RE 18307-65/04.10 Replaces: RE 00171/02.07

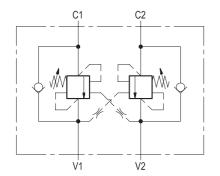
1/2

Dual counterbalance



VBSO-DE-33

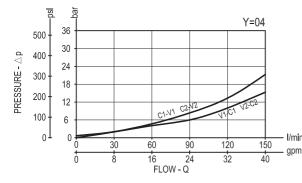
05.44.32 - X - Y - Z



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

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	I/min (gpm)	150 (40)

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

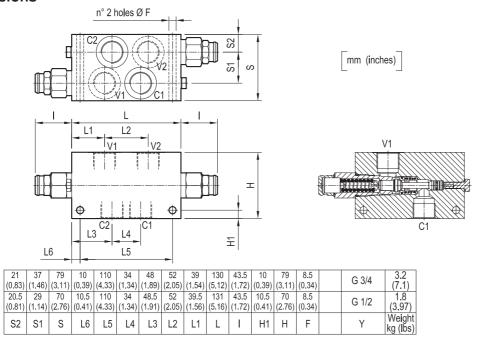
General

	Manifold material	Aluminium
	Note: aluminium bodies are often strong e	enough for operating pressures
in	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

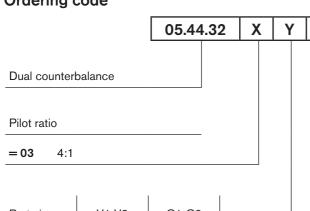
Note: for applications outside these parameters, please consult us.

Dimensions



Z

Ordering code



			I
Port sizes	V1-V2	C1-C2	
= 03	G 1/2	G 1/2	
= 04	G 3/4	G 3/4	

	SPRINGS		
	Adj. pressure	Pres. increase	Std. setting
	range	bar/turn	Q=5 (I/min.)
	bar (psi)	(psi/turn)	bar (psi)
= 35	100-350	110	350
	(1450-5000)	(1595)	(5000)

Tamper resistant cap code 11.04.30.001 R930005194

ď	4

Туре	Material number
05443203033500C	R930002009
05443203043500C	R930002013

Туре	Material number

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