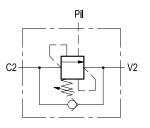


**RE 18307-37/04.10** 1/2 Replaces: RE 00171/02.07

# Single counterbalance

## A-VBSO-SE-30

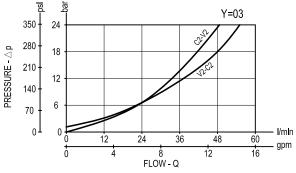


# Description

08.41.01 - X - Y - Z

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 Pil, 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.

### Performance



# **Technical data**

Hydraulic	Η	у	d	r	а	u		ic	
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Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min (gpm)	60 (16)

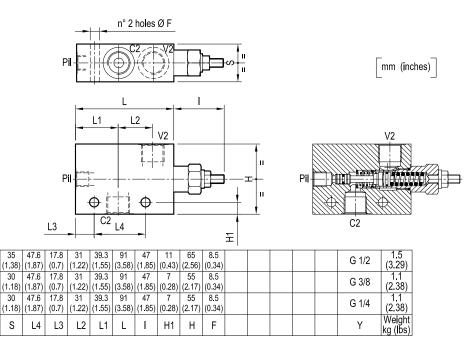
Relief setting: at least 1.3 times the highest expected load.

#### 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

		08.41.0	1	X	Y	
Single counte	erbalance					
Pilot ratio						
= 03 4.2:	1					
			1			
Port sizes	V2	C2		Pil		
= 09	G 1/4	G 1/4		G 1/4		
= 02	G 3/8	G 3/8		G 3/8		

= 03	G 1/2	G 1/2	G 1/4			
Туре		Material r	number			
0841010302	2000B	R930003	R930003264			
0841010302	3500B	R987234	306			
0841010303	2000A	R930003	270			
0841010303	3500B	R930003	R930003271			
084101030920000		R930003	272			

R930003273

Туре	Material number

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08410103093500B

	SPRINGS				
	Adj. pressure	Pres. increase	Std. setting		
	range	bar/turn	Q=5 (I/min.)		
	bar (psi)	(psi/turn)	bar (psi)		
= 20	60-210	56	200		
	(870-3000)	(812)	(2900)		
= 35	100-350	138	350		
	(1450-5000)	(2001)	(5000)		

Tamper resistant cap code 11.04.23.002 R930000752

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Subject to change.