

TWO-WAY, SOLENOID OPERATED, PILOTED POPPET, CARTRIDGE VALVE

Characteristics

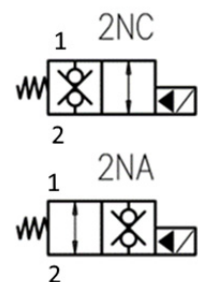
TYPE	MAX FLOW	WORKING PRESSURE	WEIGHT (VASL) (Without coil)	WEIGHT (VASC) (Without coil)	Locking torque
VAS-**- 16	240 lt./min.	Max. 350 Bar	Kg. 3.09	Kg. 0.51	Nm 200-215

Description

Two-way, solenoid operated, piloted poppet, cartridge valves, NA (normally open) and NC (normally closed) version, with double check.

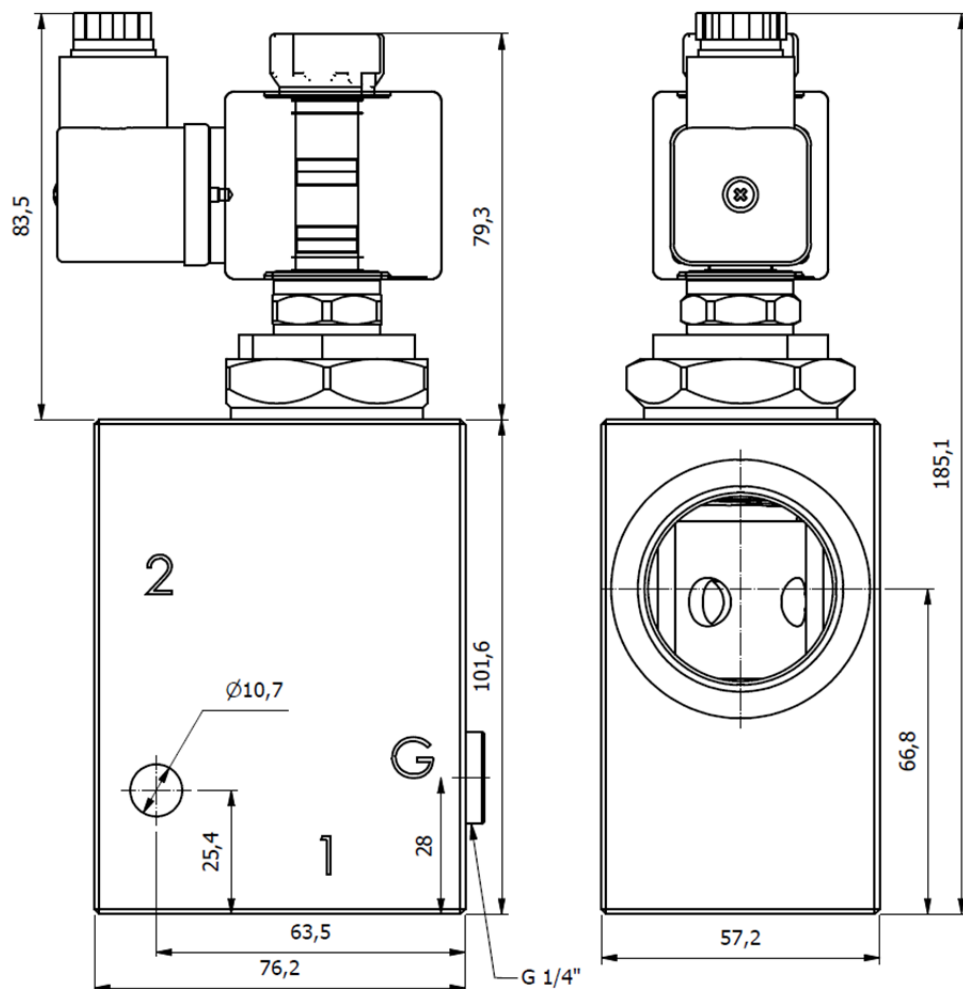
They can be supplied with in-line body or as a cartridge (Cavity 16A-2) to be used mounted on integrated manifolds.

Symbol



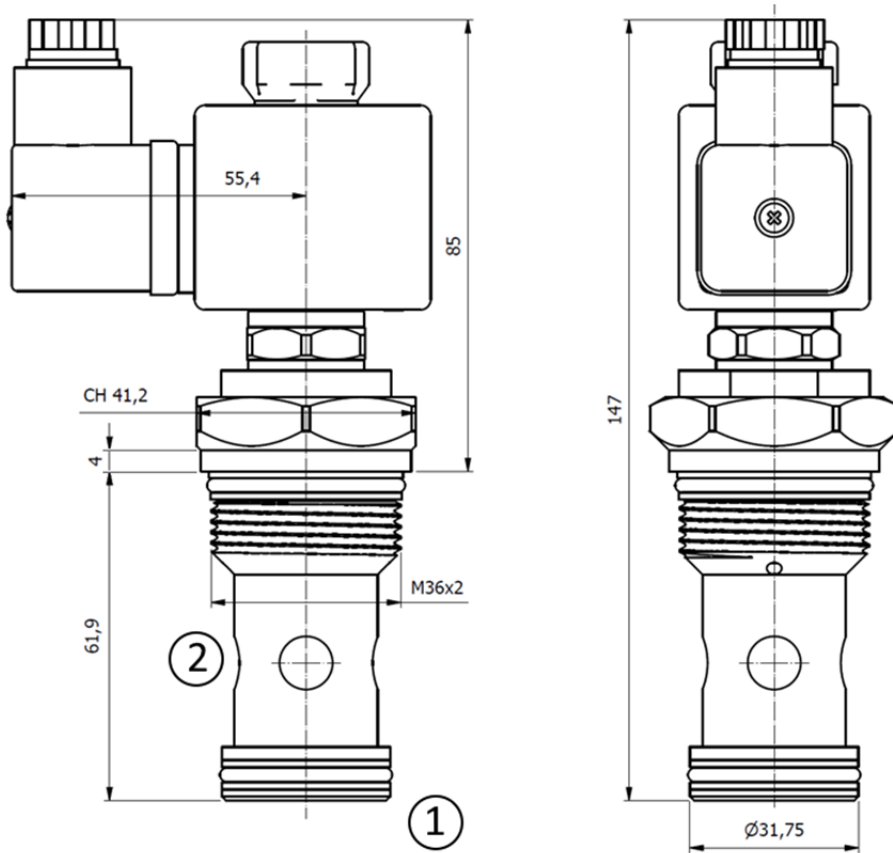
Dimensions

VASL

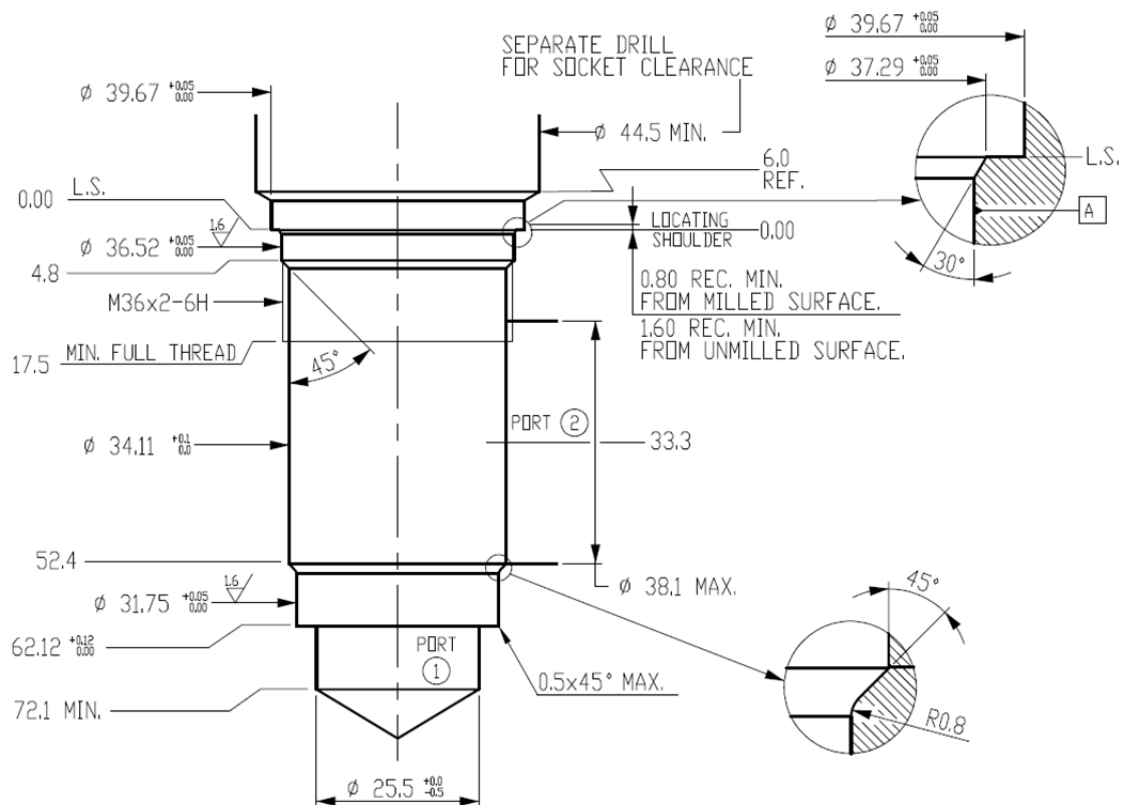


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VASC



Cavity 16A-2



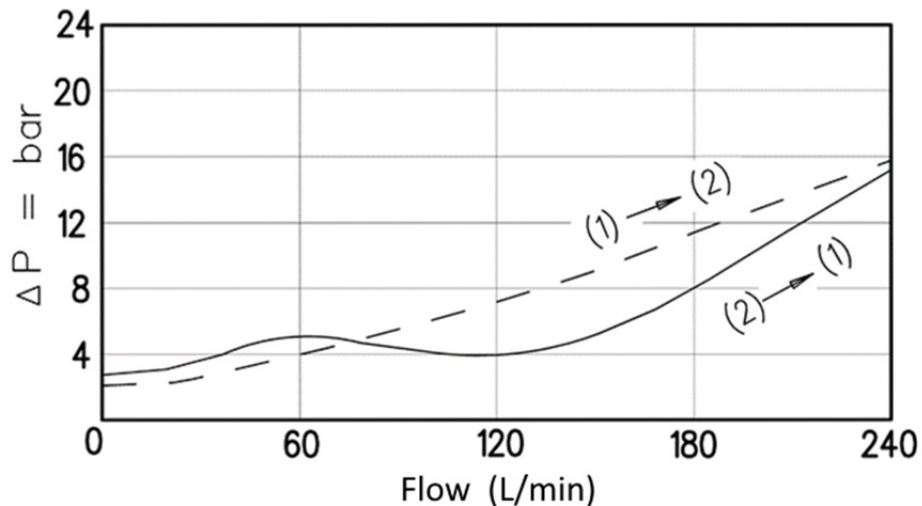
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Installation rules

- The valves VAS can be mounted in any direction
- Fluid to be used: hydraulic oil according to DIN 51524 with viscosity between 30 and 100 mm²/s (cSt) at 40°C
- Requested filtration degree: 25μ
- Hydraulic fluid temperature: from -20°C to +75°C

Diagramm

2NA – 2NC



Testing conditions :

- Fluid viscosity : VG46
- Fluid filtration : ISO 4406 15/13/11
- Fluid temperature: 40° C

Coils :

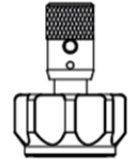
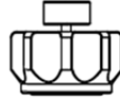
Electric characteristics

Code	Tension (V)	Current (A)		Protection Class	Power supply voltage variation	Ambient Temperature	Connection	Weight
		De-energized coil	Energized coil	winding insulation				
CVAS24R	24V RAC	0,95	0,63	Class H	+10% -10% Vnom	- 20 +50 °C	DIN-43650 ISO - 4400	0,22 Kg
CVAS110R	110V RAC	0,19	0,14					
CVAS220R	220V RAC	0,09	0,07					
CVAS10DC	10VDC	1,98	1,28					
CVAS12DC	12VDC	1,66	1,06					
CVAS14DC	14VDC	1,48	0,96					
CVAS20DC	20VDC	0,99	0,65					
CVAS24DC	24VDC	0,88	0,53					
CVAS26DC	26VDC	0,77	0,52					
CVAS28DC	28VDC	0,71	0,5					
CVAS36DC	36VDC	0,56	0,36					
CVAS48DC	48VDC	0,45	0,28					

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Ordering code

V	A	S	*	-	*	*	*	-	*	*	*	-	*	*	*	*	*	/	*
Two-way, solenoid operated, piloted poppet																			
C = cartridge type																			
L = in-line body																			
Type :																			
2NA = Normally open with double check																			
2NC = Normally closed with double check																			
Ports (VASL) / Size (VASC)																			
VASL			VASC																
114 = G 1"1/4 (A-B)			16 = 16A-2																
Tension :																			
24R = 24V RAC			20DC = 20VDC																
110R = 110V RAC			24DC = 24VDC																
220R = 220V RAC			26DC = 26VDC																
10DC = 10VDC			28DC = 28VDC																
12DC = 12VDC			36DC = 36VDC																
14DC = 14VDC			48DC = 48VDC																
Device for switching control:																			
omit if = no manual override (standard)																			
P = Push manual override (2NA and 2NC)																			
T = Push and twist manual override (2NA and 2NC)																			
Seals:																			
omit if = NBR (standard)																			
F = FKM (temp. - 20 °C + 80° C)																			

(STD)		T	
P			

Ordering example :

- VASC-2NA-16-24DC
- VASL-2NC-114-110R