

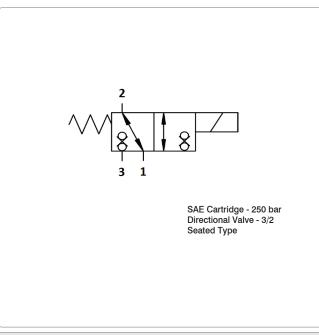
WINMAN WVI0.S10 Serisi Solenoid Valfler / WVI0.S10 Series Solenoid Valves



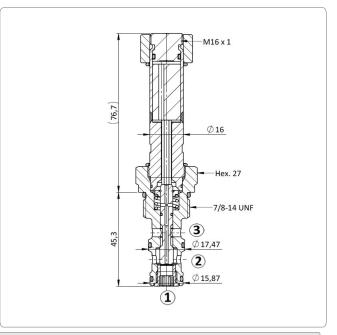
Açıklama / Description

A Solenoid operated, 3 way 2 positions, seated type, direct acting, bi-directional blocking, screw-in hydraulic directional cartridge valve. In the de-energized mode, the WVI0.S10 allows flow bi-directionally between ports 1 and 2, while blocking flow at 3. In the energized mode, bi-directional flow is allowed between ports 3 and 2, while flow is blocked at 1 with extremely low leakage. Even if port 1 and 3 may be fully pressurized they are not intended to be used as the inlet. 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.

Sembol / Symbol



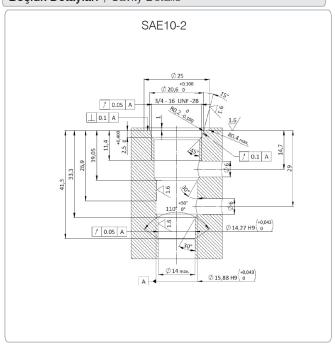
Enine Kesit / Cross Section



Teknik Özellikler / Technical Features

All external surfaces are zinc plated and corrosion-proof. All valve parts are made of high strength steel. Poppet is hardened and micron finished to ensure minimal wear and extended service life. Coil seals protect the solenoid system. Manual override option. Industry SAE common cavity.

Boşluk Detayları / Cavity Details



1



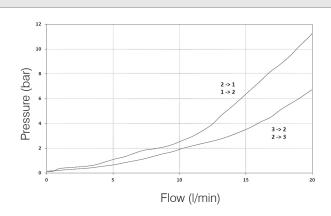
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Teknik Veri / Technical Data

Maximum operating pressure	250 bar
Maximum flow	20 l/min
Maximum internal leakage	0,25 cm ³ /min @ 250 bar
External component treatment	Zn/Fe - standard (96h) Zn/Ni (720h)
O-ring Temperature Range	-30° C to 110° C (standard sealing NBR - BUNA-N)
Oil Temperature Range	-30° C to 110° C
Fluids	Mineral - based or synthetics with lubricating properties
Viscosities	7,4 to 420 cSt
Minimum pull-in voltage	85% of nominal
Filtration	20/18/15 ISO 4406 (maximum filtration admitted)
Orientation	No restrictions
Installation torque	35 -40 Nm (Hex. 27)
Technical specifications for characterization	See page X
Oil testing condition	ISO VG 46 cSt
Seal kit code	SK.076 and SK.070 (coil)
Coil	26W (for more detalis see page X)
Weight	0,231 kg

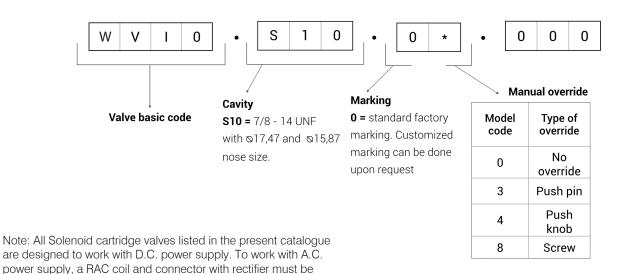
Performans Detayları / Performance Details

Note: The performance chart illustrates flow handling capacity 2 to 3 and 3 to 2 (de-energized) 2 to 1 and 1 to 2 (energized). p/Q curves are recorded at TOil = 40°C and 46 cSt.



Sipariş Kodu / Ordering Code

contact representative.



used. For any additional information, please contact your Sales