



SCREW IN, 2-WAY SOLENOID OPERATED POPPET VALVES NORMALLY CLOSED,
CAVITY 3/4" 16 UNF Ø 15,87 mm ONE DIRECTIONAL FLOW

EVSC-34/2-02 32 l/min 25 MPa (250 bar)

1 DESCRIPTION

The valve is 2 way NC poppet type and full optional. It is complete with filter, manual override screw type, protection cover for the manual override. With his design, it is possible to use the valve with standard coils suitable for AC and DC current without the need of special connectors with integrated rectifiers. This valve has a special design with a 3/4" 16 UNF thread but with a 15,87 mm nose thus permits a lower pressure drop. A special dual seal ring on the nose permits an efficient and reliable sealing system.



2 ORDERING CODE

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
EVSC	-	34	/	2	-	02	-

(1) EVSC : screw in directional solenoid valve, valve with Ø 13 mm solenoid core (see 4), 2 way, 2 position, poppet type, normally closed, one direction flow

(2) 34 : cavity 3/4" 16 UNF

(3) 2 : with Ø 15,87 mm (see 4)

(4) 02 : filter and manual override

(5) Electric voltage and solenoid coil (see 3, see 7)

- 0000: no coil
- 012C: coil for V 12 DC
- 024C: coil for V 12 DC
- 220R: coil for V 220-230 RAC
- 230/50: coil for V 230/50 AC

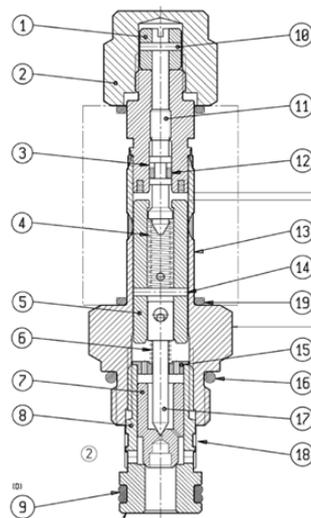
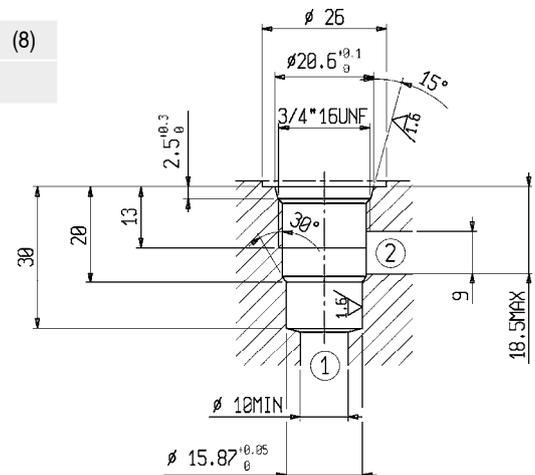
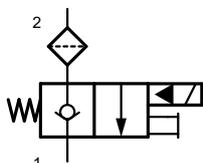
(6) Options for coils connections

- no designation: standard connection ISO 4400 / DIN 43650/A
- C: flying leads
- A: AMP Junior

(7) Options for ISO 4400 / DIN 43650/A connectors

- B9: standard connector, black PG9
- D9: black connector, with diode, PG9
- ES: "energy saving" connector with LED
- R*: rectifier bridge
- L*: LED
- V*: LED + varistor

(8) Protective cap on manual override: P



The poppet 7 is pilot operated and it is kept normally closed against its seat 8. When the solenoid is energized, the mobile armature 5 and the pilot pin 17 are shifted and the poppet, unbalanced by pressure, opens permitting flow from 2 to 1.

The manual override 1 is of screw type and permits the valve operation in case of electric failure. The filter 18 (0,25 mm) on way prevents from dirt and better diffuses the flow around the poppet.

