

Pilot operated check,
pilot to close
Common cavity, Size 12

VUPC-12A

04.34.04 - X - 57 - Z

RE 18319-37

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Replaces: 09.2009



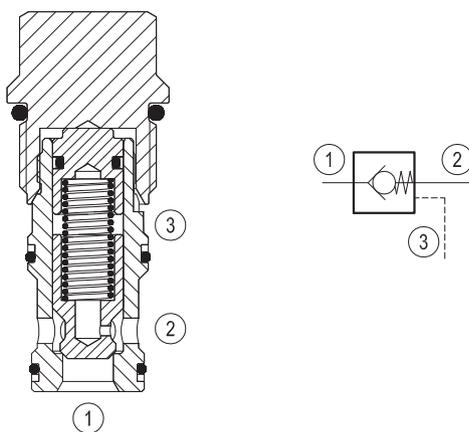
Technical data

Max. operating pressure	350 bar (5000 psi)
Max. flow	120 l/min. (32 gpm)
Pilot ratio	2:1
Max. internal leakage	5 drops/min.
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	81 - 95 Nm (60 - 70 ft-lbs)
Weight	0.25 kg (0.55 lbs)
Cavity	CA-12A-3C (see data sheet 18325-70)
MTTFd	150 years see data sheet 18350-51
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ¹⁾	Code: RG12A9010520100 material no: R901111379
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 5 to 800 mm ² /s (cSt)
Recommended degree of fluid contamination	Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14
Installation position	No restrictions
Other Technical Data	See data sheet 18350-50

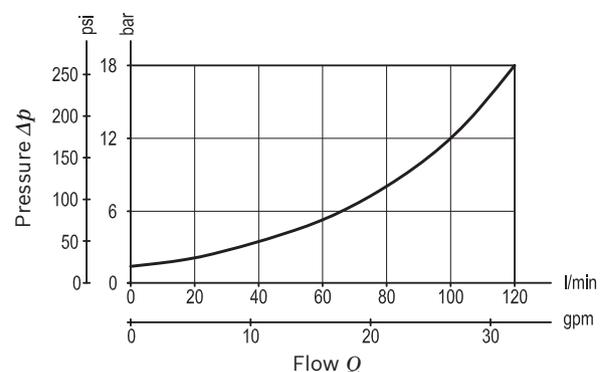
Description

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.

1) Only external seals for 10 valves



Characteristic curve



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

57 Common cavity, Size 12

Series 0/A to L
unchanged performances and dimensions

Version and options standard

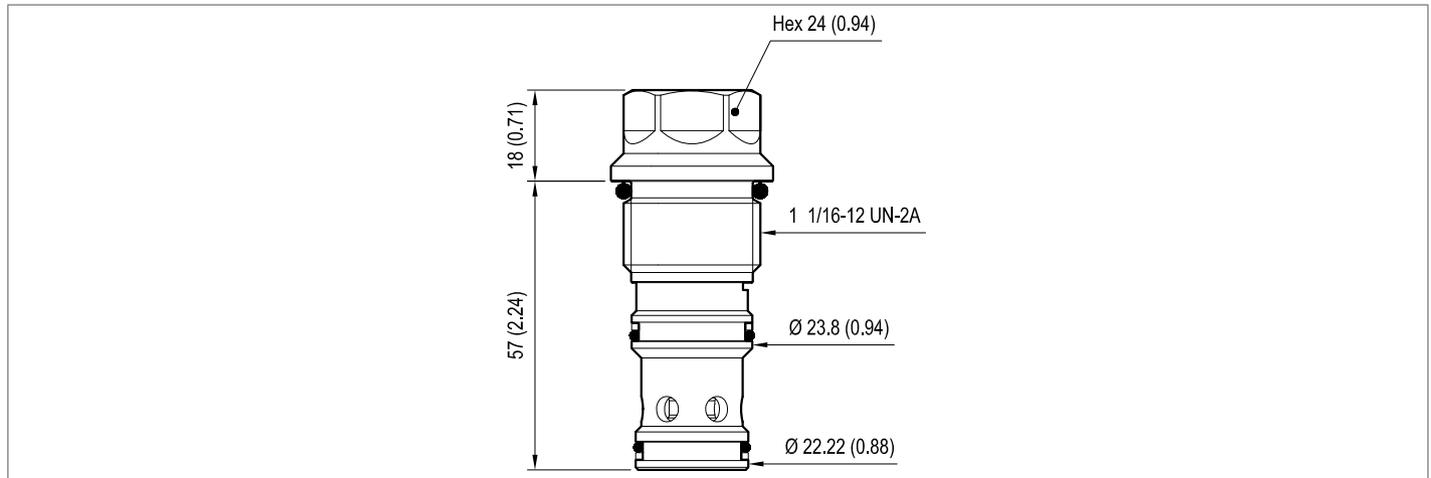
SPRINGS	
Cracking pressure bar (psi)	
00	1 (15)
05	5 (72)

Preferred types

Type	Material number
043404105700000	R901106642
043404105705000	R901161977

Type	Material number

Dimensions



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