

1/2

RE 18318-52/07.12

Replaces: RE 18318-52/09.09

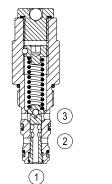
Pressure reducing and relieving, direct acting spool type

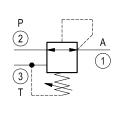
Common cavity, Size 08

VRPR-08A

04.95.11.83.56 - Z



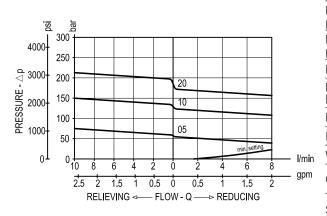




Description

Initially, flow passes freely from 2 to 1. When the pressure at 1 exceeds the pressure setting, the valve acts to restrict input flow at 2. This increases the pressure drop through the valve and maintains consistent pressure at 1. The spring chamber is drained at 3 to prevent a build-up of back-pressure against the spool. Additionally, if pressure at 1 rises above the pressure setting, flow is relieved to 3 until the setting is re-attained.

Performance



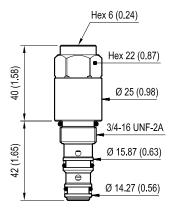
Technical data

Max. operating pressure bar (psi)	350 (5000)
Max. pressure admitted bar (psi)	210 (3000)
Max. flow I/min. (gpm)	8 (2)
Max. internal leakage (*) cm³/min. (cu.in./min.)	100 (6)
Fluid temperature range °C (°F)	-30 to 100 (-22 to 212)
Installation torque Nm (ft-lbs)	34-41 (25-30)
Weight kg (lbs)	0.2 (0.44)
Cavity	CA-08A-3N 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 general technical data	See data sheet RE 18350-50
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^{(*) 1 - 3} to 80% of pressure setting

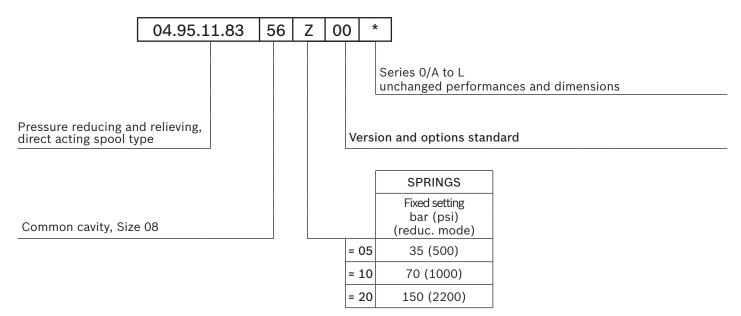
^(**) Only external seals for 10 valves

Dimensions





Ordering code



Further settings available on request

Туре	Material number
04951183560500A	R930006735
04951183561000A	R930006736
04951183562000A	R930006737

Туре	Material number

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Subject to change.