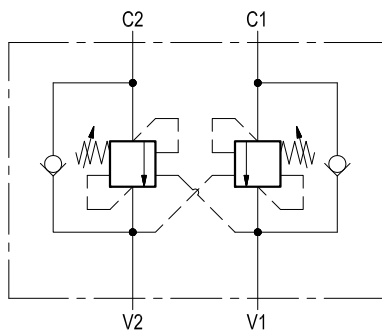


Dual counterbalance

A-VBSO-DE-78

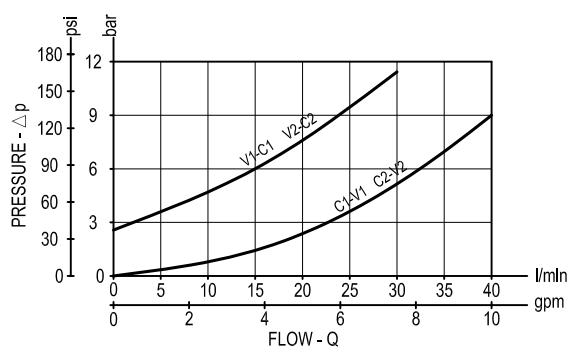
08.46.11 - X - Y - Z



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	l/min (gpm)	40 (11)

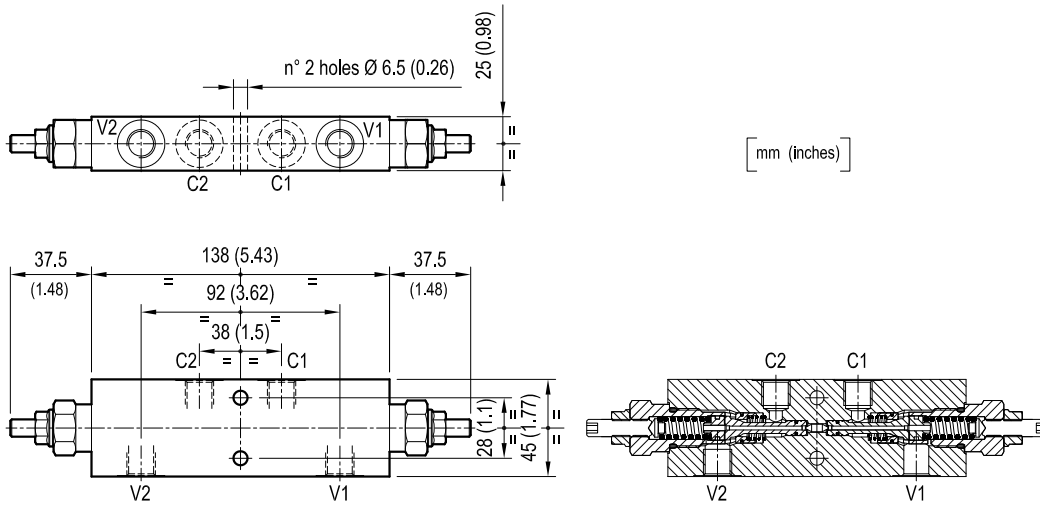
Relief setting: at least 1.3 times the highest expected load.

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



Ordering code

08.46.11	X	Y	Z
-----------------	----------	----------	----------

Dual counterbalance

Pilot ratio

= 03 4.1 : 1

Port sizes

V1-V2

C1-C2

= 09

G 1/4

G 1/4

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

Tamper resistant cap
code 11.04.23.002
R930000752



Type	Material number
084611030935000	R930003606

Type	Material number