

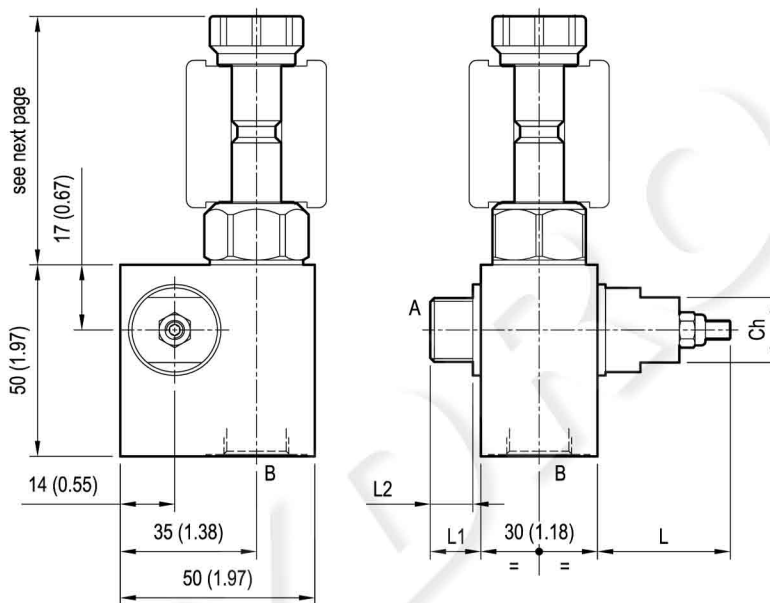
Part number:

# Standard integrated circuits for single acting cylinder

VEI-VCDCBL-8A-06

OL.17 - K - 18 - Y - Z - W

## Dimensions



[ mm (inches) ]

|             |             |           |           |  |  |            |                              |
|-------------|-------------|-----------|-----------|--|--|------------|------------------------------|
| 30.2 (1.19) | 12.5 (0.49) | 11 (0.43) | 14 (0.55) |  |  | G 1/4      | 30 (22)                      |
| 33.6 (1.32) | 12.5 (0.49) | 12 (0.47) | 17 (0.67) |  |  | G 3/8      | 60 (44)                      |
| L           | L1          | L2        | Ch        |  |  | Ports Size | Tightening Torque Nm (ft-lb) |

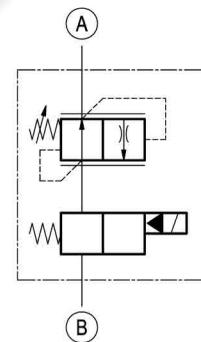
## Technical data

Max flow: up to 40 l/min (11 gpm)

Max operating pressure: 210 bar (3000 psi)

Standard manifolds in high strength **aluminium**.

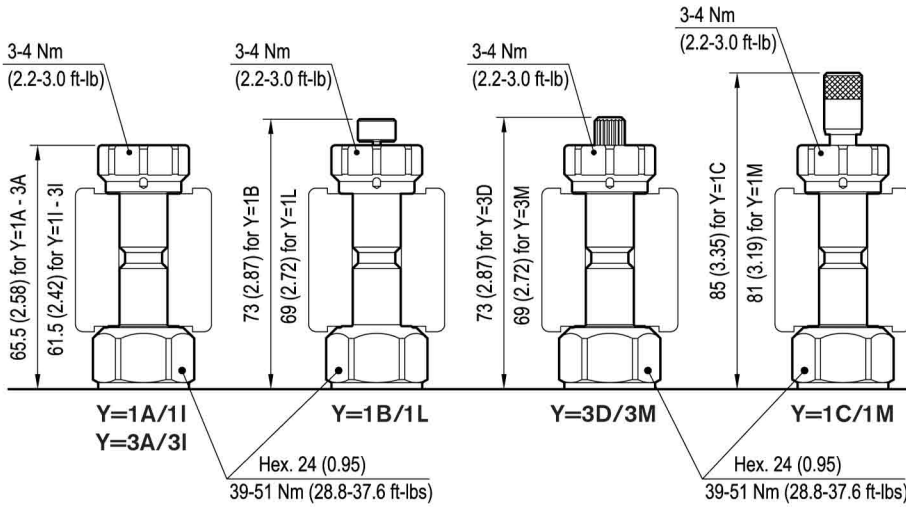
For working pressure up to 350 bar (5000 psi) and for fatigue applications with any working pressure, steel manifolds are available upon request.



## Cartridge schemes

| monodirectional type | bidirectional type |
|----------------------|--------------------|
|                      |                    |
|                      |                    |
|                      |                    |
|                      |                    |

### Cartridge style

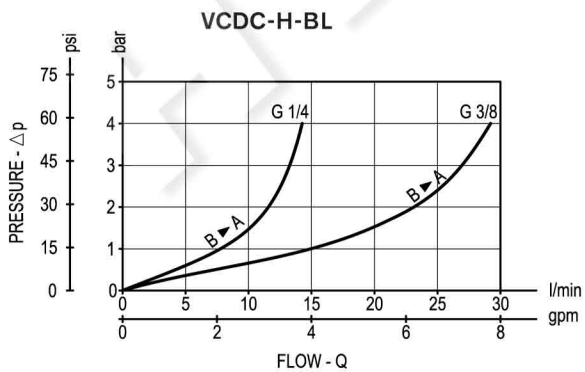
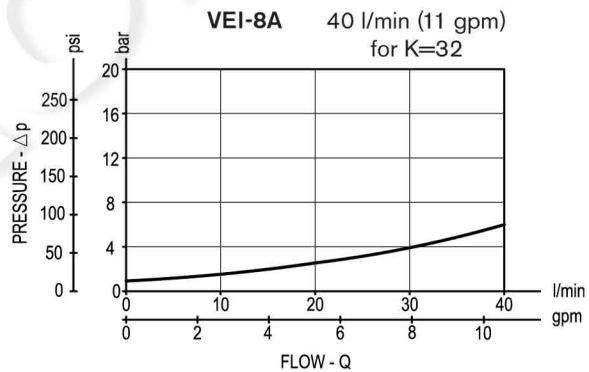
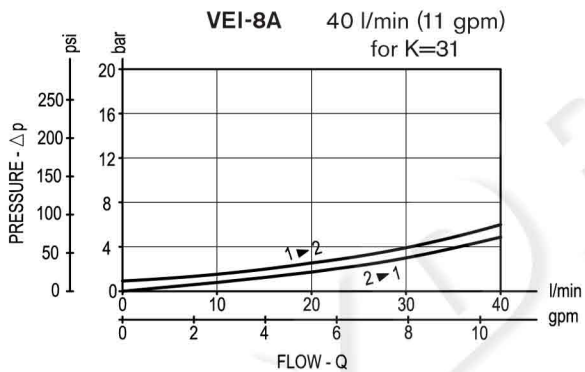
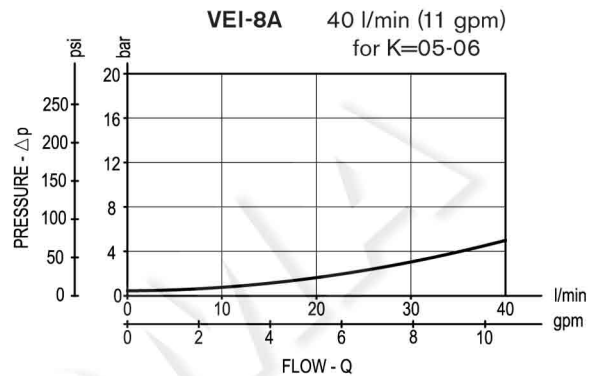
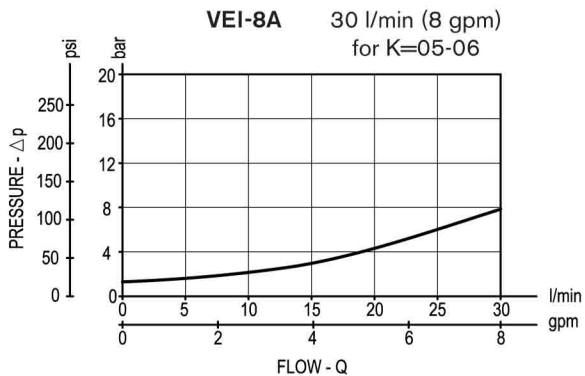


[ mm (inches) ]

| CARTRIDGE TECHNICAL DATA   |
|--|
| Common cavity: <b>CA-08A-2N</b>  |
| Filtration: 25 µm nominal or better  |
| Minimum voltage required: 90% of nominal value                                     |
| Coil : S8-356<br><b>must be ordered separately</b><br>(see data sheet RE 18325-90) |
| Mounting position: unrestricted  |
| For other details see cartridge data sheet   |

| OL17           | - K -    |        | 18        | - Y -            |                   | - Z -     |           | CARTRIDGE SCHEME | - W - | REGULATED FLOW RANGE A > B l/min (gpm/min) |                     |                   |
|----------------|----------|--------|-----------|------------------|-------------------|-----------|-----------|------------------|-------|--|---------------------|-------------------|
|                | monodir. | bidir. |           | Rated Flow       | Ports size A-B    | bidir.    | G 1/4     |                  |       | G 3/8                                      |                     |                   |
|                |          |        |           | 30 l/min (8 gpm) | 40 l/min (11 gpm) | G 1/4     | G 3/8     |                  |       |  |                     |                   |
| CARTRIDGE CODE | OD15     |        | <b>05</b> | 18               | <b>3I</b>         | <b>3A</b> | <b>09</b> | <b>02</b>        |       | <b>02</b>                                  | 1-1.6 (0.26-0.42)   | /                 |
|                | OD15     |        | <b>05</b> | 18               | <b>3M</b>         | <b>3D</b> | <b>09</b> | <b>02</b>        |       | <b>03</b>                                  | 1.6-2.5 (0.42-0.66) | 2-10 (0.53-2-64)  |
|                | OD15     |        | <b>06</b> | 18               | <b>1I</b>         | <b>1A</b> | <b>09</b> | <b>02</b>        |       | <b>04</b>                                  | 2.5-4 (0.66-1.06)   | 10-16 (2.64-4.23) |
|                | OD15     |        | <b>06</b> | 18               | <b>1L</b>         | <b>1B</b> | <b>09</b> | <b>02</b>        |       | <b>05</b>                                  | 4-6.3 (1.06-1.67)   | 16-25 (4.23-6.61) |
|                | OD15     |        | <b>06</b> | 18               | <b>1M</b>         | <b>1C</b> | <b>09</b> | <b>02</b>        |       | <b>06</b>                                  | 6.3-10 (1.67-2.64)  | /                 |
|                | OD15     |        | <b>31</b> | 18               |                   | <b>3A</b> | <b>09</b> | <b>02</b>        |       |  |                     |                   |
|                | OD15     |        | <b>31</b> | 18               |                   | <b>3D</b> | <b>09</b> | <b>02</b>        |       |  |                     |                   |
|                | OD15     |        | <b>32</b> | 18               |                   | <b>1A</b> | <b>09</b> | <b>02</b>        |       |  |                     |                   |
|                | OD15     |        | <b>32</b> | 18               |                   | <b>1B</b> | <b>09</b> | <b>02</b>        |       |  |                     |                   |
|                | OD15     |        | <b>32</b> | 18               |                   | <b>1C</b> | <b>09</b> | <b>02</b>        |       |  |                     |                   |

## Performance graphs



Ordering code

|       |   |    |   |   |   |
|-------|---|----|---|---|---|
| OL.17 | K | 18 | Y | Z | W |
|-------|---|----|---|---|---|

Standard integrated circuits for single acting cylinder

Cartridge scheme (see page 1 and 2)

- = 05
- = 06          Bidirectional
- = 31
- = 32

Solenoid valve  
common cavity Size 08

Regulated flow range  
(see table on page 2)

Port sizes (see table on page 2)

- = 09          G 1/4
- = 02          G 3/8

Rated flow (see table on page 2)

Preferred types (readily available)

| Type           | Material number |
|----------------|-----------------|
| OL1731183D0204 | R934003391      |
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| Type | Material number |
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