

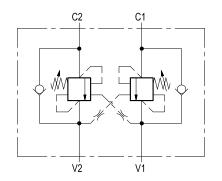
RE 18307-65/04.10

1/2 Replaces: RE 00171/02.07

Dual counterbalance



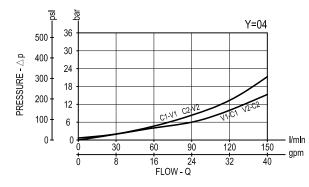
05.44.32 - X - Y - Z **VBSO-DE-33**



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.

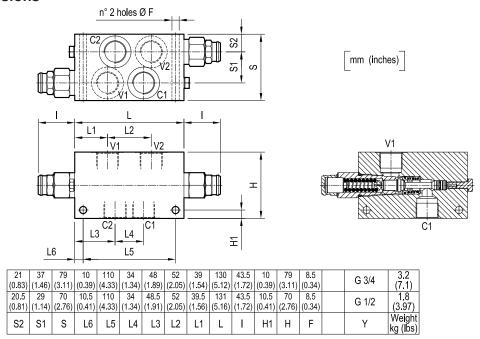
General

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

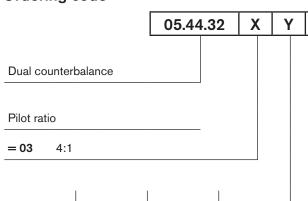
Note: for applications outside these parameters, please consult us.

Dimensions



Z

Ordering code



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



Туре	Material number
05443203033500C	R930002009
05443203043500C	R930002013

Туре	Material number

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The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

Subject to change.