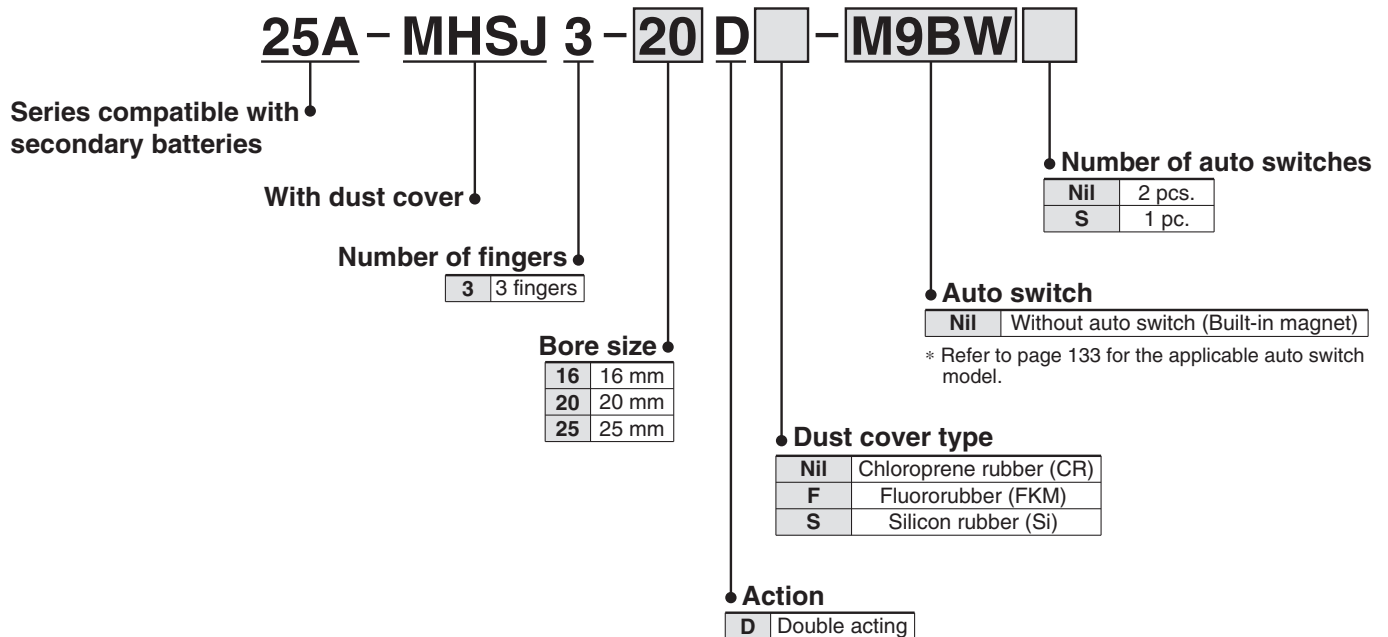
* Specifications and dimensions for the 25A-series are the same as standard products.

Parallel Style Air Gripper 3-Finger Type with Dust Cover

Series **25A-MHSJ3**

ø16, ø20, ø25

How to Order



* Specifications and dimensions for the 25A-series are the same as standard products.

180° Angular Style Air Gripper Cam Style

Series 25A-MHY2

Ø10, Ø16, Ø20, Ø25

How to Order

25A - MHY 2 - 16 D 2 - M9BW

- Series compatible with secondary batteries**
- Number of fingers**

2	2 fingers
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- Bore size**

10	10 mm
16	16 mm
20	20 mm
25	25 mm
- Action**

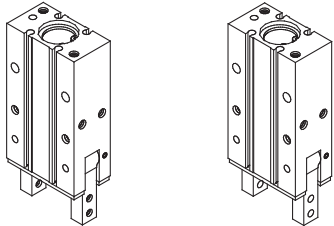
D	Double acting
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- Auto switch**

Nil	Without auto switch (Built-in magnet)
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* Refer to page 133 for the applicable auto switch model.
- Number of auto switches**

Nil	2 pcs.
S	1 pc.
n	"n" pcs.
- Finger option**

Nil: Standard tapped mounting	2: Through-holes in opening/closing direction
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* Specifications and dimensions for the 25A-series are the same as standard products.