

Check, poppet reverse type

Common cavity, Size 08

VURN-08A

04.31.21.00.56 - Z

RE 18318-96

Edition: 06.2025

Replaces: 03.2016



Description

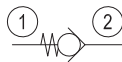
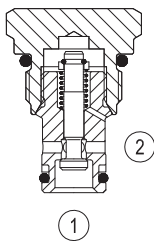
When pressure at 2 rises above the spring bias pressure, the poppet is pushed from its seat and flow is allowed from 2 to 1. The valve is closed (checked) from 1 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

Technical data

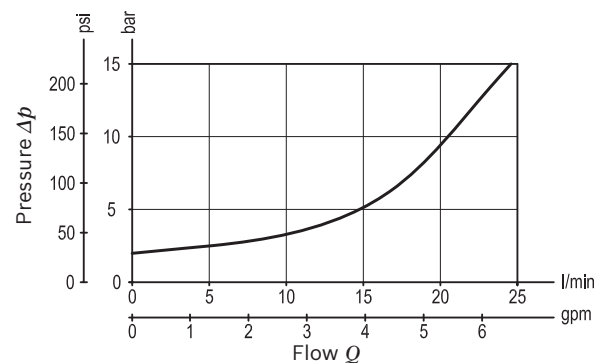
Max. operating pressure	420 bar (6000 psi)
Max. flow	25 l/min (7 gpm)
Max. internal leakage	5 drops/min.
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque ²⁾	54 - 61 Nm (40 - 45 ft-lbs)
Weight	0.13 kg (0.29 lbs)
Cavity	CA-08A-2N (see data sheet 18325-70)
MTTFD	150 years see RE 18350-51
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ¹⁾	Code: RG08A2010520100 material no: R901101437
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 Torque values

2) Torque value referred to steel manifolds



Characteristic curve



Ordering code

04.31.21.00	56	Z	00	*
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Series 0/A to L
unchanged performances and dimensions

Check, poppet reverse type

Version and options standard

56 Common cavity, Size 08

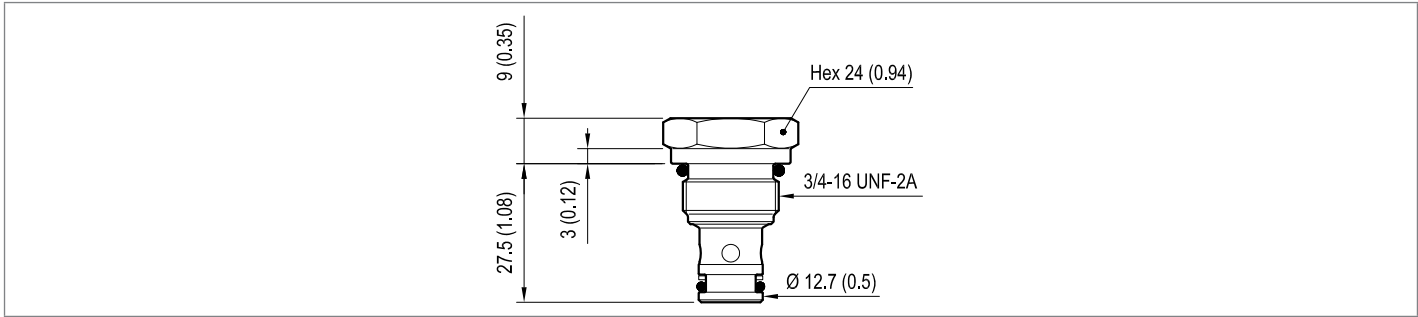
SPRINGS	
Cracking pressure bar (psi)	
02	2 (30)
00	0.35 (5.1)

Preferred types

Type	Material number
043121005602000	R901106619
043121005600000	R930005095

Type	Material number

Dimensions



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