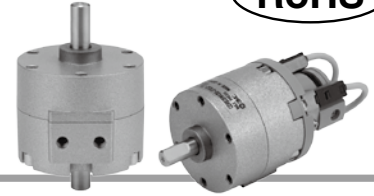


# Rotary Actuator Vane Type Series CRB2

Size: 10, 15, 20, 30, 40



## How to Order

**Without auto switch**  
CRB2 **B** **S** **□** **□** - **180** **S** **E** **Z** **□**

**With auto switch**  
Size: 10, 15  
CDRB2 **F** **W** **□** **□** - **180** **S** **Z** - **T99** **L** **□** **□**

**With auto switch**  
Size: 20, 30, 40  
CDRB2 **B** **W** **□** **□** - **180** **S** **Z** - **T79** **L** **□** **□**

**Size**  
10  
15  
20  
30  
40

**Connecting port location**  
Nil Side ported  
E Axial ported

**Mounting**  
B Basic type  
F Flange type  
\* F: Except size 40

**Vane type**  
S Single vane  
D Double vane

**Auto switch**  
Nil Without auto switch (Built-in magnet)

**Number of auto switches**  
S 1 pc. \*  
Nil 2 pcs. \*\*

**Shaft type**  
S Single shaft \*  
W Double shaft \*\*  
J Simple Specials  
K Simple Specials  
T Simple Specials  
Y Simple Specials

**Patterned sequencing order**  
Nil Standard  
P Simple Specials/Made to Order  
\* For details, refer to pages 19 to 30.

**Rotating angle**  
Single vane: 90, 180, 270  
Double vane: 90, 100

**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

**Made to Order**  
For details, refer to the table below.

**With auto switch**  
(With auto switch unit and built-in magnet)  
\* Refer to page 33 when the auto switch unit is needed separately.

\* Single shaft with single flat (size 10 to 30); Key (size 40)  
\*\* Double shaft with single flat (Size 10 to 30)  
Long shaft key, Short shaft with single flat (Size 40)  
Refer to Page 4 for details of simple specials J, K, T and Y.  
Note) When an auto switch is mounted to the rotary actuator, only shaft types W and J are available.

## Applicable Auto Switches/Refer to Best Pneumatics No.4 for further information on auto switches.

Applicable size	Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Load voltage		Auto switch model		Lead wire type	Lead wire length (m) <sup>①</sup>				Pre-wired connector	Applicable load
						DC	AC	Perpendicular	In-line		0.5 (Nil)	3 (L)	5 (Z)	None (N)		
For 10, 15	Solid state auto switch	—	—	Yes	3-wire (NPN) 3-wire (PNP)	5 V, 12 V	—	S99V S99	Oilproof heavy-duty vinyl cord	●	●	○	—	○	IC circuit	
								S9PV S9P		●	●	○	—	○		
								T99V T99		●	●	○	—	○		
	Reed auto switch	—	Grommet	No	2-wire	24 V	5 V, 12 V	5 V, 12 V, 24 V	—	90	●	●	●	—	—	IC circuit
							5 V, 12 V, 100 V	5 V, 12 V, 24 V, 100 V	—	90A	●	●	●	—	—	
							—	—	—	97	●	●	●	—	—	
For 20, 30, 40	Solid state auto switch	—	Grommet	Yes	3-wire (NPN) 3-wire (PNP)	5 V, 12 V	—	—	S79	●	●	○	—	○	IC circuit	
								—	S7P	●	●	○	—	○		
								12 V	—	T79	●	●	○	—		○
	Reed auto switch	—	Connector	No	2-wire	24 V	—	100 V	—	T79C	●	●	●	—	—	Relay, PLC
							—	—	—	R73	●	●	○	—	—	
							—	—	—	R73C	●	●	●	—	—	
—	Grommet	—	No	—	48 V, 100 V	100 V	—	R80	●	●	○	—	—	IC circuit		
						—	24 V or less	—	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

\* Solid state auto switches marked with "○" are produced upon receipt of order.

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

## Flange Assembly Part No.

(For details, refer to page 5.)

Model	Assembly part no.
CRB2F□10	P211070-2
CRB2F□15	P211090-2
CRB2F□20	P211060-2
CRB2F□30	P211080-2



**Made to Order**  
(For details, refer to pages 19 to 23, 29, 30.)

Symbol	Description
XA1 to XA24	Shaft type pattern
XC1	Add connecting ports
XC2	Change threaded hole to through-hole
XC3	Change the screw position
XC4	Change the rotation range
XC5	Change rotation range between 0 to 200°
XC6	Change rotation range between 0 to 110°
XC7	Reversed shaft
XC30	Fluorine grease

The above may not be selected when the product comes with an auto switch or angle adjustment unit.  
For details, refer to pages 19, 20, 24, 25, 29.