

1/4 RE 18330-01/04.23 Replaces: RE 18330-01/11.20

# Relief, direct acting (guided) poppet type

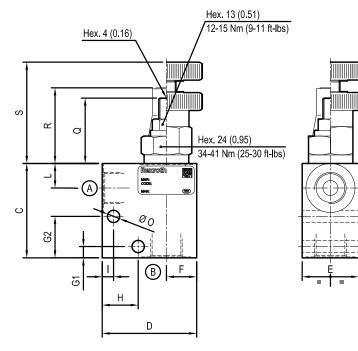
Common cavity

Cartridge style in manifold

# VSBN-08A-C

OR.01 - K - X - Y - Z - W

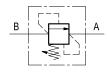
### **Dimensions**



#### **Technical data** Max flow: up to 20 l/min (5 gpm) Max operating pressure 350 bar (5000 psi) for steel body: Max operating pressure 210 bar (3000 psi)

To order only manifold see data sheet RE 18325-85

for aluminium body:



#### Table "Y"

Caultu	v	PORT	SIZE	Max Flow					DIM	ENSIO	NS mm	(Inche	s)				
Cavity	T	1 - 2		l/min (gpm)	С	D	Е	F	G1	G2	н	I	L	0	Q	R	S
SIZE	09	G 1/4		up to	50 (1.97)	50 (1.97)	30 (1.18)	16 (0.63)	6 (0.24)	22 (0.87)	19 (0.75)	6 (0.24)	13 (0.51)	6.5 (0.26)	35.5	40	54
08	02	G 3/8		20 (5)	50 (1.97)	50 (1.97)	30 (1.18)	16 (0.63)	6 (0.24)	22 (0.87)	19 (0.75)	6 (0.24)	13 (0.51)	6.5 (0.26)	(1.4)	(1.58)	(2.13)

#### Cartridge style

-	Table	e "K"		к				
	DE	04	11	49	Х	56	Z	VSBN-08A
	CODE							
	CARTRIDGE							
	RTRI							
	CA							

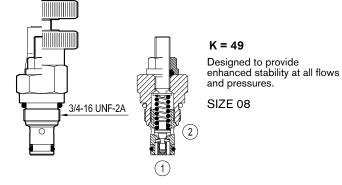
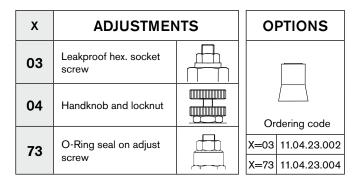


Table "X"



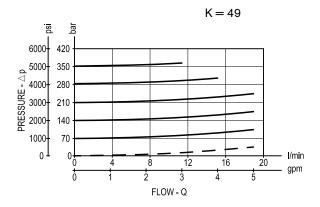
#### CARTRIDGE TECHNICAL DATA

Common cavity: **CA-08A-2N** For other details see data sheet RE 18318-04

### Table "Z"

				SP	RINGS					
			<b>K=49</b> typ	е		 				 
	Z	Adj. press. range bar(psi)	Pres. increase bar/turn (psi/turn)	Std. setting 5 l/min bar (psi)						
	05	10-70 (145-1000)	26 (375)	50 (725)						
X=03	10	35-140 (500-2000)	50 (725)	100 (1450)						
<b> </b> <del>*</del>	20	105-210 (1500-3000)	79 (1145)	200 (2900)						
	35	175-350 (2500-5000)	170 (2465)	350 (5000)						
	10									
X=04	20									
	35	35-350 (500-5000)	72 (1044)	200 (2900)						
X=73	35	35-350 (500-5000)	72 (1044)	200 (2900)						

# Performance graphs



#### Ordering code

	OR.01	49	X	Y 	Z	w	]
Monifold with valiof divast asting							Manifold material = 00 Aluminium manifold
Manifold with relief direct acting (guided) poppet type	3					=	<b>= S0</b> Steel manifold
Cartridge style - Common cavity							<b>gs</b> - Springs ble Z on page 2)
<b>Cartridge style</b> - Adjustments (see table X on page 2)						-	r <b>le</b> - Dimensions and port sizes on page 1)

## Preferred types (readily available)

Туре	Material number	Туре	Material number
OR0149030210S0	R934001607		
OR0149030220S0	R934001616		
OR0149030235S0	R934001629		
OR014903020500	R934003368		
OR014903090500	R934003367		
OR014904023500	R934003496		

Further types available by request

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 integrated-circuits@oilcontrol.com www.boschrexroth.com © 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.

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Subject to change.