

Check, poppet type

Common cavity, Size 20

VUCN-20A

04.31.32.00.58 - Z

RE 18318-93

Edition: 03.2022

Replaces: 01.2019



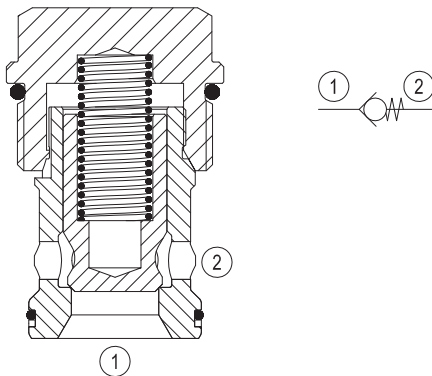
Description

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.

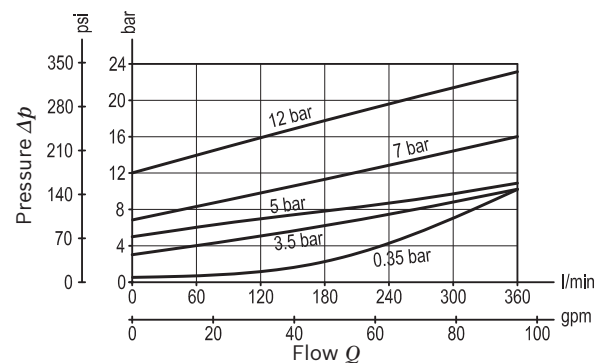
Technical data

Max. operating pressure	350 bar (5000 psi)
Max. flow	360 l/min (95 gpm)
Max. internal leakage	5 drops/min.
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	128 - 149 Nm (95 - 110 ft-lbs)
Weight	0.38 kg (0.84 lbs)
Cavity	CA-20A-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: RG20A2010520100 material no: R930005602
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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Version and options standard

Series 0/A to L
unchanged performances and dimensions

58 Common cavity, Size 20

SPRINGS	
Cracking pressure bar (psi)	
00	0.35 (5)
01	1 (15)
03	3.5 (51)
05	5 (72.5)
07	7 (102)
12	12 (174)

Preferred types

Type	Material number
043132005800000	R901109780
043132005801000	R930053499
043132005803000	R901109781
043132005807000	R901109783

Type	Material number
043132005812000	R930000319
043132005805000	R930062509

Dimensions

