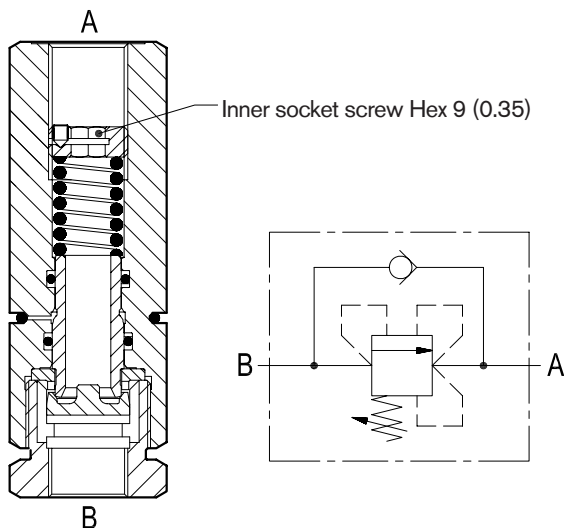


Sequence valves

Direct acting poppet type pressure compensated

VSQ-CC-LM (G1/2)

05.21.17.00-Y-Z



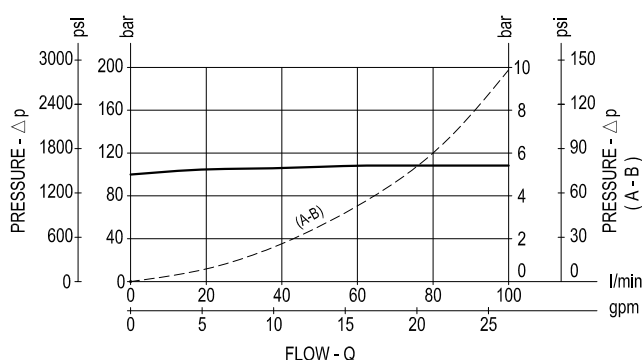
### Description

They are composed by a pressure compensated relief valve (opening "B-A"), and by an annular check valve "A-B". Initially the flow goes to a first line connected in parallel to the B side, not shown here, and pressure increases until reaching the selected relief setting; then the relief valve opens and the second circuit is supplied out of A port, while the actuator connected to the B side remains pressurized.

The valve applies a balanced relief piston allowing relief operation at the valve setting independent of back-pressure at A (back-pressure is not additive). With line pressure equal or higher than setting, after valve opening, the full pressure is transferred from B to A.

The incorporated check valve allows the reverse motion of the actuators which happens without specific control of the sequence, only depending from the load/pressure conditions.

### Performance



### Advantages

- The pressure compensation allows to transfer the full system pressure to the second actuator.
- Very compact design and inline mounting for space saving.
- Mounting position is unrestricted.
- Low  $\Delta p$  for B-A flow.

### Technical data

Port A-B	Pressure P max bar (psi)	Flow Q max l/min (gpm)	Weight kg (lbs)
G 1/2	350 (5000)	100 (27)	0.38 (0.84)

For a good performance, the pressure in the secondary circuit should not drop below 20 bar (290 psi).

