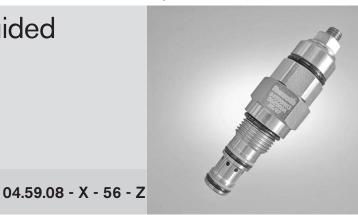


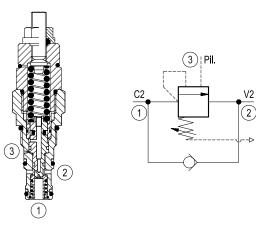
RE 18320-11/01.10 1/2 Replaces: RE 00162-02/01.06

Counterbalance, vented guided poppet type

Common cavity, Size 08

VBST-08AA



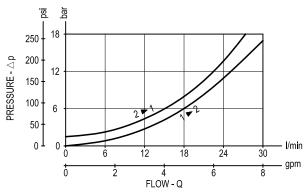


Description

Technical data

When pressure at 2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from 2 to 1. When load pressure at 1 rises above the pressure setting, the direct-acting, relief function is activated and flow is relieved from 1 to 2. With pilot pressure at 3, the pressure setting is reduced in proportion to the stated ratio of the valve, until fully open with free-flow from 1 to 2. The spring chamber is vented to atmosphere allowing operation of all functions independent of back-pressure at 2.

Performance



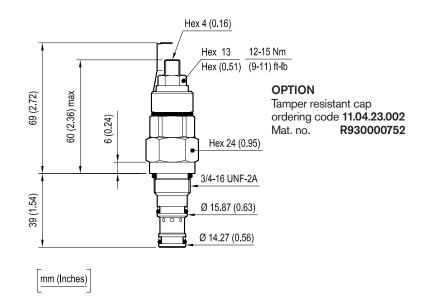
Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	30 (8)
Max. internal leakage (*)	drops/min.	15
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	34-41 (25-30)
Weight	kg (lbs)	0.19 (0.42)
Cavity		CA-08A-3C see data sheet RE 18325-70
Line bodies		See data sheet RE 18325-85
Seal kit (**)	code material no.	RG08A9010520100 R901101592
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /s (cSt)
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Installation		No restrictions
Other Technical Data		See data sheet RE 18350-50
B		

Pressure setting: at least 1.3 times the load induced pressure.

(*) At 70% of pressure setting

(**) Only external seals for 10 valves

Dimensions



Ordering code

	04.59.08	X	5	6	Ζ	0	0 *			
								ies 0/A to L hanged performa	nces and dimensions	3
Counterbalance, vented guid poppet type	ed					,	Version a	and options stan	dard	
						Γ	SPRINGS			
Pilot ratio						F	Adi.	press. range	Pressure increase	Std. setting
= 03 4:1								bar (psi)	bar/turn (psi/turn)	bar (psi) Q=5 l/min
					= 2	20	100-21	10 (1450-3000)	109 (1581)	200 (2900)
Common cavity, Size 08					= :	35	200-35	50 (2900-5000)	137 (1987)	350 (5000)

Note: Special settings available. Contact factory authorized representative for ordering code

our products are subject to a natural process of wear and aging.

Туре	Material number	Туре	Material number
04590803562000B	R901096065		
04590803563500B	R901096066		
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Subject to change.