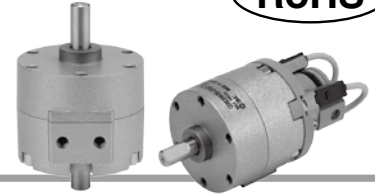


Rotary Actuator Vane Type

Series *CRB2*

Size: 10, 15, 20, 30, 40

RoHS



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)
* For applicable auto switch model, refer to the table below.

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.

* Connectors are available only for the R73, R80, T79.
** 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

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)*				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	—	Grommet	Yes	3-wire (NPN) 3-wire (PNP)	5 V, 12 V	—	S99V	S99	Oilproof heavy-duty vinyl cord	●	●	○	—	○	IC circuit	Relay, PLC
						12 V	—	S9PV	S9P	Oilproof heavy-duty vinyl cord	●	●	○	—	○	—	
						24 V	5 V, 12 V, 24 V	T99V	T99	Vinyl parallel cord	●	●	○	—	○	—	
	Reed auto switch	—	Grommet	No	2-wire	5 V, 12 V, 100 V	5 V, 12 V, 24 V, 100 V	—	90A	Oilproof heavy-duty vinyl cord	●	●	●	—	—	IC circuit	
						—	—	—	97	Vinyl parallel cord	●	●	●	—	—	—	
						—	100 V	—	93A	Oilproof heavy-duty vinyl cord	●	●	●	—	—	—	
For 20, 30, 40	Solid state auto switch	—	Grommet	Yes	3-wire (NPN) 3-wire (PNP)	5 V, 12 V	—	—	S79	Oilproof heavy-duty vinyl cord	●	●	○	—	○	IC circuit	Relay, PLC
						12 V	—	—	S7P		●	●	○	—	○	—	
						24 V	—	—	T79		●	●	○	—	○	—	
						—	100 V	—	T79C		●	●	●	●	—	—	
						—	—	—	R73		●	●	○	—	—	—	
	Reed auto switch	—	Connector	Yes	2-wire	—	—	—	R73C		●	●	●	●	—	—	
						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.