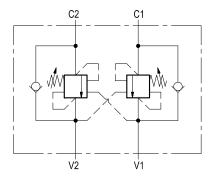


RE 18307-72/07.12

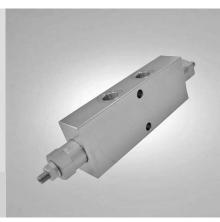
1/2

Dual counterbalance

A-VBSO-DE-30-PI



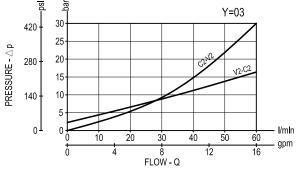
08.48.11 - X - Y - Z



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 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



Technical data

Hydraulic

Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min (gpm)	60 (16)

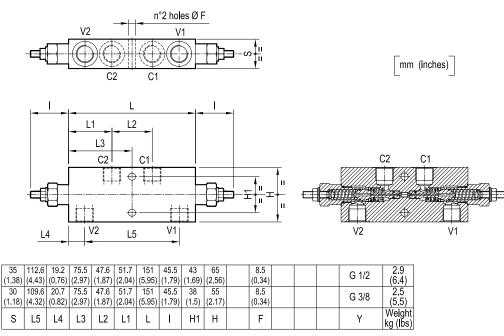
Relief setting: at least 1.3 times the highest expected load.

General

Manifold material		Steel
Weight		see "Dimensions"
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



Ζ

Ordering code

= 03

		08.48.	11	Х	Y	
Dual counter	balance					
Pilot ratio						
= 03 4.2:	1					
Port sizes	V1-V2	C1-C2				
= 02	G 3/8	G 3/8				

G 1/2

		SPRINGS	
	Adj. pressure	Pres. increase	Std. setting
	range	bar/turn	Q=5 (I/min.)
	bar (psi)	(psi/turn)	bar (psi)
= 20	60-210	63	200
	(870-3000)	(914)	(2900)
= 35	100-350	138	350
	(1450-5000)	(2001)	(5000)

Tamper resistant cap code 11.04.23.002 R930000752

Туре	Material number
084811030220000	R930006936
084811030235000	R930006445
084811030320000	R930006817
084811030335000	R930006818

G 1/2

Туре	Material number

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Subject to change.