

RE 18320-15/01.10

1/2 Replaces: RE 00162-02/01.06

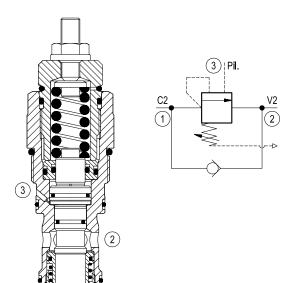
Counterbalance, vented guided poppet type

Common cavity, Size 20

VBST-20A

04.59.18 - X - 58 - Z

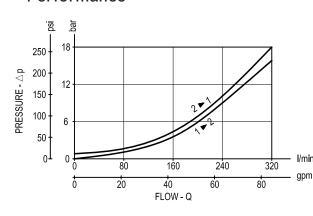




Description

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 directacting, 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



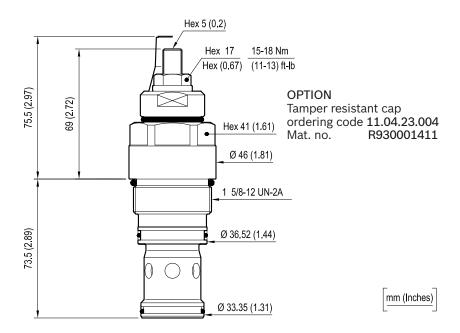
Technical data

Max. operating pressure bar (psi)		350 (5000)
Max. flow	l/min. (gpm)	320 (85)
Max. internal leakage (*)	drops/min.	15
Fluid temperature ra	inge °C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	128-149 (95-110)
Weight	kg (lbs)	1.12 (2.5)
Cavity		CA-20A-3C see data sheet RE 18325-70
Seal kit (**)	code material no.	
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 Da	ta	See data sheet RE 18350-50
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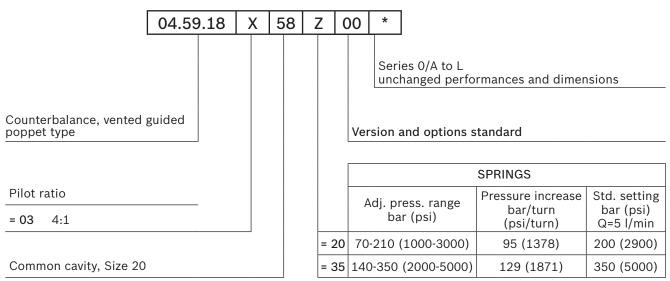
Pressure setting: at least 1.3 times the load induced pressure.

- (*) At 70% of pressure setting
- (**) Only external seals for 10 valves

Dimensions



Ordering code



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

Туре	Material number
045918035820000	R901096069
045918035835000	R901096070

Туре	Material number

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Subject to change.