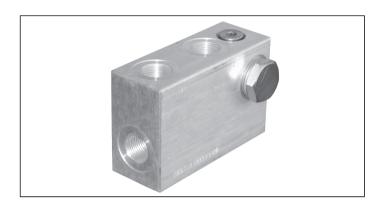


# Pilot operated check, single

# VSO-SE-DL-FCV



## Description

Flow is allowed to pass from V2 to C2 when pressure at V2 rises above the spring bias pressure and the poppet is pushed from its seat. The valve is normally closed (checked) from C2 to V2; when sufficient pilot pressure is present at V1-C1 the pilot piston acts to push the poppet from its seat and flow is allowed from C2 to V2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition. For compact assembly, the C2 port is banjo bolted directly onto the actuator port.

In case of valve application in redundancy systems it is especially recommended to use version with sealed pilot piston. 05.52.39 - X - Y - Z

**RE 18307-09** Edition: 09.2019 Replaces: 03.2016

### **Technical data**

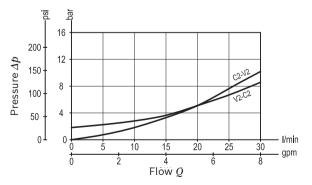
Operating pressure	up to 210 bar (3000 psi)	
Max. flow	30 l/min. (8 gpm)	
Pilot ratio	4.6 : 1	
Installation torque	70 - 80 Nm (52 - 59 ft-lbs)	
Weight	0.7 kg (1.5 lbs)	
Manifold material	Aluminium	
Note: aluminium bodies are often strong enough for operating		

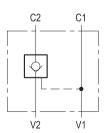
pressures exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.

Fluid	Mineral oil (HL, HLP) according DIN 51524	
Fluid temperature range	-30 °C to 100 (-22 to 212 °F)	
Viscosity range	10 to 500 mm <sup>2</sup> /s (cSt)	
Recommended degree of fluid contamination	Class 19/17/14 according to ISO 4406	
Other technical data	see data sheet 18350-50	
The version with O-Ring and heavier spring is generally recommended.		

Note: for applications outside these parameters, please consult us.

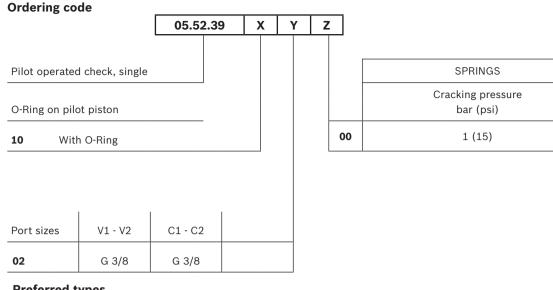
### **Characteristic curve**







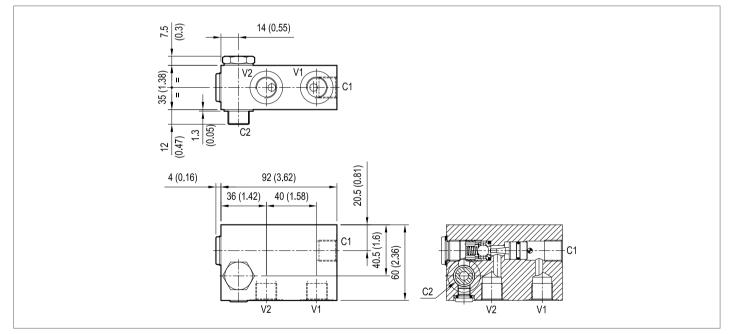
# Y - Z



#### **Preferred types**

Туре	Material number	Туре	Material number
05523910020000B	R930002356		

#### **Dimensions**



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