

High Power Cylinder Series *RHC*

ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100

How to Order

High Power Cylinder **RHC** **B** **20** **-** **-** **M9BW** **-** **-**

High power cylinder

Mounting style

| | |
|----------|------------------------|
| B | Basic style |
| L | Axial foot style |
| F | Rod side flange style |
| G | Head side flange style |

Bore size

| | |
|------------|-------|
| 20 | 20mm |
| 25 | 25mm |
| 32 | 32mm |
| 40 | 40mm |
| 50 | 50mm |
| 63 | 63mm |
| 80 | 80mm |
| 100 | 100mm |

Port type

| | |
|------------|-----|
| Nil | Rc |
| TN | NPT |

Auto switch

| | |
|------------|---------------------------------------|
| Nil | Without auto switch (Built-in magnet) |
|------------|---------------------------------------|

Number of auto switches

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

Cylinder stroke (mm)

* Refer to page 1202 for standard strokes.

Made to Order
Refer to page 1202 for details.

Applicable Auto Switch/Refer to pages 1719 to 1827 for further information on auto switches.

| Type | Special function | Electrical entry | Indicator light | Wiring (Output) | Load voltage | | Auto switch model | | Lead wire length (m) | | | | | Pre-wired connector | Applicable load | | | | | | | | | | | | |
|---|--|------------------|--------------------------------------|-----------------|--------------|-------------------------|---------------------------|-----------|----------------------|-------|-------|------------|--------------|---------------------|-----------------|------------|---|------------|---|---|------------|------------|---|------------|--|--|--|
| | | | | | DC | AC | Applicable bore size (mm) | | 0.5 (Nil) | 1 (M) | 3 (L) | 5 (Z) | None (N) | | | | | | | | | | | | | | |
| | | | | | | | ø20 to ø63 | ø80, ø100 | | | | | | | | | | | | | | | | | | | |
| Solid state switch | — | Grommet | Yes | 3-wire (NPN) | 5V, 12V | — | M9N | — | ● | ● | ● | ○ | — | ○ | IC circuit | Relay, PLC | | | | | | | | | | | |
| | | | | 3-wire (PNP) | | | — | G59 | ● | — | ● | ○ | — | ○ | | | | | | | | | | | | | |
| | | | | 2-wire | | | 12V | M9P | — | ● | ● | ● | ○ | — | | | ○ | | | | | | | | | | |
| | | Connector | | 2-wire | 12V | | — | K59 | ● | — | ● | ○ | — | ○ | — | | | | | | | | | | | | |
| | | | | 3-wire (NPN) | 24V | | 5V, 12V | H7C | — | ● | — | ● | ● | ● | | | — | IC circuit | | | | | | | | | |
| | | | | 3-wire (PNP) | | | | M9NW | — | ● | ● | ● | ○ | — | | | ○ | | | | | | | | | | |
| | Diagnostic indication (2-color indication) | Grommet | 3-wire (PNP) | 5V, 12V | | — | | G59W | ● | — | ● | ○ | — | ○ | IC circuit | | | | | | | | | | | | |
| | | | 2-wire | | 12V | M9PW | — | ● | ● | ● | ○ | — | ○ | | | | | | | | | | | | | | |
| | | | 4-wire (NPN) | | 5V, 12V | — | G5PW | — | ● | ● | ○ | — | ○ | — | | | | | | | | | | | | | |
| | | | Water resistant (2-color indication) | Grommet | 2-wire | 12V | M9BW | — | ● | ● | ● | ○ | — | | ○ | — | | | | | | | | | | | |
| | | | | | 3-wire (PNP) | 5V, 12V | — | K59W | ● | — | ● | ○ | — | | ○ | | | | | | | | | | | | |
| | | | | | 4-wire (NPN) | 5V, 12V | H7BA | G5BA | — | — | ● | ○ | — | ○ | | | | | | | | | | | | | |
| With diagnostic output (2-color indication) | Grommet | 4-wire (NPN) | 5V, 12V | H7NF | G59F | ● | — | ● | ○ | — | ○ | IC circuit | | | | | | | | | | | | | | | |
| | | Reed switch | — | Grommet | Yes | 3-wire (NPN equivalent) | — | 5V | — | A96 | — | ● | — | ● | — | — | — | IC circuit | — | | | | | | | | |
| | | | | | | | | | | No | 24V | 12V | 100V | A93 | — | ● | — | ● | | — | — | — | — | | | | |
| 100 V or less | A90 | | | | | | | | | | | | — | ● | — | ● | — | — | | — | — | IC circuit | | | | | |
| 100V, 200V | B54 | | | | | | | | | | | | ● | — | ● | ● | — | — | | — | Relay, PLC | | | | | | |
| 200 V or less | B64 | | | | | | | | | | | | ● | — | ● | — | — | — | | | | | | | | | |
| Connector | No | | | | | | | | | | | | — | C73C | — | ● | — | ● | | | | ● | — | IC circuit | | | |
| | No | | | | | | | | | | | | 24 V or less | C80C | — | ● | — | ● | | ● | — | | | | | | |
| Terminal conduit | No | | | | | | | | | | | | — | A33 | | — | — | — | | — | ● | — | — | PLC | | | |
| | Yes | | | | | | | | | | | | 100V, 200V | A34 | | — | — | — | | — | ● | — | | | | | |
| DIN terminal | Yes | | | | | | | | | | | | — | A44 | | — | — | — | | — | ● | — | — | Relay, PLC | | | |
| | No | | | | — | B59W | | ● | — | | | | ● | — | — | — | | | | | | | | | | | |

* Lead wire length symbols: 0.5 m Nil (Example) M9NW
1 m M (Example) M9NWM
3 m L (Example) M9NWL
5 m Z (Example) M9NWZ
None N (Example) H7CN

* Solid state auto switches marked with "○" are produced upon receipt of order.
* D-A9□V/M9□V/M9□WV/D-M9□A(V)L types cannot be mounted.
* Do not indicate suffix "N" for no lead wire on D-A3□/A44/G39/K39 models.

* Since there are other applicable auto switches than listed, refer to page 1214 for details.

* For details about auto switches with pre-wired connector, refer to pages 1784 and 1785.

* D-A9□/M9□/M9□W auto switches are shipped together (not assembled). (Only auto switch mounting brackets are assembled before shipped.)

REA

REB

REC

C□Y

C□X

MQ

RHC

RZQ

D-□

-X□

Individual
-X□