

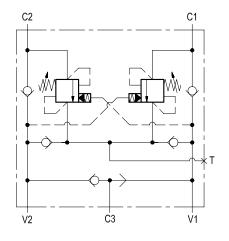
RE 18308-75/04.10 Replaces: RE 00171/02.07

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Motion control with brake release port

VAA-B-SICN-ST-VF-50

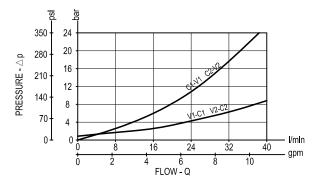
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Description

It provides static and dynamic motion control by regulating flow and pressure IN and OUT of the hydraulic motor at ports C1 and C2. When installed close to the motor, it can stop runaway in case of hose failure. The check sections allow free flow into the motor and prevent reverse movement; the pilot assisted relief valves control the movement when pilot pressure is applied. A system of check valves allows cross line relief; an optional make-up port (T) allows to compensate for any volume change. Through port C3, a shuttle valve directs either V1 or V2 pressure to the spring actuated brake for brake releasing.

Performance



Technical data

Hydraulic

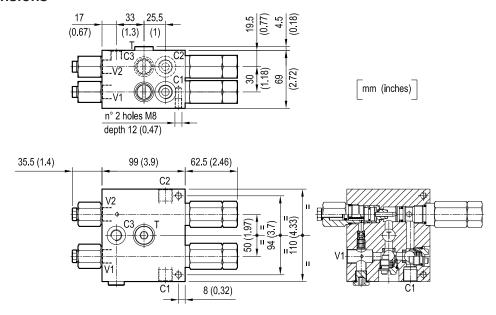
Operating pressure	bar (psi)	up to 210 (3000)		
Max. flow	I/min (gpm)	40 (11)		
Relief setting: at least 1.3 times the highest expected load.				

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)	3.5 (7.7)		
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)		
Other technical data		see data sheet RE 18350-50		

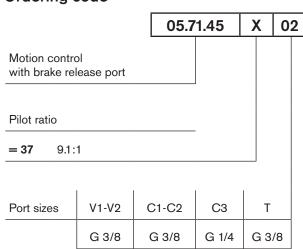
Note: for applications outside these parameters, please consult us.

Dimensions



Z

Ordering code



	SPRINGS		
	Adj. pressure	Pres. increase	Std. setting
	range	bar/turn	Q=5 (I/min.)
	bar (psi)	(psi/turn)	bar (psi)
= 20	60-210	60	150
	(870-3000)	(870)	(2200)
= 35	100-350	100	150
	(1450-5000)	(1450)	(2200)

Туре	Material number
057145370220000	R930002519
057145370235000	R930002520

Туре	Material number

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