

SCREW IN, 2-WAY DIRECT OPERATED POPPET VALVES, BI-DIRECTIONAL CONTROL
CAVITY 3/4" 16 UNF Ø 12,7 mm
EVD*-34-*
16 l/min 25 MPa (250 bar)

1 DESCRIPTION

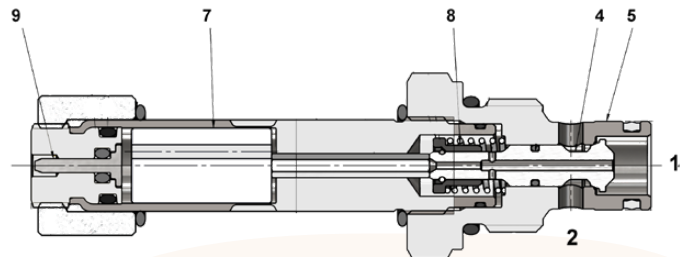
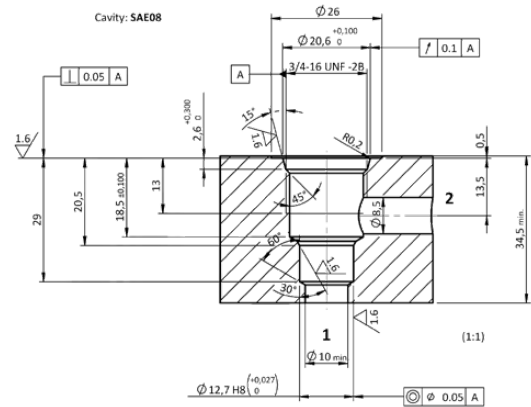
The valve is 2 way poppet type direct operated. It is available in normally open and normally close configuration. It is possible to use the valve with standard coils suitable DC or RAC (rectified alternate current) for AC supply. A special dual seal ring on the nose permits an efficient and reliable sealing system.



2 ORDERING CODE

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----|-----|-----|------|-----|-----|-----|-----|
| EV | D | * | - 34 | - | - | - | - |

- (1) EV : screw-in directional solenoid valve
- (2) D : valve with Ø 13 mm solenoid core(see 4), 2 way, 2 position, poppet type, bi-directional control
- (3) valve configuration:
no designation: normally closed valve
O : normally open valve
- (4) 34 : cavity 3/4 " 16 UNF with Ø 12,7 mm - see A, 6
- (5) valves variants (see 8)
02 : filter and manual override
03 : standard without manual override
04 : manual override
- (6) Electric voltage and solenoid coils (see 3, see 7)
0000 : no coil
012C : coil for V12DC
024C : coil for V24DC
220R : coil for V220-230 RAC
- (7) Options for coil connection
no designation : standard connection ISO4400/DIN 43650/A
FL : flying leads;
A : AMP Junior
- (8) Options for ISO4400/DIN 43650/A connectors (see 6)
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



The poppet 4 is balanced by pressure and it is kept normally closed against its seat 5 by spring 8. When the solenoid is energized, the mobile armature 7 moves against spring 8 the poppet 4, thus permitting flow between 2 and 1. The manual override is of the pin type and, when pushed, it permits the valve's operation in case of electric failure .

