

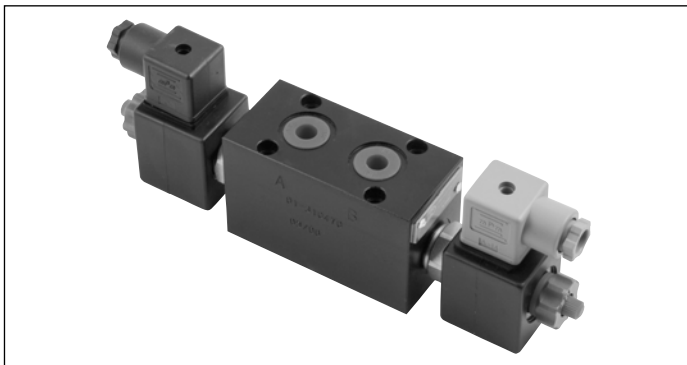
## Flangeable elements with 2/2 solenoid cartridges valves

EDM-VEI

**RE 18301-44**

Edition: 02.2016

Replaces: 07.2012

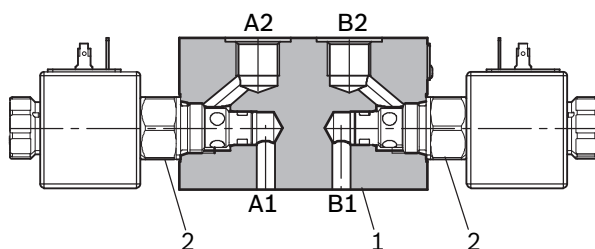


### Description

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.



### 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).	
General properties: it must have physical lubricating and chemical properties suitable for use in hydraulic systems such as, for example:	Mineral oil based hydraulic fluids HLP (DIN 51524 part 2). For use of environmentally acceptable fluids (vegetable or polyglycol base) please consult us.	
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 <sup>2</sup> /s	5....420

#### Note

For applications with different specifications consult us

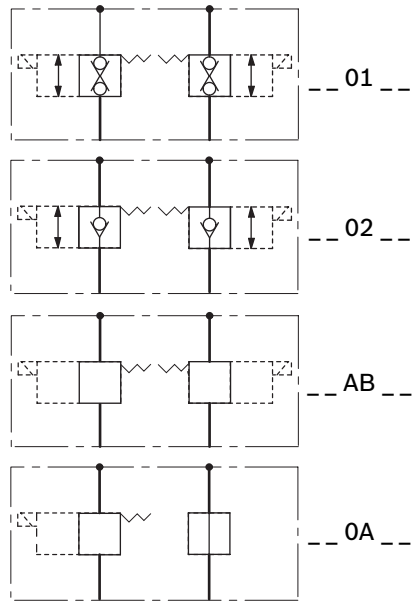
Ordering details

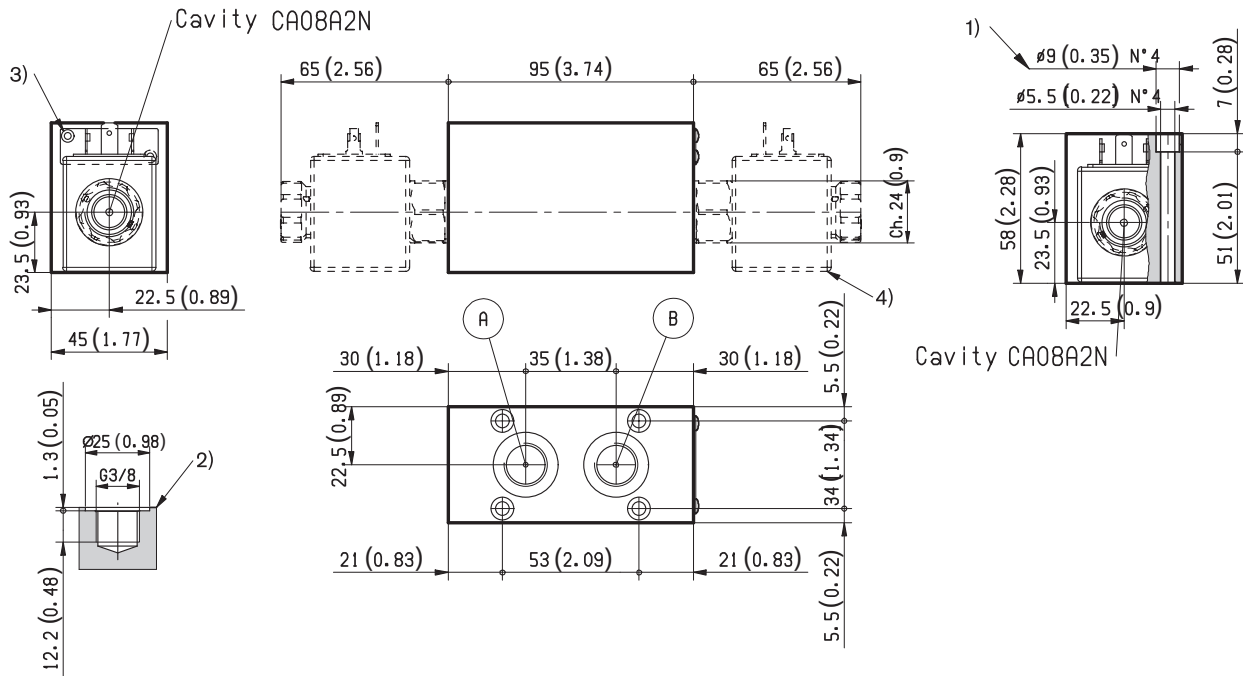
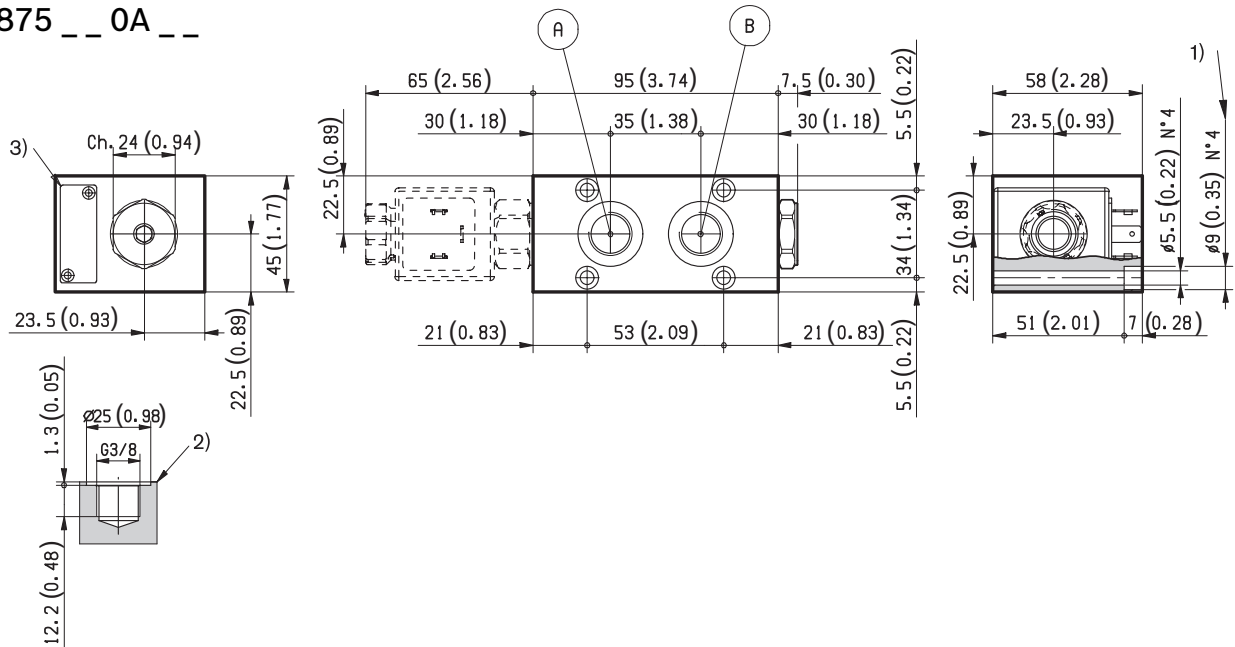
01	02	03	04	05	06	07	08	
L	88	75					0	0
Family								
01	Directional Valve elements ED						L	
Model								
02	Flangeable element secondary valves						88	
Type								
03	In-line 2/2 solenoid cartridges valves						75	
Cartridge model <sup>1)</sup>								
04	VEI-8I-2T-06-NC						01	
	VEI-8I-2A-06-NC						02	
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						01 <sup>2)</sup>	
	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	
Ports								
08	G 3/8 DIN 3852						0	

1) Other versions on request.

2) For connectors ordering code see data sheet RE 18325-90.

Symbols



**External dimensions and fittings****L8875 \_\_ AB \_\_****L8875 \_\_ 0A \_\_**

- 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.