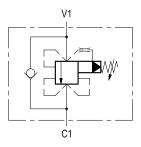


# RE 18309-88/04.101/2Replaces: RE 00171/02.07

# Sequence, pilot operated spool type, compensated

### VSQP-CC-150



## 05.24.06 - X - Y - Z



## Description

Initially, the flow goes to a side line connected to V1, not shown here, and energizes a first actuator until pressure increases to meet the selected valve setting; then flow opens the relief cartridge and passes from V1 to C1 energizing the second actuator connected to C1. The valve applies a balanced relief piston allowing relief operation at the valve setting independent of back-pressure at C1. With line pressure equal or higher than setting, after valve opening, the full pressure is transferred from V1 to C1 and to the second actuator. The check valve allows reverse flow, from C1 to V1.

# **Technical data**

#### Hydraulic

Operating pressure	bar (psi)	up to 210 (3000)		
Max. flow	l/min (gpm)	150 (40)		
Leakage: 100 cc/min (6 in <sup>3</sup> /min) at max relief setting.				

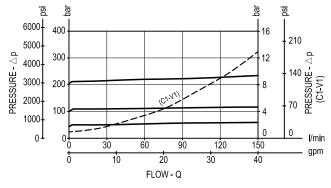
For a good performance, the pressure in the secondary circuit should not drop below 20 bar (290 psi).

#### General

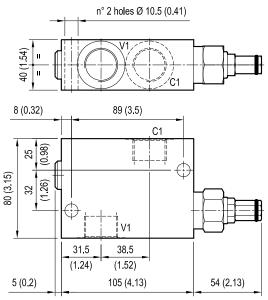
Manifold material		Aluminium	
	si), dependin	enough for operating pressures g from the fatigue life expected in the ur Service Network.	
Weight	kg (lbs)	1.1 (2.43)	
Fluid temperature range	°C (°F)	between -30 (-22) and +100 (212)	
Other technical data		see data sheet RE 18350-50	

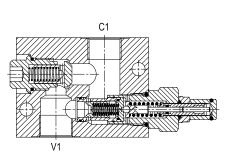
Note: for applications outside these parameters, please consult us.

### Performance



#### **Dimensions**





mm (inches)

# Ordering code

Туре

052406030320000

052406030420000

		05.24	.06	X	Y	Z
Sequence, pilot operated compensated						
Adjustments						
= 03 Lea	kproof inner he ew	ex. socket				
		1				
Port sizes	V1	C1				
= 03	G 1/2	G 1/2				
= 04	G 3/4	G 3/4				

R930001503

G 1/2			
G 3/4			
Material r	number	Туре	Material number
R930001	501		

Adj. pressure

range bar (psi)

10-210

(145-3000)

= 20

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonantola - Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848 motion-control-valves@oilcontrol.com www.boschrexroth.com

 $\ensuremath{\mathbb{C}}$  This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent.

SPRINGS

Pres. increase

bar/turn

(psi/turn)

35

(508)

Std. setting

Q=5 (I/min.)

bar (psi)

200

(2900)

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.