

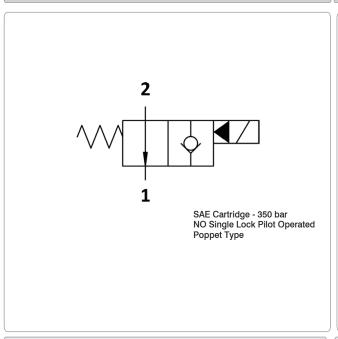
WINMAN WVJ0.S10 Serisi Solenoid Valfler / WVJ0.S10 Series Solenoid Valves



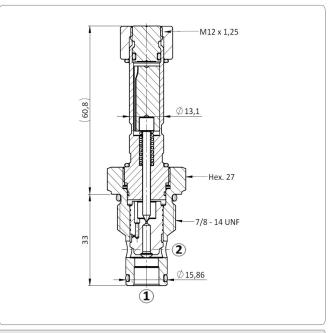
Açıklama / Description

Solenoid operated, 2-way 2-positions, normally open, piloted poppet type, screw-in cartridge valve. Typically used as a blocking or load holding device for high pressure circuits. When the coil is de-energized, the WVJO. S10 allows flow from 2 to 1, while flow from 1 to 2 is severely restricted. When the coil is energized the valve closes, blocking flow from 2 to 1. In this mode, flow from 1 to 2 is allowed once the pressure overcomes the force of the solenoid. 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



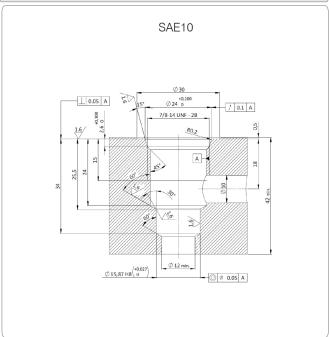
Enine Kesit / Cross Section



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 ground 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



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Teknik Veri / Technical Data

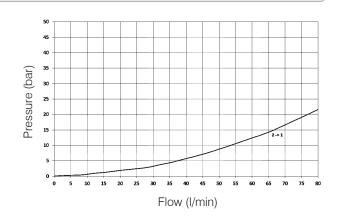
| Maximum operating pressure | 350 bar |
|---|---|
| Maximum flow | 80 l/min |
| Maximum internal leakage | 0,25 cm³ /min @ 350 bar |
| External component treatment | Zn/Fe - standard (96h) Zn/Ni (720h) |
| Switch ON Time | 20 ms |
| Switch OFF Time | 30 ms |
| O-ring Temperature Range | -30° C to 110° 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 | 65 -75 Nm (Hex. 27) |
| Technical specifications for characterization | See page X |
| Oil testing condition | ISO VG 46 cSt |
| Seal kit code | SK.032 and SK.027 (coil) |
| Coil | 22W (for more detalis see page X) |
| Weight | 0,164 kg |

Performans Detayları / Performance Details

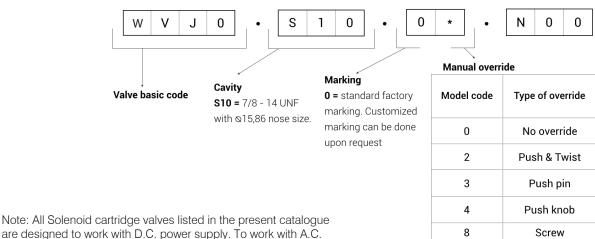
Note: The performance chart illustrates flow handling capacity 2 to 1 (de-energized). p/Q curves

are recorded at

TOil = 40° C and 46 cSt.



Sipariş Kodu / Ordering Code



Note: All Solenoid cartridge valves listed in the present catalogue are designed to work with D.C. power supply. To work with A.C. power supply, a RAC coil and connector with rectifier must be used. For any additional information, please contact your Sales contact representative.