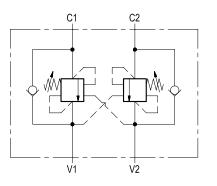


RE 18307-59/04.10 1/2 Replaces: RE 00171/02.07

Dual counterbalance

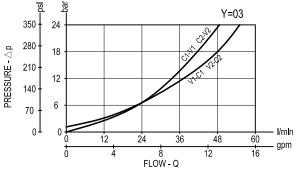
A-VBSO-DE-30



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

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

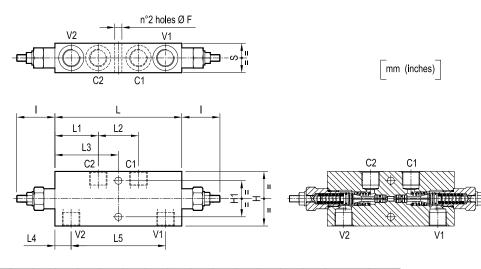
Manifold material		Steel
Weight		see "Dimensions"
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)
Other technical data		see data sheet RE 18350-50

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

(a)

08.44.07 - X - Y - Z

Dimensions



Ζ

3	-	112.6 (4.43)	19.2 (0.76)	75.5 (2.97)	47.6 (1.87)	51.7 (2.04)	151 (5.95)	45.5 (1.79)	43 (1.69)	65 (2.56)	8.5 (0.34)		G 1/2	2.9 (6.4)
		109.6 (4.32)	20.7 (0.82)	75.5 (2.97)	47.6 (1.87)	51.7 (2.04)	151 (5.95)	45.5 (1.79)	38 (1.5)	55 (2.17)	8.5 (0.34)		G 3/8	2.5 (5.5)
	S	L5	L4	L3	L2	L1	L	I	H1	Н	F		Y	Weight kg (lbs)

Ordering code

= 03

		08.44.0	08.44.07		Y	
Dual counter	balance					
Pilot ratio						
= 03 4.2:	1					
Port sizes	V1-V2	C1-C2				
= 02	G 3/8	G 3/8				
			1			

G 1/2

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

Туре	Material number
08440703022000A	R930003364
08440703023500A	R930003366
08440703032000A	R930003373
08440703033500A	R900338285

G 1/2

Туре	Material number

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Subject to change.