

Check, poppet reverse type

Common cavity, Size 12

VURN-12A

04.31.36.00.57 - Z

RE 18318-98

Edition: 03.2023

Replaces: 03.2016



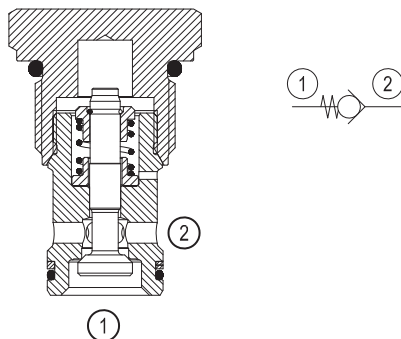
Description

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 closed (checked) from 1 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

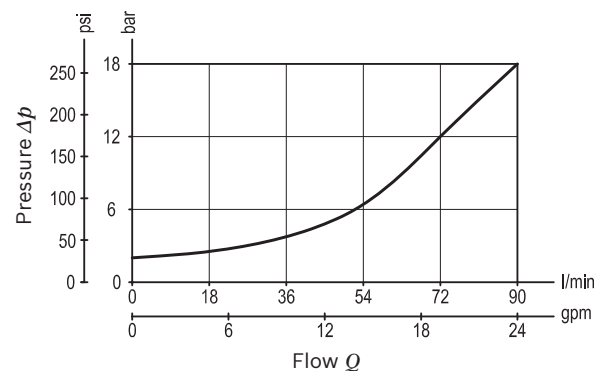
Technical data

Max. operating pressure	350 bar (5000 psi)
Max. flow	90 l/min (24 gpm)
Max. internal leakage	5 drops/min.
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	180 - 200 Nm (133 - 148 ft-lbs)
Weight	0.2 kg (0.44 lbs)
Cavity	CA-12A-2N (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ¹⁾	Code: RG12A2010520100 material no: R901111377
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 19/17/14
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

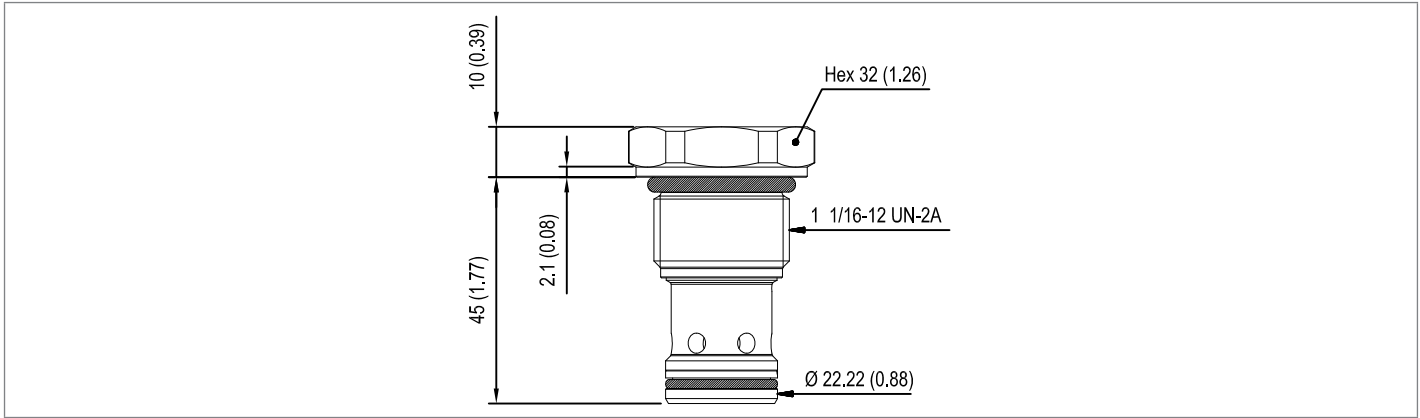
	SPRINGS
	Cracking pressure bar (psi)
02	2 (30)

57 Common cavity, Size 12

Preferred types

Type	Material number	Type	Material number
043136005702000	R930000502		

Dimensions



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