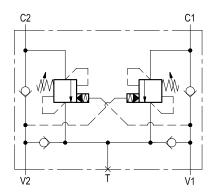
05.71.44 - X - 02 - Z



RE 18308-72/04.10 1/2 Replaces: RE 00171/02.07

# Motion control

## VAA-B-SICN-ST-50



# 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.

# **Technical data**

#### Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)
Max. flow	l/min (gpm)	40 (11)

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

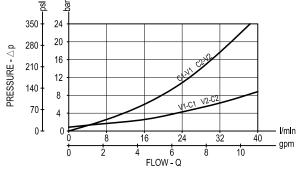
#### General

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 (lb		) 3.5 (7.7)			
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)			

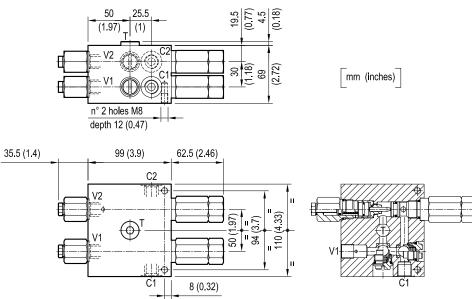
see data sheet RE 18350-50

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

### Performance



#### Dimensions



#### Ordering code

		05.71.44	4 X	02	2	Z			
Motion contro	ol								
Pilot ratio								Adj. pressure range bar (psi)	
= 37 9.1:	1						= 20	60-180 (870-2600)	
							= 35	100-350 (1450-5000)	
Port sizes	V1-V2	C1-C2	т						
	G 3/8	G 3/8	G 3	/8					

	SPRINGS				
	Adj. pressure	Pres. increase	Std. setting		
	range	bar/turn	Q=5 (l/min.)		
	bar (psi)	(psi/turn)	bar (psi)		
= 20	60-180	60	150		
	(870-2600)	(870)	(2200)		
= 35	100-350	100	150		
	(1450-5000)	(1450)	(2200)		

Туре	Material number	Туре	Material number
057144370220000	R930002510		
057144370235000	R930002511		

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The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

Subject to change.