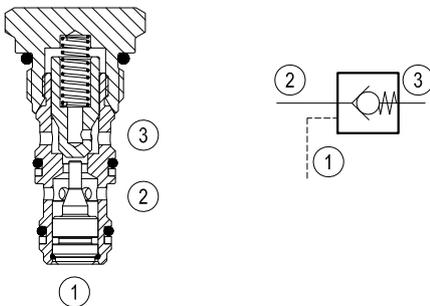


Pilot operated check, pilot to open

Common cavity, Size 08

VSOA-08A

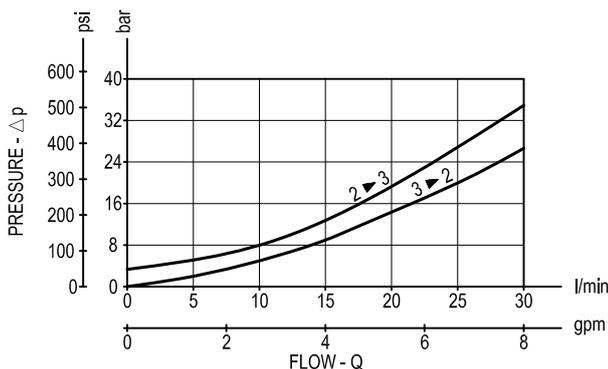
04.33.10 - X - 56 - Z



Description

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

Performance

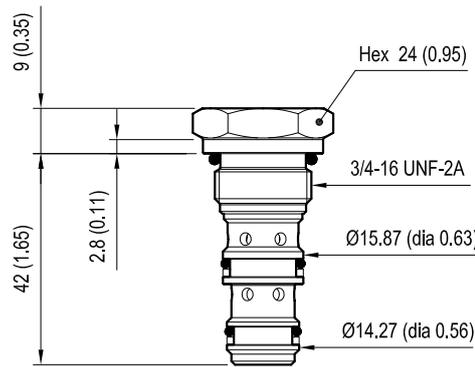


Technical data

Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	30 (8)
Pilot ratio		3.2:1
Max. internal leakage	drops/min.	5
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	40-45 (29-33)
Weight	kg (lbs)	0.08 (0.18)
Cavity		CA-08A-3N see data sheet RE 18325-70
Seal kit (*)	code material no.	RG08A3010520100 R930000861
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

04.33.10	X	56	Z	00	*
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Pilot operated check, pilot to open

O-Ring on pilot piston

= 00 No O-Ring

= 10 With O-Ring (available only for Z=05)

Common cavity, Size 08

Series 0/A to L
unchanged performances and dimensions

Version and options standard

SPRINGS	
Cracking pressure bar (psi)	
= 00	1 (15)
= 05	5 (73)

Type	Material number
043310005600000	R930000836
043310005605000	R930000846
043310105605000	R930000847

Type	Material number