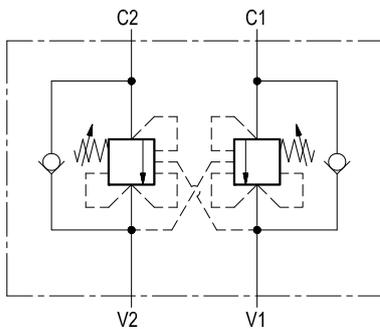
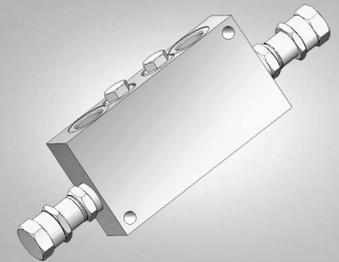


Dual counterbalance, relief compensated

A-VBSO-DE-CC

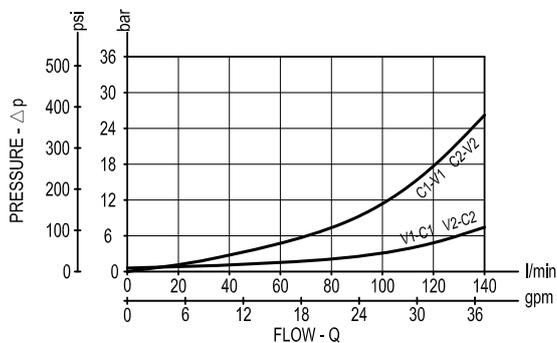
08.42.05 - X - Y - Z



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 with balanced piston, pilot assisted by pressure in the opposite line: the check section allows free flow into the actuator, then holds 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. Relief operates at the valve setting independent of back-pressure, but the piloted opening remains subject to additive pressure at V1 or V2.

Performance



Technical data

Hydraulic

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

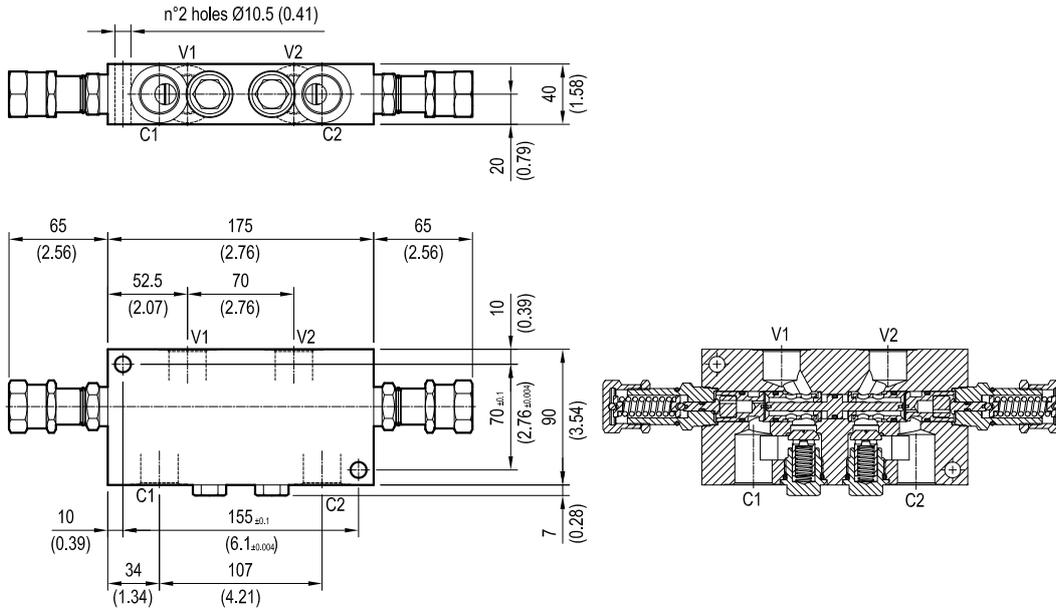
Max. flow: see performance graph

General

Manifold material	Steel
Weight	4.5 (9.9)
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

08.42.05	X	Y	Z
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Dual counterbalance,
relief compensated

Pilot ratio

= 02 **8.2:1**

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)	95 (1378)	350 (5000)

Port sizes

V1-V2

C1-C2

= 04

G 3/4

G 3/4

Type	Material number
084205020435000	R930001126

Type	Material number