

RE 18308-17/04.10 Replaces: RE 00171/02.07

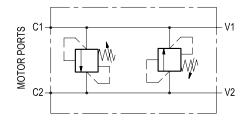
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Dual cross over relief, direct acting, flangeable to motor



VSDI-30-FM

05.16.17 - X - Y - Z



Description

It relieves the inlet pressure from either one of the supply lines and it protects the motor 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 vice-versa), without the necessity of a separate tank line: this feature also prevents cavitation when used in conjunction with closed centre directional valve.

Technical data

Hydraulic

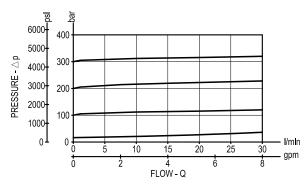
Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	I/min (gpm)	30 (8)

Flangeable on SAUER-DANFOSS orbital motors OMS series

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

Each cartridge can be individually pressure set.

Performance



General

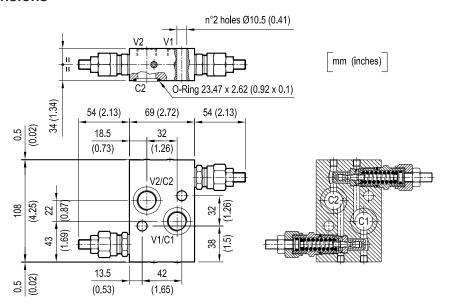
Manifold material

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.

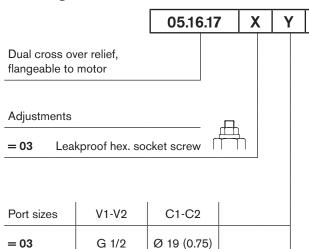
Weight	kg (lbs)	0.89 (1.96)
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)
Other technical data		see data sheet RE 18350-50

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

Dimensions



Ordering code



	SPRINGS			
	Adj. pressure	Pres. increase	Std. setting	
	range	bar/turn	Q=5 (I/min.)	
	bar (psi)	(psi/turn)	bar (psi)	
= 20	50-210	47	200	
	(725-3000)	(682)	(2900)	

Tamper resistant cap code 11.04.23.003 R930000754

Туре	Material number	Туре	Material number
051617030320000	R930001378		

Z

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