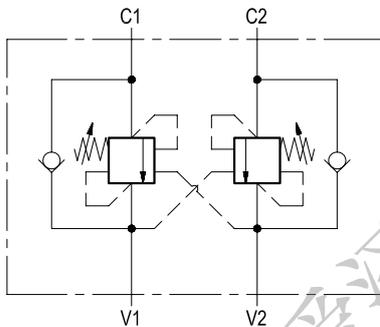


Dual counterbalance



A-VBSO-DE-30

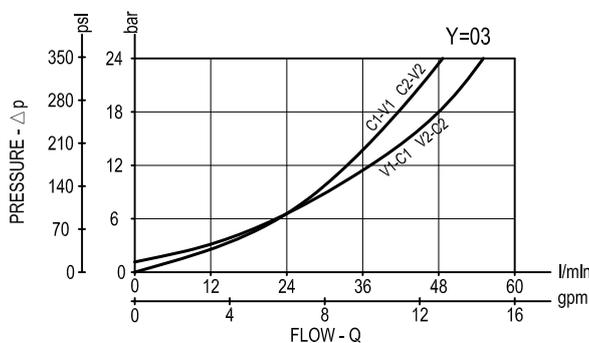
08.44.07 - X - Y - Z



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

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

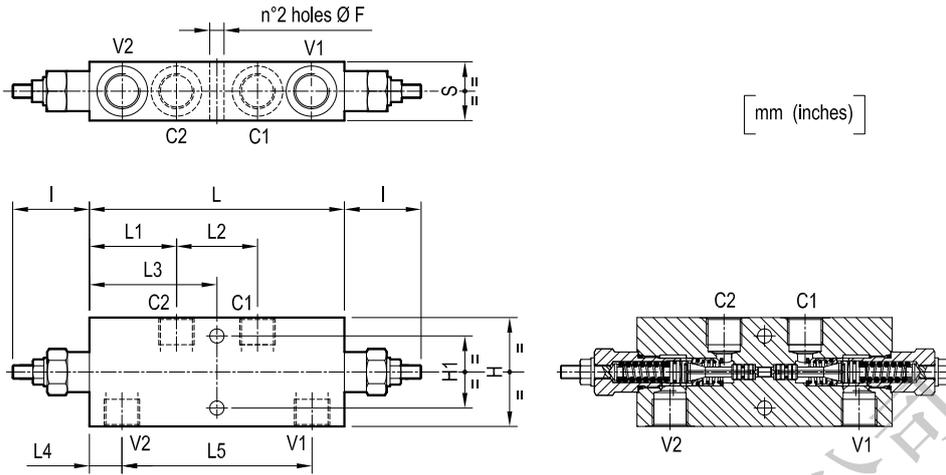
Weight see "Dimensions"

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



[mm (inches)]

35 (1.38)	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)
30 (1.18)	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	H	F				Y	Weight kg (lbs)

Ordering code

08.44.07	X	Y	Z
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Dual counterbalance

Pilot ratio

= 03 4.2:1

Port sizes	V1-V2	C1-C2
= 02	G 3/8	G 3/8
= 03	G 1/2	G 1/2

SPRINGS		
Adj. pressure range bar (psi)	Pres. increase bar/turn (psi/turn)	Std. setting Q=5 (l/min.) bar (psi)
= 20 60-210 (870-3000)	63 (914)	200 (2900)
= 35 100-350 (1450-5000)	138 (2001)	350 (5000)

Tamper resistant cap
code 11.04.23.002
R930000752



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

Type	Material number