



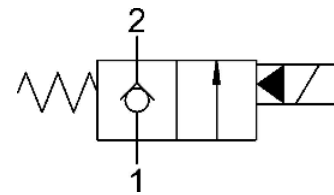
## WE.G0.S08 Valve Series

**SAE Cartridge – 350 Bar**

**NC Single Lock Pilot Operated – Poppet Type**

### Description & Operation

Solenoid operated, 2-way 2-positions, normally closed, 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 WE.G0.S08 acts as check valve allowing free flow from 1 to 2, while blocking from 2 to 1. When the coil is energized the poppet lifts and opens both the 2 to 1 and 1 to 2 flow paths. 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.

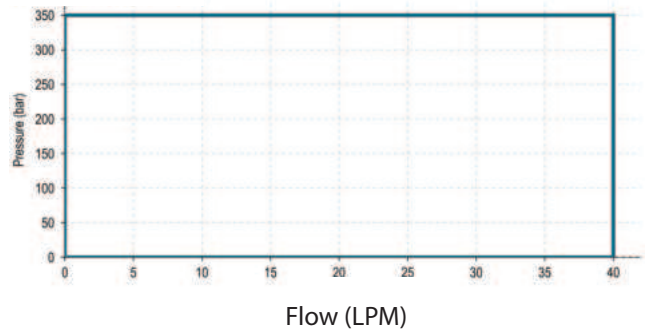
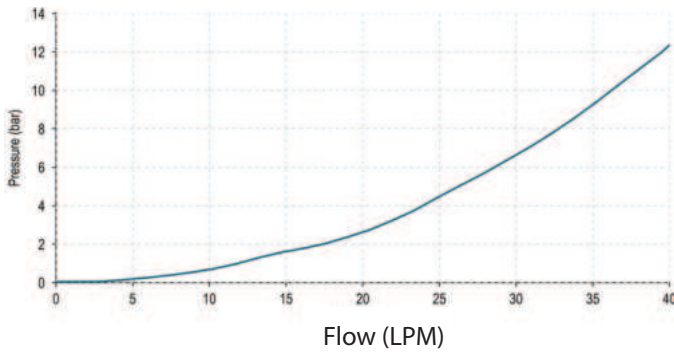


Hydraulic Symbol

### Technical Data

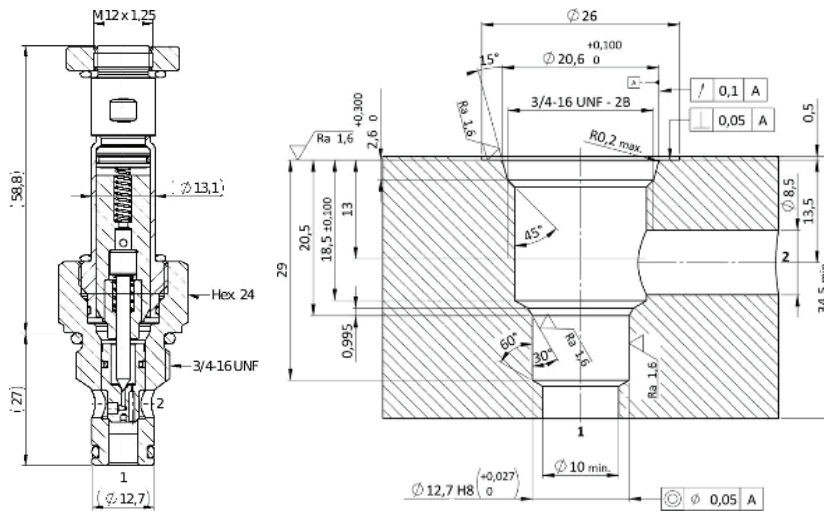
Maximum operating pressure	350 Bar
Maximum flow	40 LPM
Maximum internal leakage	0.25 cm <sup>3</sup> / min @350 Bar
External component treatment	Zn/Fe - standard (96h) Zn/Ni (720h)
Switch ON Time	30 ms
Switch OFF Time	60 ms
O-ring Temperature Range	-30° C to 110° C (standard sealing NBR - BUNA-N)
Oil 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	40-45 Nm (Hex. 24)
Oil testing condition	ISO VG 46 cSt
Seal kit code	SLKT.030 & SLKT.027 (COIL)
Coil	18W
Weight	0.110 kg

 **Performance Curve**



 **Dimensional Drawing**

**Cross Section and Cavity Details**



 **Ordering Code**

**W E • G O • S O 8 • 0 \* • N O O**

**Cavity**  
**S10** = 3/4 -16 UNF with  $\varnothing 12.07$  nose size  
**S10** = 3/4 -16 UNF with  $\varnothing 15.87$  nose size

**Marking**  
**0** = standard factory marking. customized marking can be done upon request

Manual Override		Filtration	
Model Code	Type of Override	model Code	Type of Filter
0	No Override	N	No Filter
1	Screw	F	Standard filter (Mesh size 280 $\mu$ m)
2	Push and Twist	<b>Note</b> =Customized filters can be done upon request	
6	And Hold		
9	Pull And Hold with screw 10-32		
A	Pull And Hold with screw MS		

**NOTE:** Customized filters can be done upon request.