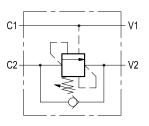


**RE 18307-35/04.10** 1/2 Replaces: RE 00171/02.07

# Single counterbalance

## A-VBSO-SE-78-PL

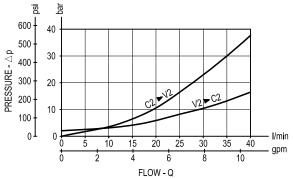


# Description

08.49.85 - X - Y - Z

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 V1-C1, 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 directly on the actuator.

#### Performance



# **Technical data**

#### Hydraulic

| Max. operating pressure | bar (psi)   | 350 (5000) |
|-------------------------|-------------|------------|
| Max. flow               | l/min (gpm) | 40 (11)    |

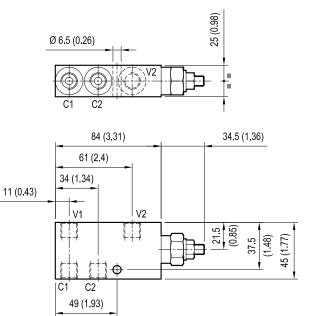
Relief setting: at least 1.3 times the load induced pressure.

#### General

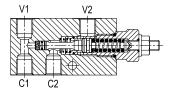
| n<br>Manifold material          |          | Steel                            |  |
|---------------------------------|----------|----------------------------------|--|
| Weight                          | kg (lbs) | 0.76 (1.68)                      |  |
| Fluid temperature range °C (°F) |          | between -30 (-22) and +100 (212) |  |
| Other technical data            |          | see data sheet RE 18350-50       |  |

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

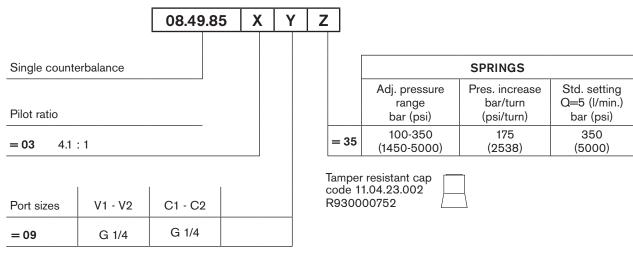
#### Dimensions







### Ordering code



| Туре            | Material number | Туре | Material number |
|-----------------|-----------------|------|-----------------|
| 08498503093500A | R930004003      |      |                 |
|                 |                 |      |                 |
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Subject to change.