# Rexroth Bosch Group

RE 18319-37/09.09 1/2 Replaces: RE 00162-02/01.06

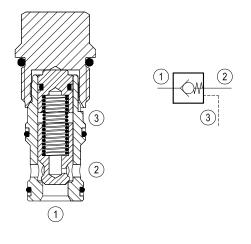
# Pilot operated check, pilot to close

Common cavity, Size 12

VUPC-12A

04.34.04- X - 57 - Z

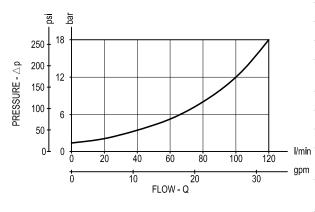




## Description

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

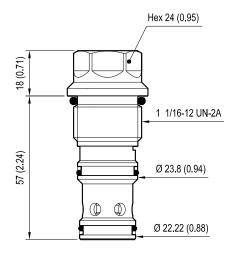


#### Technical data

Max. operating press	sure bar (psi)	350 (5000)
Max. flow	I/min. (gpm)	120 (32)
Pilot ratio		2:1
Max. internal leakage	drops/min.	5
Fluid temperature ra	inge °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.	
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 5 to 800 mm²/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 se	als for 10 valve	26

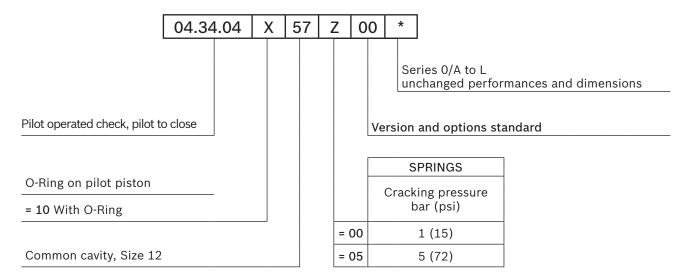
(\*) Only external seals for 10 valves

#### **Dimensions**



mm (Inches)

## Ordering code



Туре	Material number
043404105700000	R901106642
043404105705000	R901161977

Туре	Material number

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Subject to change.