

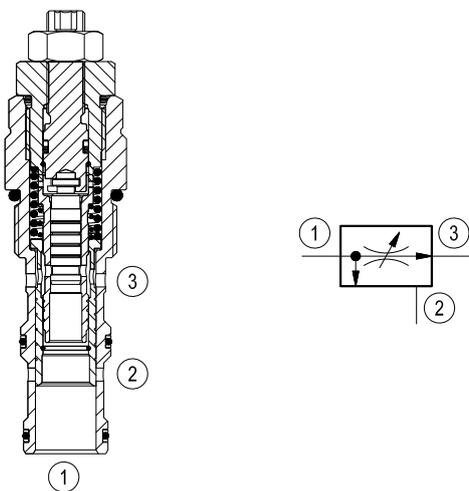
Flow control, 3-way pressure compensated, combination type fully adjustable

Common cavity, Size 12



VRFD-12A

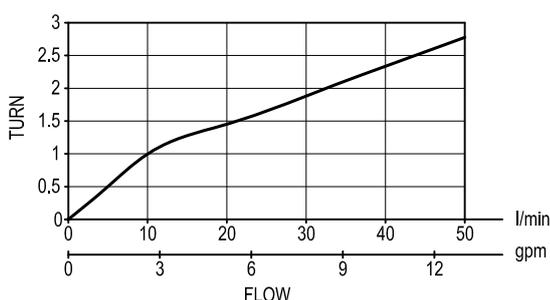
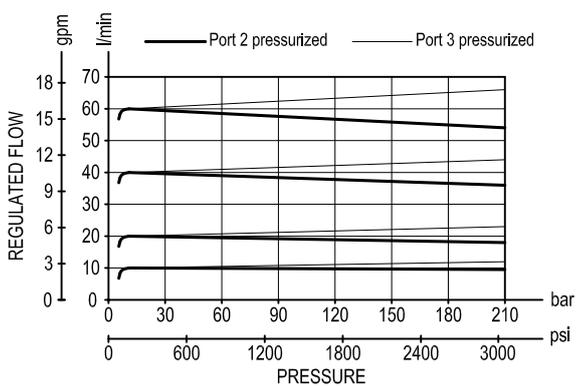
04.04.04 - X - 57 - Z



Description

A constant flow rate, regardless of system pressures, is established from 1 to 3 while a minimum pressure differential of 14 bar (200 psi) exists between the two ports. Input flow supplied to 1 in excess of the regulated output at 3 is by-passed to 2. Output flow can be varied from closed to the nominal maximum rating for the valve. Flow from 2 to 1 is not permitted.

Performance



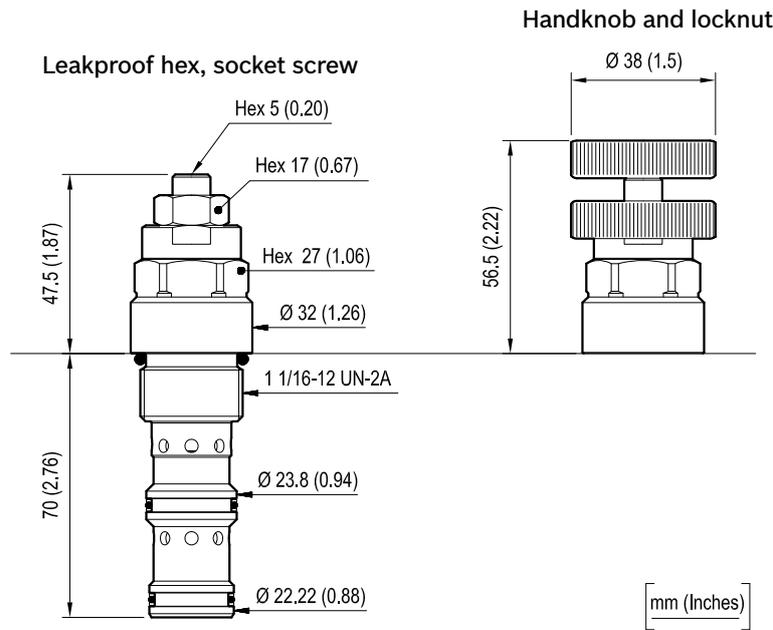
Technical data

Pressure min-max	bar (psi)	14-350 (200-5000)
Max. inlet flow	l/min. (gpm)	120 (32)
Flow range	l/min. (gpm)	See "Regulated flow range" table
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	81-95 (60-70)
Weight (*)	kg (lbs)	0.3 (0.66)
Cavity		CA-12A-3N see data sheet RE 18325-70
Seal kit (**)	code material no.	RG12A3010530100 R930001668
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

(*) Standard version X=03 type

(**) Only external seals for 10 valves

Dimensions



Ordering code

04.04.04	X	57	Z	00	*
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Flow control, 3-way pressure compensated, combination type fully adjustable

Adjustments

= 03 Leakproof hex. socket screw

= 04 Handknob and locknut

Common cavity, Size 12

Series O/A to L unchanged performances and dimensions

Version and options standard

Regulated flow range l/min. (gpm)	
= 50	2-50 (0.6-13.21)

Type	Material number
040404035750000	R930006092
040404045750000	R930006093

Type	Material number