

RE 18307-32/07.12

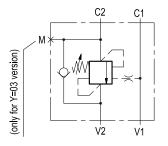
1/2

Single counterbalance

A-VBSO-SE-30-PI-PL

08.39.59 - X - Y - Z



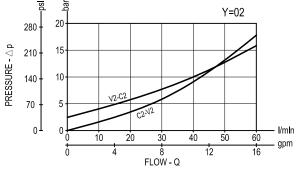


Description

When pressure at V2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from V2 to C2. When load pressure at C2 rises above the pressure setting, the direct operated, differential area, relief function is activated and flow is relieved from C2 to V2. With pilot pressure at V1-C1, the pressure setting is reduced in proportion to the stated ratio of the valve, until opening and allowing flow from C2 to V2. The spring chamber is drained to V2, and any back-pressure at V2 is additive to the pressure setting in all functions.

Note: port identified with M are not protected with calibrated orifice but in direct connection with pressure channels.





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.

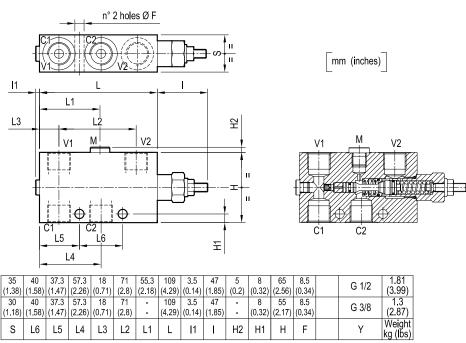
For higher stability at all flows and pressures, the pilot line includes hydraulic damping.

General

ท า	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



Ordering code

= 03

		08.39.59		Χ	Y	Ζ
Single counte	erbalance					
Pilot ratio						
= 03 4.2:	1					=
	l	l	1			=
Port sizes	V1-V2	C1-C2		Μ		Ta Co
= 02	G 3/8	G 3/8		/		R
	1	1	1			

	SPRINGS		
	Adj. pressure	Pres. increase	Std. setting
	range	bar/turn	Q=5 (l/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)

code 11.04.23.002 R930000752

Туре	Material number
083959030220000	R930006757
083959030235000	R930006443
083959030320000	R930006758
083959030335000	R930006759

G 1/2

G 1/4

G 1/2

Туре	Material number

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Subject to change.