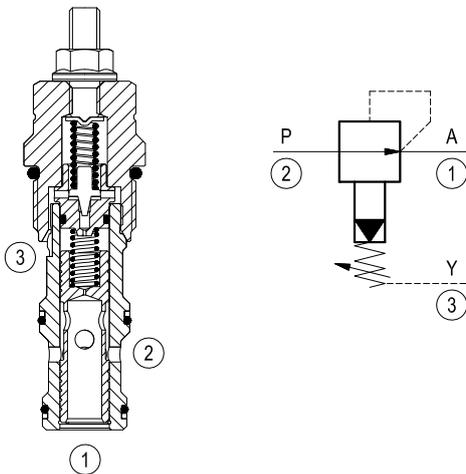


Pressure reducing, pilot operated spool type

Common cavity, Size 12

VRPP-12A

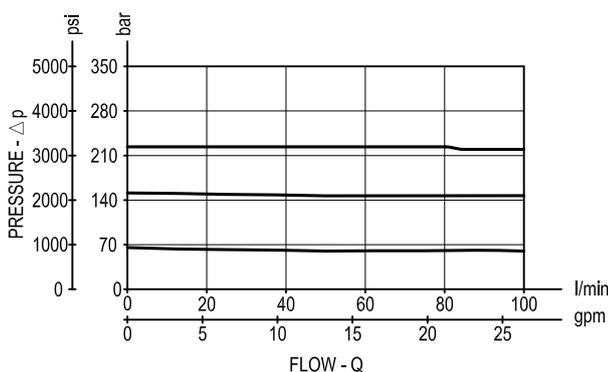
04.93.08 - X - 57 - Z



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.

Performance



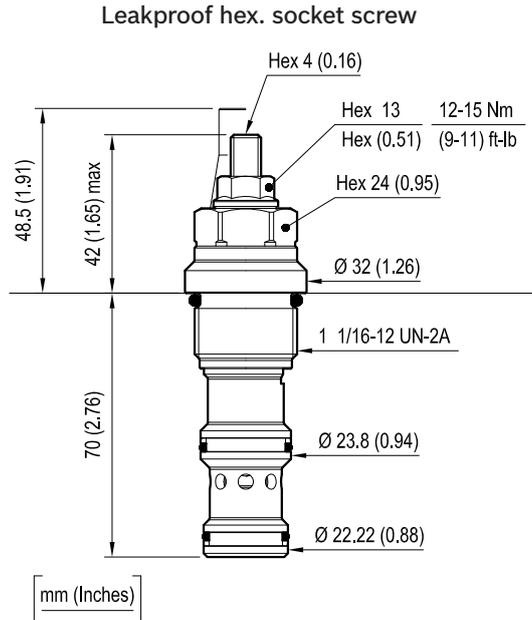
Technical data

Max. operating pressure port 2 (P)	bar (psi)	350 (5000)
Max. pressure admitted port 1 (A)	bar (psi)	280 (4000)
Max. flow	l/min. (gpm)	100 (26)
Standard internal pilot orifice diameter	mm	0.6
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	81-95 (60-70)
Weight	kg (lbs)	0.4 (0.88)
Cavity		CA-12A-3N see data sheet RE 18325-70
Seal kit (*)	code material no.	RG12A3010520100 R930000941
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

(*) Only external seals for 10 valves

Dimensions

OPTION
 Tamper resistant cap
 ordering code 11.04.23.002
 Mat. no. R930000752



Ordering code

04.93.08	X	57	Z	00	*
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Pressure reducing, pilot operated spool type

Adjustments
 = 03 Leakproof hex. socket screw

Common cavity, Size 12

Series O/A to L
 unchanged performances and dimensions

Version and options standard

	SPRINGS		
	Adj. press. range bar (psi)	Pressure increase bar/turn (psi/turn)	Std. setting bar (psi) (reduc. mode)
= 10	10-140 (145-2000)	48 (696)	100 (1450)
= 20	70-280 (1000-4000)	88 (1276)	200 (2900)
= 35	140-350 (2000-5000)	140 (2030)	280 (4000)

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

Type	Material number
049308035710000	R901109737
049308035720000	R901109738
049308035735000	R901109739

Type	Material number