

RE 18307-55/04.10 Replaces: RE 00171/02.07

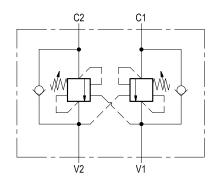
1/2

# Dual counterbalance



A-VBSO-DE-78

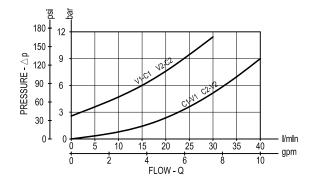
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## **Description**

It provides static and dynamic control of load by regulating the flow IN and OUT of the actuator, through ports C1 and C2. This valve module includes 2 sections, each one composed by a check and a relief valve pilot assisted by pressure in the opposite line: the check section allows free flow into the actuator, then locks the load against reverse movement; with pilot pressure applied at the line across, the pressure setting of the relief is reduced in proportion to the stated ratio until opening and allowing controlled reverse flow. Back-pressure at V1 or V2 is additive to the pressure settings in all functions.

## **Performance**



#### **Technical data**

#### Hydraulic

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

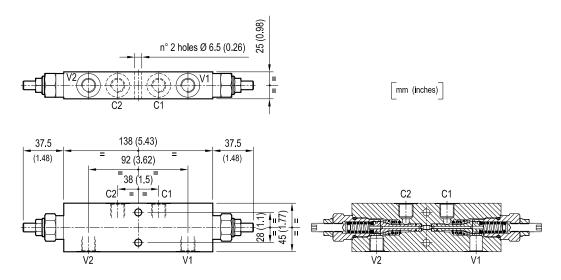
Relief setting: at least 1.3 times the highest expected load.

### General

Manifold material		Steel	
Weight	kg (lbs)	1.20 (2.65)	
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)	
Other technical data		see data sheet RE 18350-50	

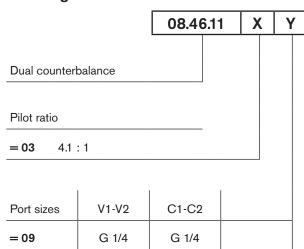
**Note:** for applications outside these parameters, please consult us.

#### **Dimensions**



Z

## Ordering code



	SPRINGS				
	Adj. pressure	Pres. increase	Std. setting		
	range bar (psi)	bar/turn (psi/turn)	Q=5 (I/min.) bar (psi)		
= 35	100-350 (1450-5000)	175 (2538)	350 (5000)		

Tamper resistant cap code 11.04.23.002 R930000752

Material number	Туре	Material number
R930003606		

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