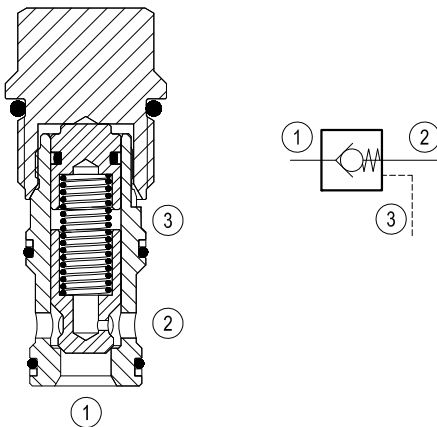


Pilot operated check, pilot to close

Common cavity, Size 12

VUPC-12A

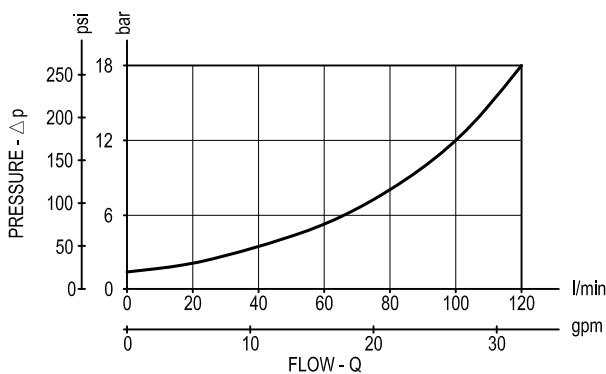
04.34.04- X - 57 - Z



Description

When pressure at 1 rises above the spring bias pressure, the poppet is lifted and flow allowed from 1 to 2. The valve is closed (checked) from 2 to 1. When sufficient pilot pressure is present at port 3, the pilot piston acts to hold the poppet on its seat and flow is blocked from 1 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

Performance

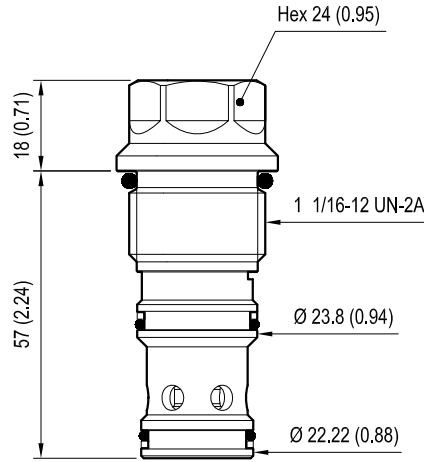


Technical data

Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	120 (32)
Pilot ratio		2:1
Max. internal leakage	drops/min.	5
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	81-95 (60-70)
Weight	kg (lbs)	0.25 (0.55)
Cavity		CA-12A-3C see data sheet RE 18325-70
Seal kit (*)	code material no.	RG12A9010520100 R901111379
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 5 to 800 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

04.34.04	X	57	Z	00	*
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Pilot operated check, pilot to close

O-Ring on pilot piston
= 10 With O-Ring

Common cavity, Size 12

Series 0/A to L
unchanged performances and dimensions

Version and options standard

SPRINGS	
Cracking pressure bar (psi)	
= 00	1 (15)
= 05	5 (72)

Type	Material number
043404105700000	R901106642
043404105705000	R901161977

Type	Material number