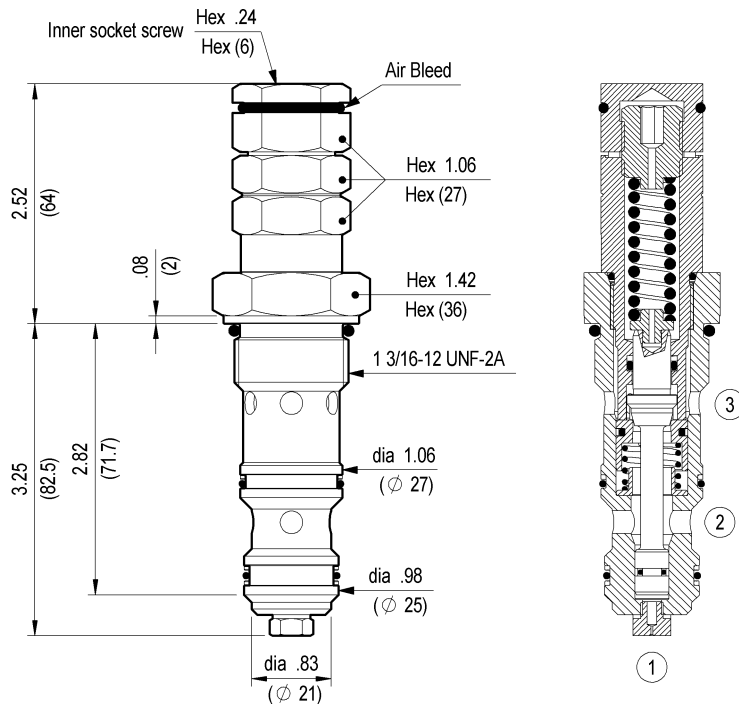


**VBSO-SEC-CCAP-90**

**04.59.07 - X - 99 - Z**



Inches  
(mm)

When pressure at 3 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from 3 to 2. When load pressure at 2 rises above the pressure setting, the direct-acting, relief function is activated and flow is relieved from 2 to 3. With pilot pressure at 1, the pressure setting is reduced in proportion to the stated ratio of the valve, until fully open with free-flow from 2 to 3. The spring chamber is vented to atmosphere allowing operation of all functions independent of back-pressure at 3.

### TECHNICAL DATA

Max. pressure: 5000 psi (350 bar)

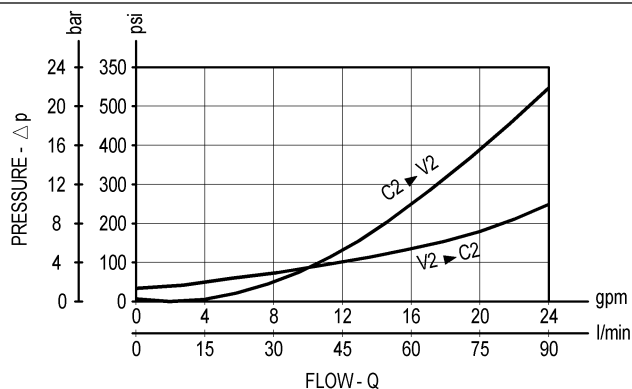
Max. flow: 24 gpm (90 l/min)

Special cavity : 625 (see page CT.S.003.U)

Installation torque : 105-117 ft-lb (142-158 Nm)

Weight: 1.477 lbs (0.670 Kg)

Pressure setting: at least 1.3 times the load induced pressure



**X**

**PILOT RATIO**

**03**

**4.2 : 1**

**Z**

### SPRINGS

	Adj. press. range psi (bar)	Press. increase psi / turn (bar/turn)	Standard setting psi (bar) (Q=5 l/min)		
<b>35</b>	1450-5000 (100-350)	1740 (120)	5000 (350)		