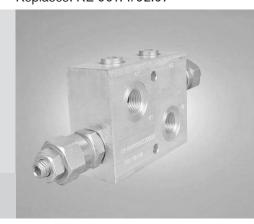
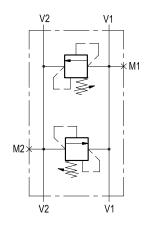


**RE 18308-15/04.10** 1/2 Replaces: RE 00171/02.07

# Dual cross over relief, direct acting



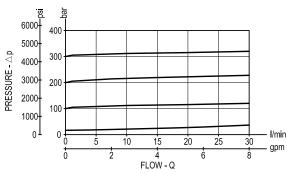
VSDI-30 05.16.03 - X - Y - Z



# **Description**

It relieves the inlet pressure from either one of the supply lines and it protects motors or hydraulic actuators from shocks or pressure surges induced by changes in direction or by sudden stops. The dual relief is of the cross over type, and exhausted oil is transferred to the other line (from V1 into V2 and viceversa), without the necessity of a separate tank line: this feature also prevents cavitation when used in conjunction with closed centre directional valve.

## **Performance**



# **Technical data**

#### Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	I/min (gpm)	30 (8)

For relief cartridge details, see RE 18318-23 (VS-30 041118X99Z)

Each cartridge can be individually pressure set. For best protection, the valve should be fitted as close to the actuator as possible.

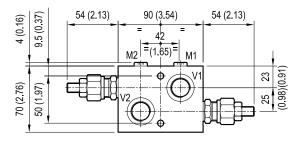
## General

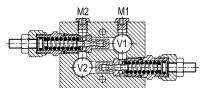
Manifold material	Aluminium
Note: aluminium bodies are often strong enough for operating pressures exceeding 210 bar (3000 psi), depending from the fatigue life expected in the specific application. If in doubt, consult our Service Network.	

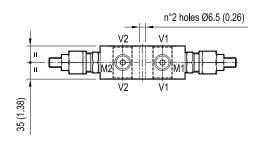
Weight	kg (lbs)	0.79 (1.74)
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)
Other technical data		see data sheet RE 18350-50

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

## **Dimensions**

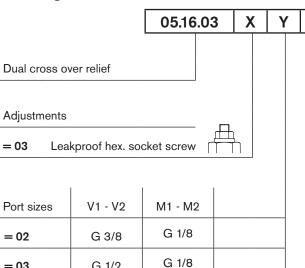








# Ordering code



G 1/2

	SPRINGS		
	Adj. pressure	Pres. increase	Std. setting
	range	bar/turn	Q=5 (I/min.)
	bar (psi)	(psi/turn)	bar (psi)
= 05	5-50	12	50
	(75-725)	(174)	(725)
= 10	30-100	24	100
	(435-1450)	(348)	(1450)
= 20	50-210	47	200
	(725-3000)	(682)	(2900)
= 35	100-350	82	350
	(1450-5000)	(1189)	(350)

Tamper resistant cap code 11.04.23.003 R930000754

Z

Туре	Material number
051603030205000	R930001351
051603030210000	R930001353
051603030220000	R930001354
051603030235000	R930001358
051603030305000	R930001361
051603030310000	R930001362
051603030320000	R930001363
051603030335000	R930001365

Туре	Material number

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5

= 03

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