

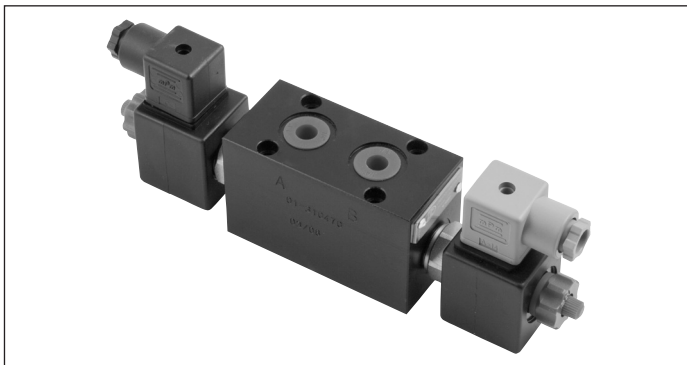
Flangeable elements with 2/2 solenoid cartridges valves

EDM-VEI

RE 18301-44

Edition: 02.2016

Replaces: 07.2012



Technical data

General

| | | |
|---|----------|--------------------------------------|
| Weight of manifold only, without solenoid cartridge | kg (lbs) | 0.60 (1.32) |
| Weight with one solenoid cartridge | kg (lbs) | 0.95 (2.10) |
| Weight with two solenoid cartridges | kg (lbs) | 1.22 (2.68) |
| Ambient Temperature | °C (°F) | -20...+50 (-4...+122) (NBR seals) |

Hydraulic

| | | |
|---|--------------------|---|
| Maximum pressure | bar (psi) | 250 (3625) |
| Maximum flow | l/min (gpm) | 40 (10.5) |
| Hydraulic fluid | | Mineral oil based hydraulic fluids HL (DIN 51524 part 1). Mineral oil based hydraulic fluids HLP (DIN 51524 part 2). For use of environmentally acceptable fluids (vegetable or polyglycol base) please consult us. |
| General properties: it must have physical lubricating and chemical properties suitable for use in hydraulic systems such as, for example: | | |
| Fluid Temperature | °C (°F) | -20...+80 (-4...+176) (NBR) |
| Permissible degree of fluid contamination | | ISO 4572: $\beta_x \geq 75$ X=10...12 ISO 4406: class 19/17/14 NAS 1638: class 8 |
| Viscosity range | mm ² /s | 5...420 |

Note

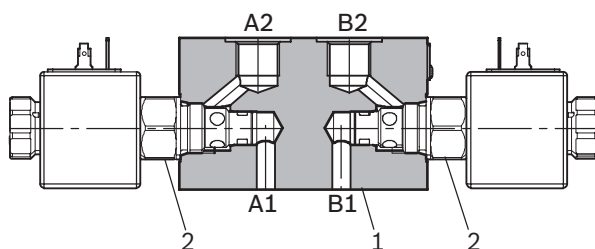
For applications with different specifications consult us

Description

The secondary flangeable elements EDM-VEI__ can be interfaced and bolted on top of the A and B ports of the ED elements of the Directional Valve Assembly.

They incorporate one or two solenoid operated cartridges (VEI), and they can create a variety of hydraulic circuits, depending on the cartridges fitted.

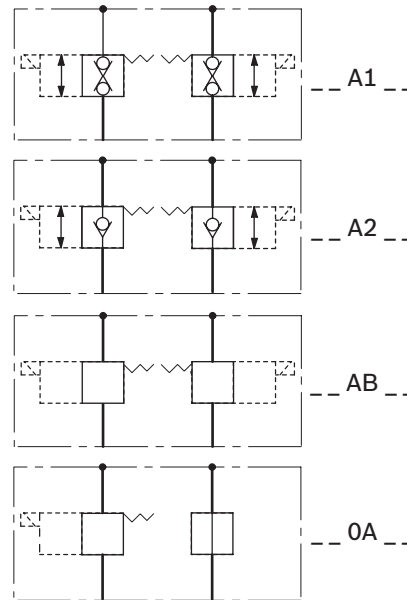
The body of the EDM-VEI elements is made of Black Anodized Aluminium. Hydraulic Ports A2 and B2 are size G 3/8.



Ordering details

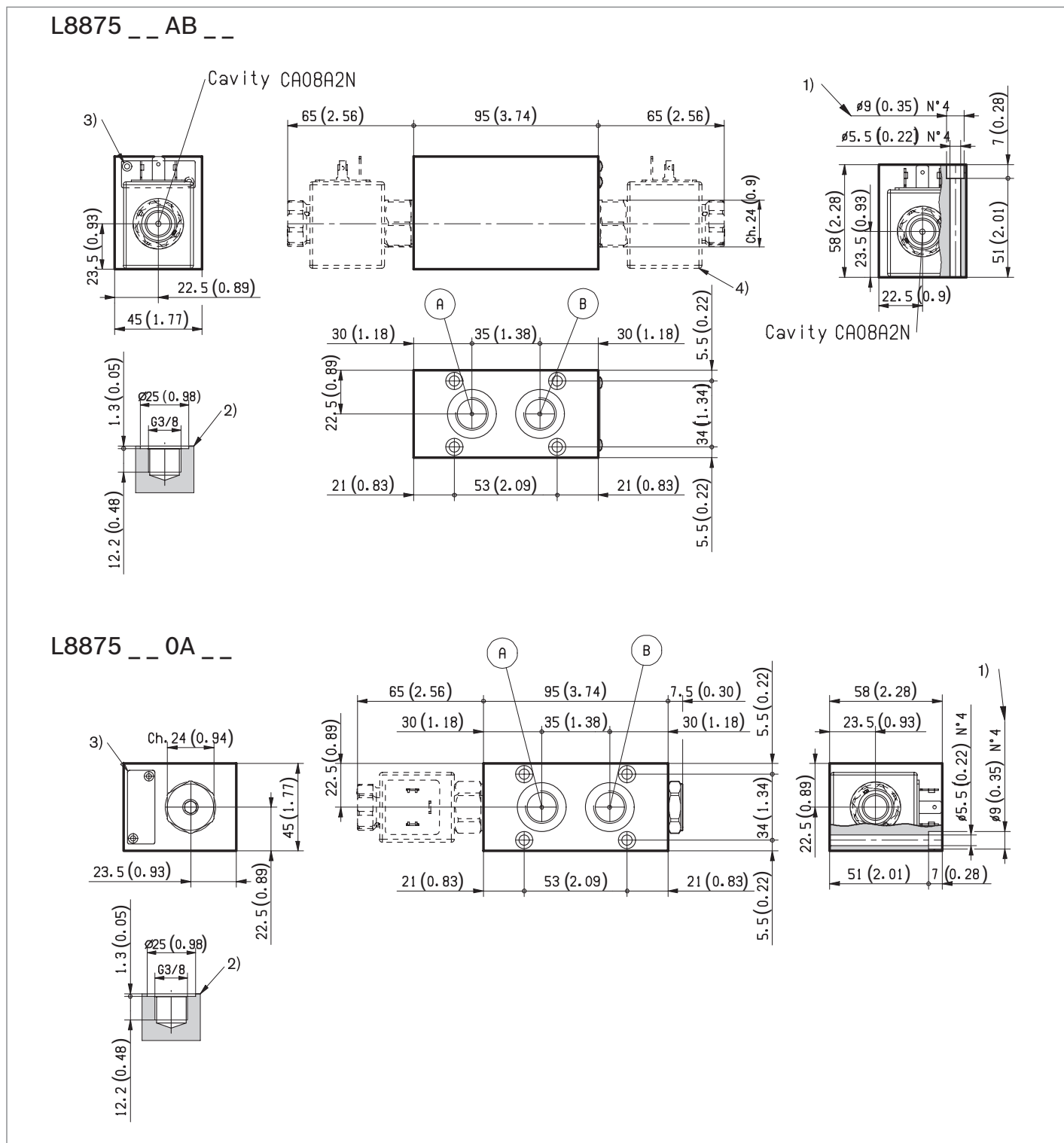
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 |
|-------------------------------------|---|-----------|----|----|----|----|------------------------|
| L | 88 | 75 | | | | | 0 |
| Family | | | | | | | |
| 01 | Directional Valve elements ED | | | | | | L |
| Model | | | | | | | |
| 02 | Flangeable element secondary valves | | | | | | 88 |
| Type | | | | | | | |
| 03 | In-line 2/2 solenoid cartridges valves | | | | | | 75 |
| Cartridge model¹⁾ | | | | | | | |
| 04 | Bidirectional type double lock ²⁾ | | | | | | A1 |
| | Bidirectional type single lock ³⁾ | | | | | | A2 |
| Configuration | | | | | | | |
| 05 | Solenoid cartridges for both A and B ports | | | | | | AB |
| | Solenoid cartridge for port A only | | | | | | 0A |
| Supply Voltage | | | | | | | |
| 06 | 12V DC | | | | | | OB |
| | 14V DC | | | | | | OG |
| | 24V DC | | | | | | OC |
| | 26V DC | | | | | | AC |
| Electric Connector | | | | | | | |
| 07 | With coils, without mating connector DIN EN 175301-803 | | | | | | 01⁴⁾ |
| | With coils, with bi-directional diode, without mating connector vertical Amp-Junior | | | | | | 03 |
| | With coils, with bi-directional diode, without mating connector DT04-2P | | | | | | 07 |
| Ports⁵⁾ | | | | | | | |
| 08 | G 3/8 DIN 3852, flangeable on G 3/8 ports | | | | | | 0 |
| | 9/16-18 UNF 2-B (SAE6), flangeable on G 3/8 ports | | | | | | 1 |
| | 3/4-16 UNF 2-B (SAE8), flangeable on G 3/8 ports | | | | | | 3 |
| | 3/4-16 UNF 2-B (SAE8), flangeable on SAE8 ports | | | | | | A |

Symbols



- 1) For other versions available on request see data sheet RE 18323-25.
- 2) Ordering code: R930058334
- 3) Ordering code: R930058427
- 4) For connectors ordering code see data sheet RE 18325-90.
- 5) Modular elements can be flanged on standard G 3/8 or SAE8 valve body

External dimensions and fittings



- 1 Four through holes $\varnothing 5.5$ mm (0.217 inch) for screws and tightening torques see data sheet RE 18301-90.
- 2 A and B ports G 3/8.

- 3 Identification label.
- 4 Cavity for solenoid cartridge VEI.

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Subject to change.