

Check, poppet reverse type

Special cavity, FK

VUR3-32-FK

VUR3-FK

RE 18319-05

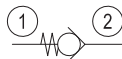
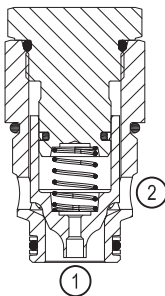
Edition: 07.2023

Replaces: 05.2022



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.



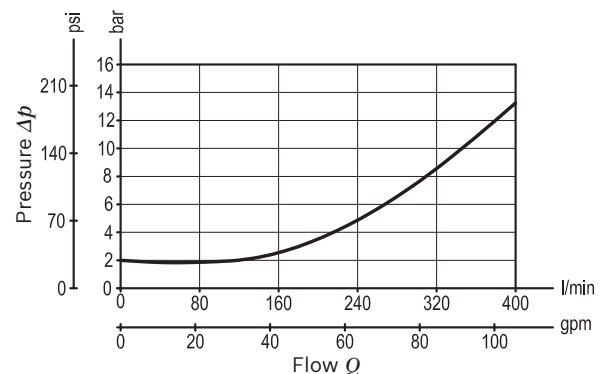
Technical data

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 ¹⁾	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) ²⁾	Code: RG32R2040540100 material no: R930077563
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 380 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
Without surface protection	In case of need of surface protection, please consult factory.

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

2) Only external seals for 10 valves.

Characteristic curve



Ordering code

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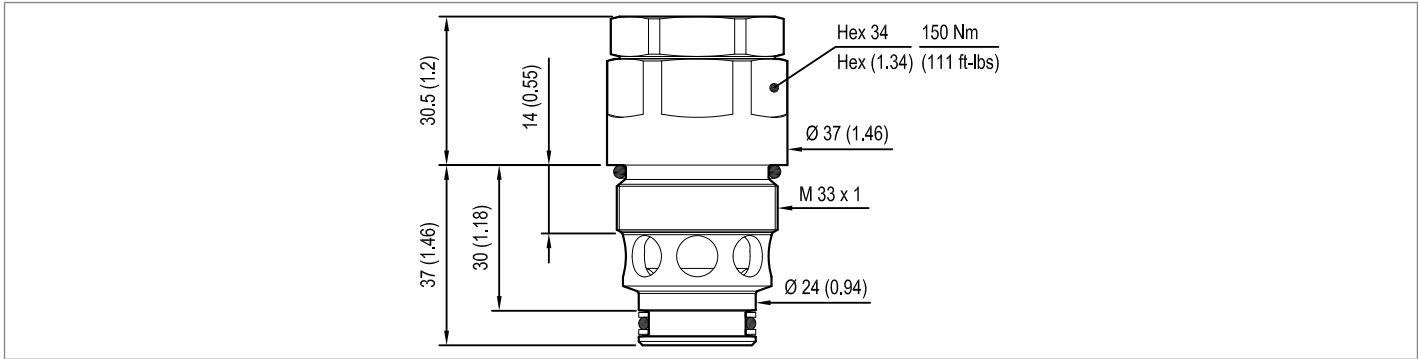
010	SPRINGS	O-RING
	Cracking pressure bar (psi)	Material
	1 (14.5)	Viton (FKM)

Preferred types

Type	Material number
VUR3.400.FK.010	R930072649

Type	Material number

Dimensions



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