

Check, poppet reverse type

Special cavity, FK

VUR3-32-FK

VUR3-FK

**RE 18319-05**

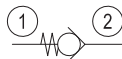
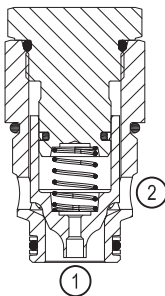
Edition: 05.2022

Replaces: 02.2020



### Description

When pressure at 2 rises above the spring bias pressure, the poppet is lifted and flow allowed from 2 to 1. The valve is closed (checked) from 1 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

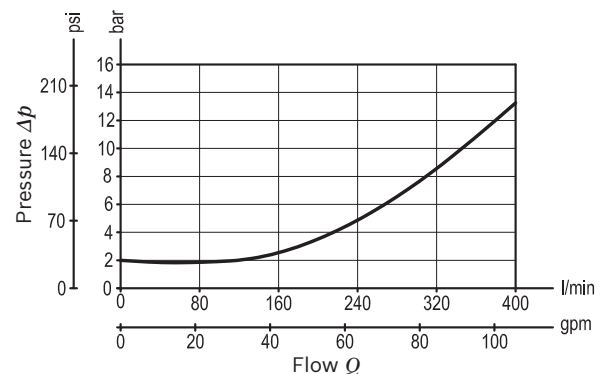


### Technical data

Max. operating pressure	450 bar (6500 psi)
Max. flow	400 l/min (106 gpm)
Max. internal leakage	5 drops/min.
Fluid temperature range	-20 to 120 °C (-4 to 248 °F) (Viton)
Installation torque <sup>1)</sup>	150 Nm (111 ft-lbs)
Weight	0.36 kg (0.79 lbs)
MTTFD	150 years see RE 18350-51
Special cavity	FK (see data sheet 18325-75)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit (Viton)	Code: RG32R2040540100 material no: R930077563
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 380 mm <sup>2</sup> /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
Without surface protection	In case of need of surface protection, please consult factory.

<sup>1)</sup> Torque valve valid for installation in cast iron and steel manifolds.  
In case of different body materials, please consult factory.

### Characteristic curve



Ordering code

VUR3.400.FK	
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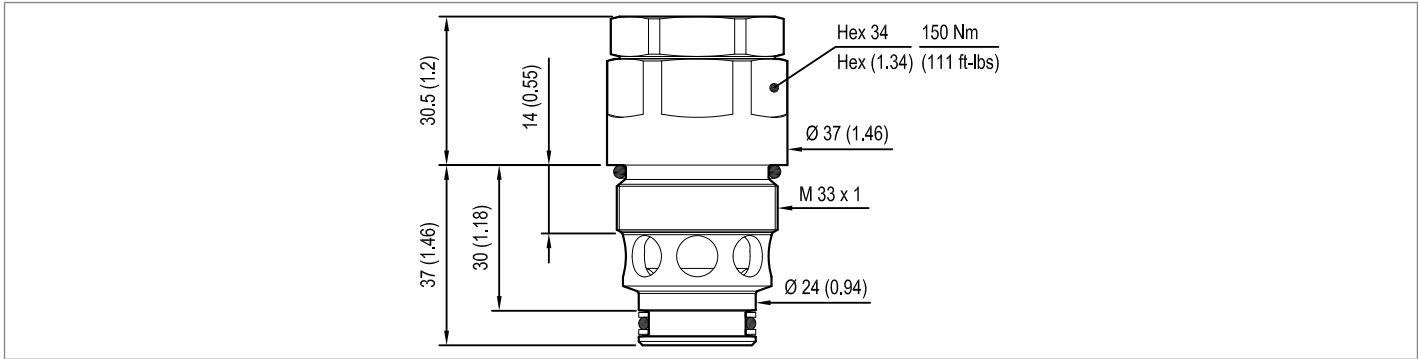
	SPRINGS	O-RING
	Cracking pressure bar (psi)	Material
010	1 (14.5)	Viton (FKM)

Preferred types

Type	Material number
VUR3.400.FK.010	R930072649

Type	Material number

Dimensions



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