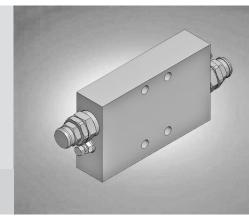


1/2

RE 18307-66/03.13

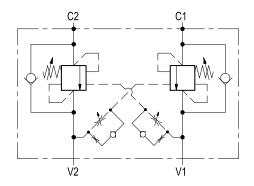
Replaces: RE 18307-66/09.11

Dual counterbalance



VBSO-DE-33-FC2

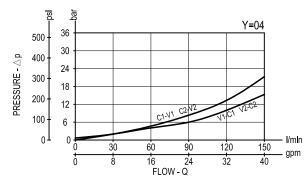
05.44.33 - X - Y - Z



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. For better safety and compact assembly, the C1 and C2 ports are gasket mounted directly on the actuator.

Performance



Technical data

Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	l/min (gpm)	150 (40)

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

General

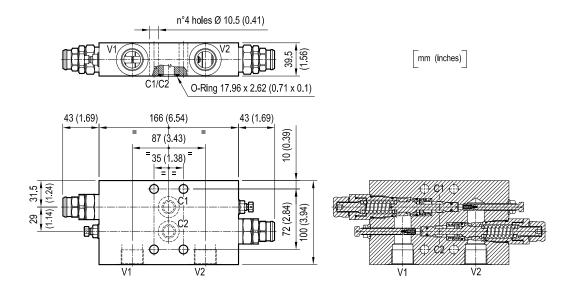
Manifold material

1	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	kg (lbs)	2.80 (6.17)		
	Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)		
	Other technical data		see data sheet RE 18350-50		

Aluminium

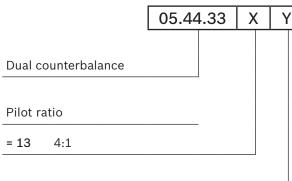
Note: for applications outside these parameters, please consult us.

Dimensions



Ζ

Ordering code



ı		I	İ
Port sizes	V1-V2	C1-C2	
= 03	G 1/2	Ø 13 (0.51)	
= 04	G 3/4	Ø 13 (0.51)	

1						
	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			
- 33	(1450-5000)	(1595)	(5000)			

Туре	Material number	Туре	Material number
05443313033500D	R930007464	<u> </u>	
05443313043500D	R930007140	<u> </u>	

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonartola – Modena, Italy

Tel. +39 059 887 611 Fax +39 059 547 848

motion-control-valves@oilcontrol.com www.boschrexroth.com

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