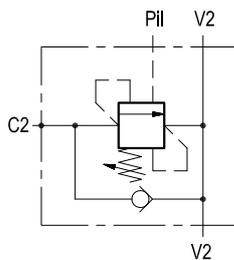


## Single counterbalance

A-VBSO-SE-30-FC1

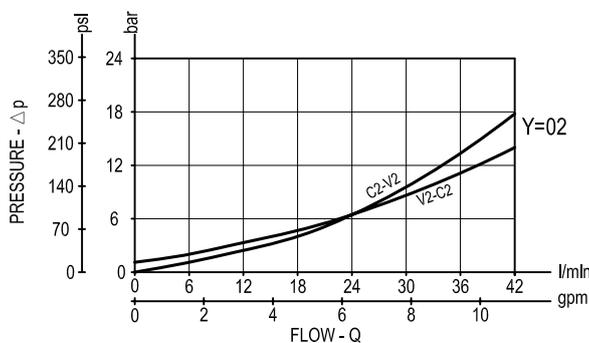
08.41.02 - X - Y - Z



### Description

When pressure at V2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from V2 to C2. When load pressure at C2 rises above the pressure setting, the direct operated relief function is activated and flow is relieved from C2 to V2. With pilot pressure at Pil, the pressure setting is reduced in proportion to the stated ratio of the valve, until opening and allowing flow from C2 to V2. The spring chamber is drained to V2, and back-pressure at V2 is additive to the pressure setting in all functions. For safety and compactness, the C2 port is gasket mounted the actuator.

### Performance



### Technical data

#### Hydraulic

Max. operating pressure bar (psi) 350 (5000)

Max. flow l/min (gpm) 40 (11)

Relief setting: at least 1.3 times the highest expected load.

#### General

Manifold material Steel

Weight kg (lbs) 1.05 (2.32)

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.

