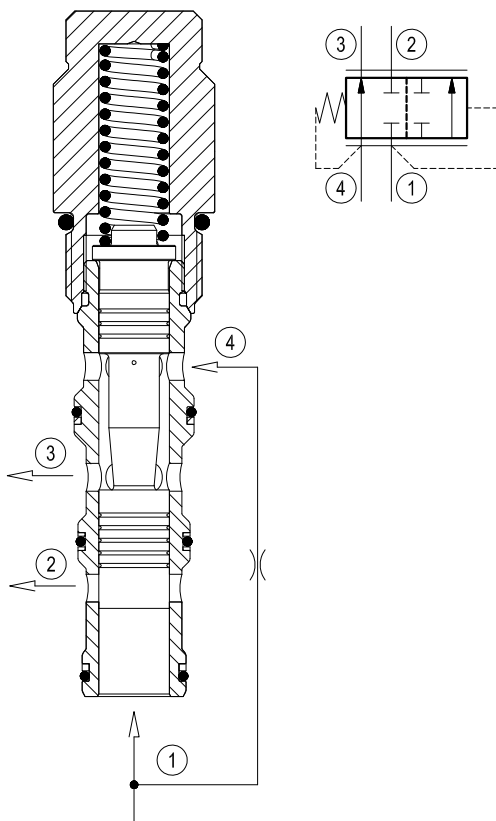


Logic element, pressure compensator combination type

Common cavity, Size 12

VCSQ-12A

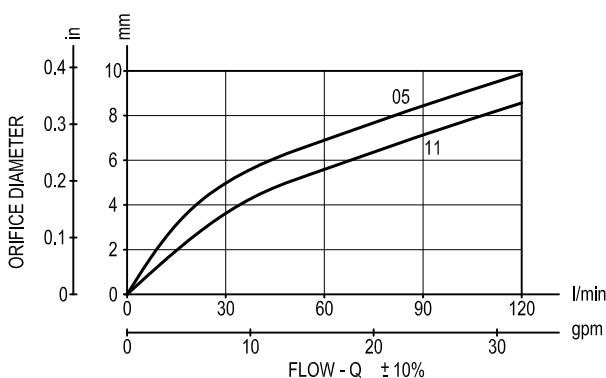
04.84.06 - X - 57 - Z



Description

Flow is normally allowed from 4 to 3. When pilot pressure at 1 rises above the combined pressure of the spring bias, plus pressure at 4, the valve shifts to block flow between 3 and 4, while diverting flow from 1 to 2. A constant pressure drop is maintained across a fixed (or variable) orifice upstream of 4 when installed and piloted per the diagram above. In this case, flow priority is given to 3, with flow in excess of the orifice differential requirement being by-passed to 2.

Performance

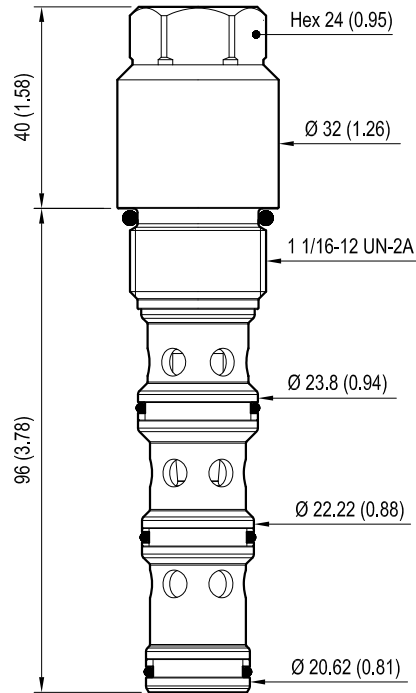


Technical data

Max. operating pressure	bar (psi)	350 (5000)
Max. intel flow	l/min. (gpm)	120 (32)
Max. priority flow	l/min. (gpm)	80 (21)
Flow maintenance		±10%
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-4N see data sheet RE 18325-70
Seal kit (*)	code material no.	RG12A4010530100 R930001660
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

(*) Only external seals for 10 valves

Dimensions



mm (Inches)

Ordering code

04.84.06	X	57	Z	00	*
----------	---	----	---	----	---

Logic element, pressure compensator combination type

Adjustments

= 00 Fixed setting

Common cavity, Size 12

Series 0/A to L
unchanged performances and dimensions

Version and options standard

SPRINGS	
	Bias spring bar (psi)
= 05	5.5 (80) ±20%
= 11	10.5 (152) ±15%

Type	Material number
048406005705000	R901109889
048406005711000	R930001073

Type	Material number