

DUAL COUNTERBALANCE

A-VBSO-DE-34-35

08.42.01.03.04.35.000

Material number R930003312

TECHNICAL DATA

Max. operating pressure: 350 bar (5076 psi) **Max. flow:** 120 l/min (32 gpm)

Valve	Setting bar (psi) - cracking pressure	Adj. pressure range bar (psi)	Pressure increase bar/turn (psi/turn)
Valve 1-2	350 (5076)	120 - 350 (1740 - 5076)	106 (1537)

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

Pilot ratio
Valve 1-2: 8.2:1 **Port size**
V1-V2-C1-C2: G 3/4 ISO 1179-1

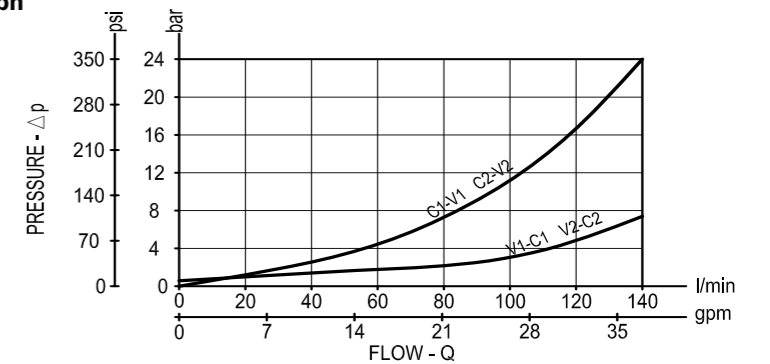
Material
Manifold: zinc plated steel.
External parts: zinc plated steel.

Weight: 4.5 kg (9.9 lbs)

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 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. Back-pressure at V1 or V2 is additive to the pressure setting in all functions.

Performance graph



Application

