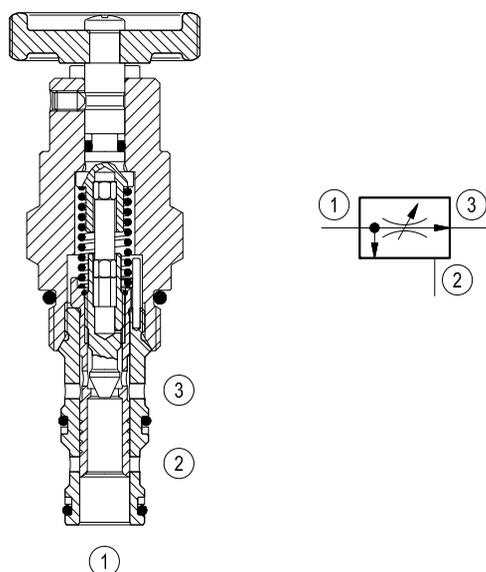


RE 18321-20/09.09 1/2
 Replaces: RE 00162-02/01.06

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

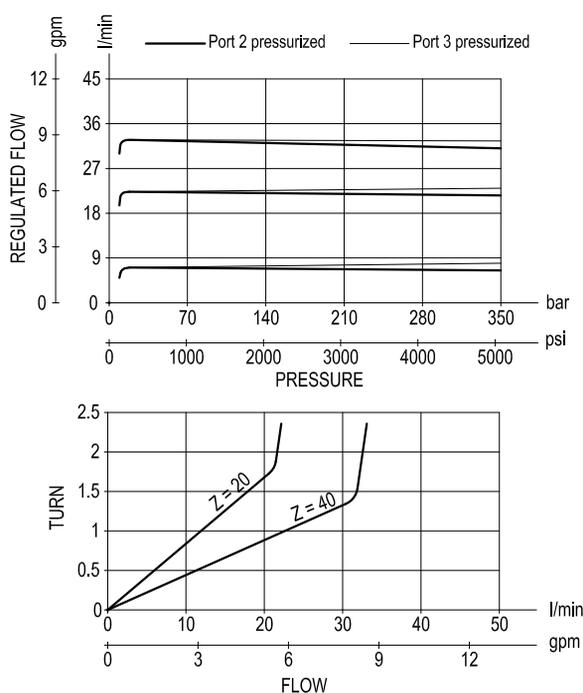
Common cavity, Size 10

VRFD-10A
04.04.02 - X - 85 - 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 3 to 1 is limited by the diameter of the selected control orifice and is not pressure compensated. Flow from 2 to 1 is not permitted.

Performance



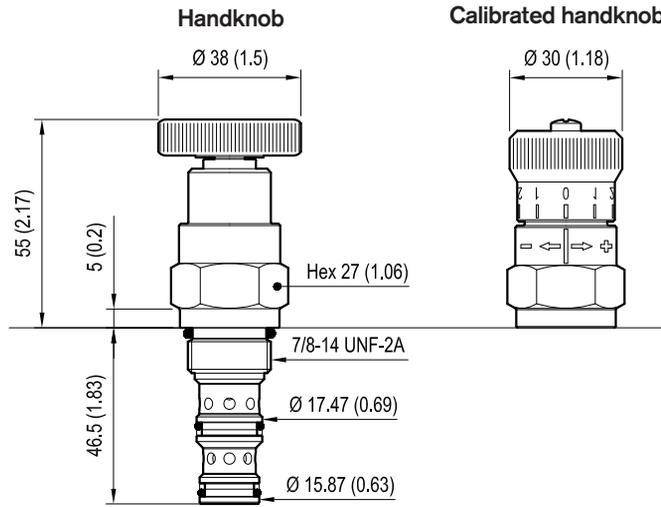
Technical data

Pressure min-max	bar (psi)	14-350 (200-5000)
Max. inlet flow	l/min. (gpm)	60 (16)
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)	41-47 (30-35)
Weight (*)	kg (lbs)	0.26 (0.57)
Cavity		CA-10A-3N see data sheet RE 18325-70
Line bodies		See data sheet RE 18325-85
Seal kit (**)	code material no.	RG10A3010520100 R901111369
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=04 type

(**) Only external seals for 10 valves

Dimensions



mm (Inches)

Ordering code

04.04.02	X	85	Z	00	*
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Flow control, 3-way pressure compensated, combination type fully adjustable

Adjustments

= 04 Handknob

= 40 Calibrated handknob

Common cavity, Size 10

Series 0/A to L
unchanged performances and dimensions

Version and options standard

	Regulated flow range l/min. (gpm)
= 20	0.1-20 (0.03-5.28)
= 40	0.2-30 (0.05-7.93)

Type	Material number
040402048520000	R901106674
040402048540000	R901106675
040402408520000	R901106672
040402408540000	R901106673

Type	Material number

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Subject to change.