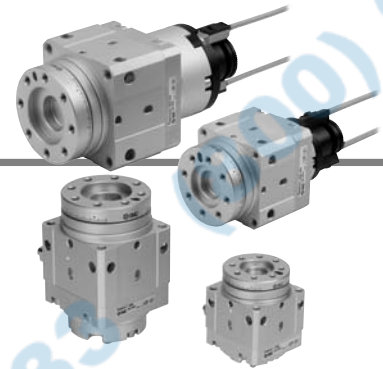


Rotary Table: High Precision Type Vane Style

Series **MSUA**

Size: 1, 3, 7, 20



How to Order

Bearing type

A	High precision type
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Free mount type

Nil	Side ported
E	Axial ported

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

Without auto switch MSUA 20 - 90 S []

With auto switch M D SUA 20 - 90 S - T79 L []

With auto switch (Built-in magnet)

Nominal size (Torque)

1	MSUA 1
3	MSUA 3
7	MSUA 7
20	MSUA20

Rotating angle

Applicable	Symbol	Rotating angle
Single vane	90	90°
	180	180°

Rotation adjustment range
Single vane: Both ends ±5° each

Vane type

S	Single vane
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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
C	Connector/Lead wire: 0.5 m
CL	Connector/Lead wire: 3 m
CN	Connector/Without lead wire

* Available only with R73, R80 and T79 type connectors.
** Lead wire with connector part nos.
D-LC05: Lead wire 0.5 m
D-LC30: Lead wire 3 m
D-LC50: Lead wire 5 m

Auto switch

Nil	Without auto switch (built-in magnet)
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*Refer to the table below for the applicable auto switch model.

Applicable Auto Switch/Refer to pages 761 to 809 for further information on auto switches.

Applicable model	Type	Special function	Electrical entry	Indicator/light	Wiring (Output)	Load voltage		Auto switch model		Lead wire type	Lead wire length (m)*				Pre-wired connector	Applicable load	
						DC	AC	Perpendicular	In-line		0.5 (Nil)	3 (L)	5 (Z)	None (N)			
MDSUA1 MDSUA3	Solid state switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	S99V	S99	Heavy-duty cord	●	●	—	—	○	IC circuit	
					3-wire (PNP)			S9PV	S9P		●	●	—	—	○		
	Reed switch	—	Grommet	No	2-wire	24 V	5 V, 12 V, 24 V	5 V, 12 V, 24 V	—	90	Parallel cord	●	●	●	—	—	Relay, PLC
									5 V, 12 V, 100 V	—		90A	●	●	●	—	
MDSUA7 MDSUA20	Solid state switch	—	Grommet	Yes	3-wire (NPN)	5 V, 12 V	—	—	S79	Heavy-duty cord	●	●	—	—	○	IC circuit	
					3-wire (PNP)			—	S7P		●	●	—	—	○		
					—			—	T79		●	●	—	—	—		
	Reed switch	—	Connector	No	2-wire	24 V	100 V	100 V	—	R79C	Heavy-duty cord	●	●	●	●	—	Relay, PLC
									—	R73		●	●	—	—	—	
									—	R73C		●	●	●	●	—	
—	—	Grommet	No	—	48 V, 100 V	100 V	100 V	—	R80	—	●	●	—	—	IC circuit		
								—	R80C		●	●	●	●		—	—

* Lead wire length symbols: 0.5 m Nil (Example) R73C
3 m L (Example) R73CL
5 m Z (Example) R73CZ
None N (Example) R73CN

* Auto switches are shipped together (but not assembled).

* Auto switches marked with "○" are made-to-order specifications.

Order example: MSUA20 single vane type (connection port side location selected)

- Standard type (Without auto switches), Rotation 90°, side port location
MSUA20-90S
- With auto switch unit (Without auto switches), Rotation 180°, side port location
MDSUA20-180S
- With auto switch unit + Auto switch R73, Rotation 180°, Side port location
MDSUA20-180S-R73

Refer to pages 796 and 797 for detailed solid state auto switches with pre-wired connectors.