## Solenoid Valves

## SVD0.S08 Valve Series

SAE Cartridge - 250 bar NC Double Lock Direct Acting Poppet Type



## Description

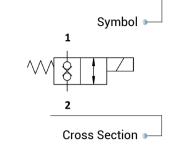
Solenoid operated, 2-way 2-positions, normally closed, direct acting poppet type, bi-directional blocking, screwin cartridge valve. Special design for low leakage in load holding applications. When the coil is de-energized, the SVD0.S08 blocks flow in both directions. Once the coil is energized, the valve's poppet opens and allows free flow from 1 to 2 and from 2 to 1. The rigid design using a 1-piece body contributes to minimize the effect of eccentricities in cavity and provides great reliability. Low pressure drop thanks to optimized flow path

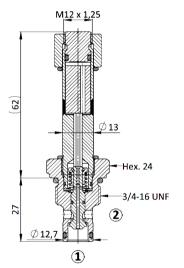
## Technical Features

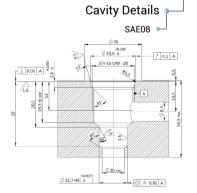
All external surfaces are zinc plated and corrosion-proof. All valve parts are made of high strength steel. Poppet is hardened and ground to ensure minimal wear and extended service life.

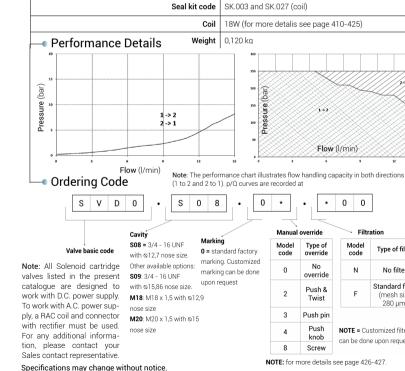
Coil seals protect the solenoid system.

Manual override options. Industry SAE common cavity.









Technical Data

Maximum operating pressure 250 bar

Maximum internal leakage

O-ring Temperature Range

Oil Temperature Range

Minimum pull-in voltage

External component treatment

Maximum flow

Switch ON Time Switch OFF Time

Fluids

Filtration

Orientation

Installation torque

Oil testing condition

Technical Specifications for characterization

15 l/min

Zn/Ni (720h)

-30° C to 110° C

7.4 to 420 cSt

85% of nominal

No restrictions

see page 480 ISO VG 46 cSt

40 - 45 Nm (Hex. 24)

0,25 cm3 / min @250 bar

Zn/Fe - standard (96h)

-30° C to 110° C (standard sealing NBR - BUNA-N)

20/18/15 ISO 4406 (maximum filtration admitted)

Mineral - based or synthetics with lubricating properties

Flow (I/min)

\* 0 0

Type of filter

No filter

Standard filter

(mesh size

280 µm)

NOTE = Customized filters

can be done upon request

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