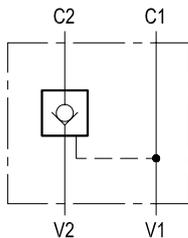


# Pilot operated check, single

VSO-SE

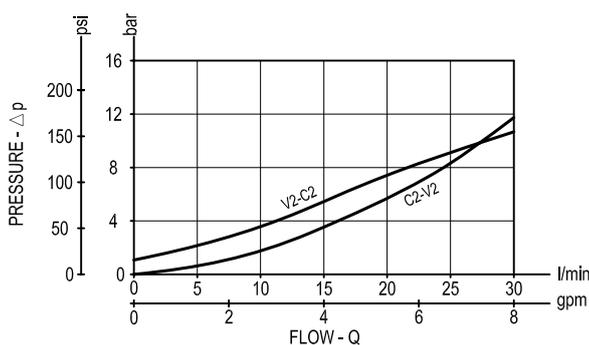
05.52.79 - X - Y - Z



## 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.

## Performance



## Technical data

### Hydraulic

|                    |             |                  |
|--------------------|-------------|------------------|
| Operating pressure | bar (psi)   | up to 210 (3000) |
| Max. flow          | l/min (gpm) | 30 (8)           |
| Pilot ratio        |             | 7 : 1            |

The version with O-Ring and heavier spring is generally recommended.

### General

|  |          |                                  |
|--|----------|----------------------------------|
| 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. |          |                                  |
| Weight   | kg (lbs) | 0.68 (1.5)                       |
| Fluid temperature range  | °C (°F)  | between -30 (-22) and +100 (212) |
| Other technical data   |          | see data sheet RE 18350-50       |

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

