

## PILOT OPERATED CHECK, SINGLE

**VSO-SE-FCA-G-38-MP**

**05.52.02.10.02.01.000**

Material number R930002312

### TECHNICAL DATA

**Max. operating pressure:** 350 bar (5075 psi)      **Max flow:** 50 l/min (13 gpm)

**Valve setting (cracking pressure)**  
8 bar (116 psi)

**Pilot ratio**  
Valve: 3.2:1

**Port size**  
V1-V2-C1: G 3/8  
C2: Ø 7 (Ø 0.28)

**Special for:** TEREX

### Material

Manifold: aluminium.  
External parts: zinc plated steel.

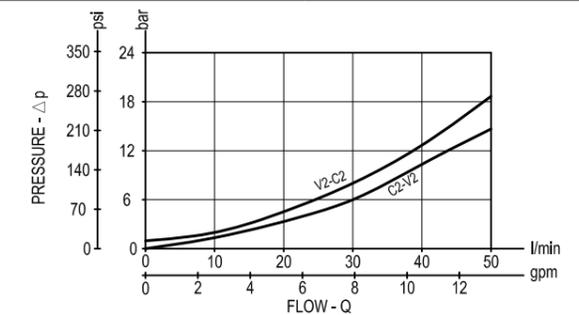
Note: aluminium bodies are suitable for max working pressure up to 350 bar (5075 psi) conditional to application with limited fatigue life.

**Weight:** 0.72 kg (1.59 lbs)

### Description

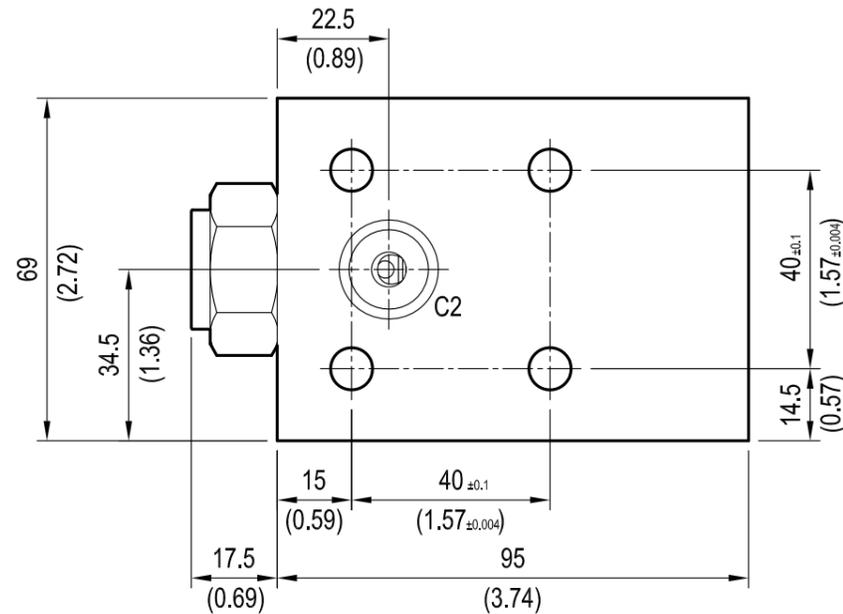
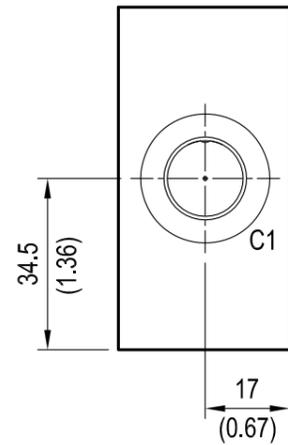
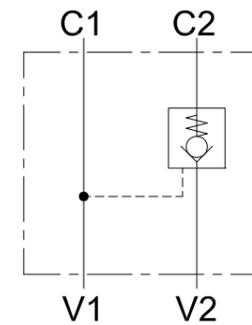
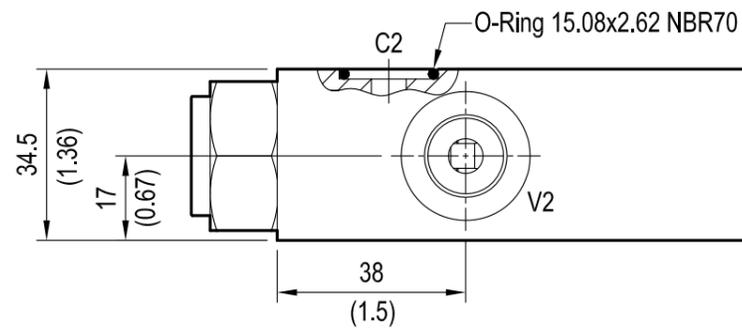
Flow is allowed to pass from V2 to C2 when pressure at V2 rises above the spring bias pressure and the poppet is pushed from its seat. The valve is normally closed (checked) from C2 to V2; when sufficient pilot pressure is present at V1-C1 the pilot piston acts to push the poppet from its seat and flow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

### Performance graph



### Application

Rough terrain cranes outrigger cylinder.



Ø 8.5 (0.33) n°4 holes

