

RE 18319-39/09.09

1/2

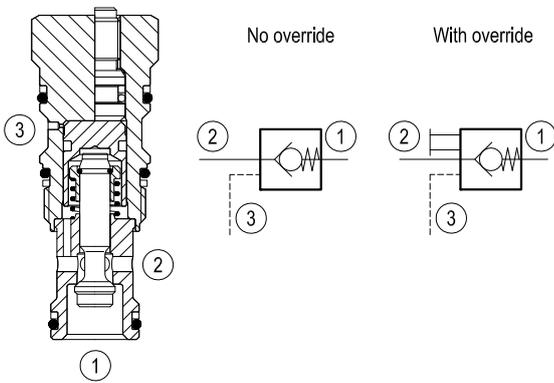
Replaces: RE 00162-02/01.06

# Pilot operated check, pilot to open

SUN cavity interchange, T-11A

VSON-08U

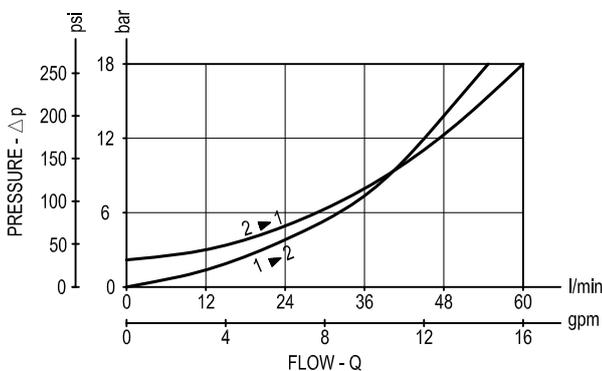
04.33.06 - X - 20 - Z



## 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 1. The valve is normally closed (checked) from 1 to 2. When sufficient pilot pressure is present at port 3, the pilot piston acts to push the poppet from its seat and flow is allowed from 1 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition. Available with "manual override" option.

## Performance

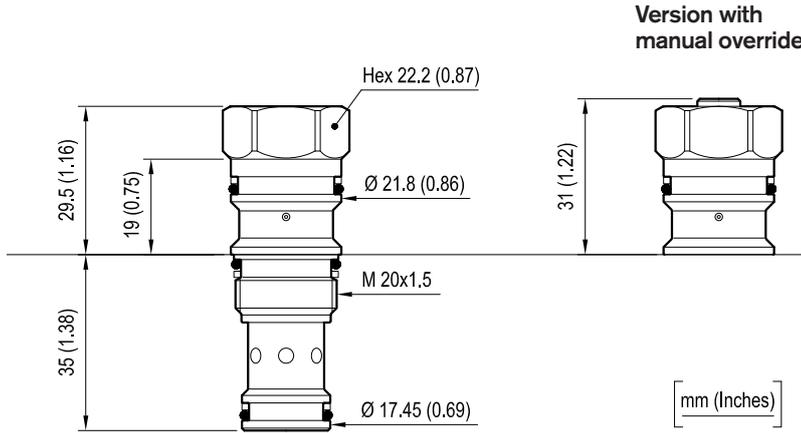


## Technical data

Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	60 (16)
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)	40-50 (30-37)
Weight	kg (lbs)	0.12 (0.27)
Cavity		SUN T-11A
Seal kit (*)	code material no.	RG08U9020110100 R901193388
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 5 to 800 mm <sup>2</sup> /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**



**Ordering code**

04.33.06	X	20	Z	00	*
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Series 0/A to L  
unchanged performances and dimensions

Pilot operated check, pilot to open

**Version and options standard**

Options

= 00 No O-Ring, no manual override

= 10 With O-Ring, no manual override

= 01 No O-Ring, with manual override

= 11 With O-Ring, with manual override

SUN cavity Interchange, SUN T-11A

**SPRINGS**

Cracking pressure  
bar (psi)

= 00 2 (30)

Type	Material number
04330600200000A	R901106637
04330610200000A	R901104068
043306012000000	R930005647
043306112000000	R930001975

Type	Material number