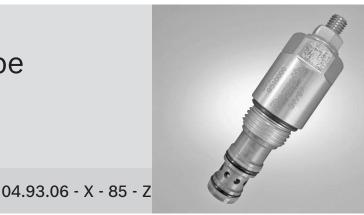


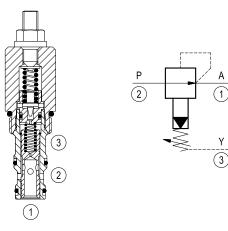
## RE 18318-50/04.10 1/2 Replaces: RE 18318-50/09.09

# Pressure reducing, pilot operated spool type

Common cavity, Size 10

VRPP-10A

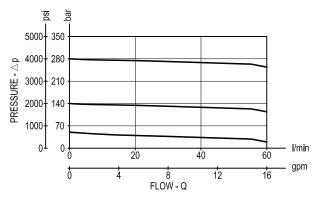




### Description

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.

#### Performance



### Technical data

Max. operating pressure port 2 (P) bar (psi)	350 (5000)	
Max. pressure admitted bar (psi) port 1 (A)	280 (4000)	
Max. flow I/min. (gpm)	60 (16)	
Standard internal pilot mm orifice diameter	0.6	
Fluid temperature range °C (°F)	-30 to 100 (-22 to 212)	
Installation torque Nm (ft-lbs)	41-47 (30-35)	
Weight kg (lbs)	0.21 (0.46)	
Cavity	CA-10A-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 <sup>2</sup> /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	
(*) Order and a relation 10 meter	·	

(\*) Only external seals for 10 valves

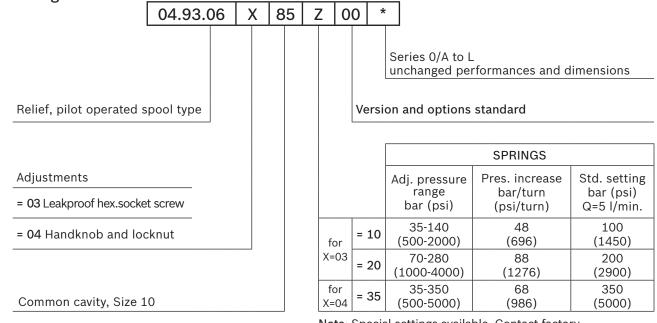
#### Dimensions

OPTION

Mat. no.

Handknob and locknut Ø38 (1.5) Leakproof hex. socket screw Tamper resistant cap Hex 4 (0.16) ordering code 11.04.23.002 R930000752 Hex 13 12-15 Nm Hex (0.51) (9-11) ft-Ib (2.9) 60 (2.36) 53 (2.09) 73.7 Hex 24 (0.95) 7/8-14 UNF-2A 46.5 (1.83) Ø 17.47 (0.69) 000 mm (Inches) Ø 15.87 (0.63)

### Ordering code



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

Туре	Material number	Туре	Material number
049306038510000	R901104112		
049306038520000	R901104113		
049306048535000	R930005676		

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Subject to change.