

Check, poppet type

Special cavity, 690

VU-N-38

04.31.19.00.99 - Z

RE 18318-99

Edition: 01.2019

Replaces: 03.2016



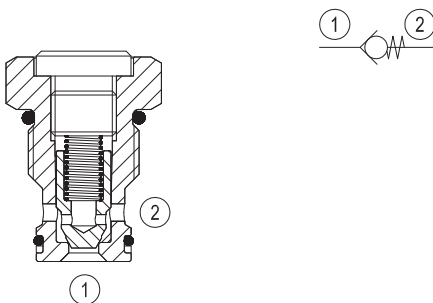
Description

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. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

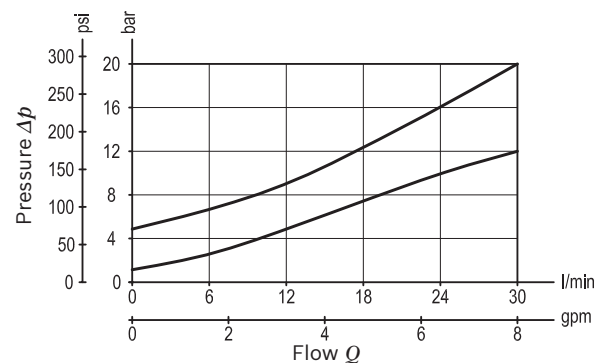
Technical data

Max. operating pressure	350 bar (5000 psi)
Max. flow	30 l/min (8 gpm)
Max. internal leakage	5 drops/min.
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	78 - 85 Nm (56 - 63 ft-lbs)
Weight	0.1 kg (0.22 lbs)
Special cavity	690 (see data sheet 18325-75)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ¹⁾	Code: RG0690010520100 material no: R930001702
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 20/18/15
Installation position	No restrictions
Other Technical Data	See data sheet 18350-50

1) Only external seals for 10 valves



Characteristic curve



Ordering code

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Series 0/A to L
unchanged performances and dimensions

Version and options standard

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SPRINGS

Cracking pressure
bar (psi)

00

1 (15)

01

4.5 (65)

Preferred types

Type	Material number
043119009900000	R930000456
043119009901000	R930000457

Type	Material number

Dimensions

