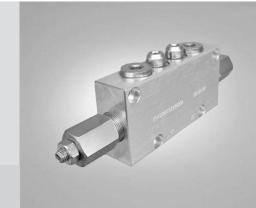


1/2

RE 18307-64/04.10

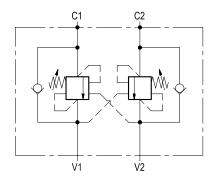
Replaces: RE 00171/02.07

Dual counterbalance



VBSO-DE-FC2

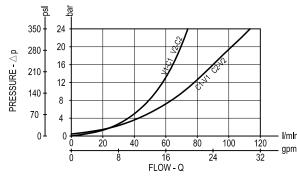
05.42.06 - X - Y - Z



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. For better safety and compact assembly, the C1 and C2 port are gasket mounted directly on the actuator.

Performance



Technical data

Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	I/min (gpm)	120 (32)

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

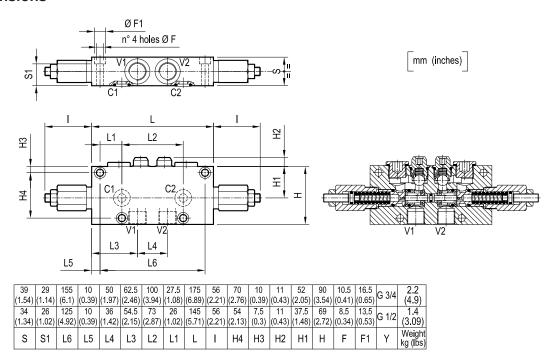
General

	Manifold material	Aluminium
	Note: aluminium bodies are often strong e	enough for operating pressures
ln	exceeding 210 bar (3000 psi), depending	from the fatigue life expected in the
n	specific application. If in doubt, consult or	ur Service Network.

Weight		see "Dimensions"
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)
Other technical data		see data sheet RE 18350-50

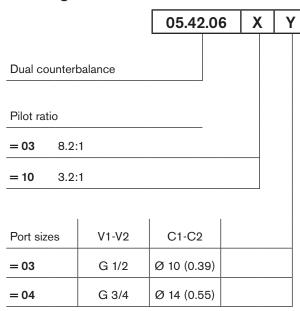
Note: for applications outside these parameters, please consult us.

Dimensions



Z

Ordering code



	SPRINGS			
	Adj. pressure	Pres. increase	Std. setting	
	range	bar/turn	Q=5 (I/min.)	
	bar (psi)	(psi/turn)	bar (psi)	
= 35	120-350	106	350	
	(1750-5000)	(1537)	(5000)	

Туре	Material number
05420603033500A	R930001803
05420603043500A	R930001805
05420610033500A	R930001806
054206100435000	R930001807

Туре	Material number

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