

Dual pilot operated check, pilot to open Common cavity, Size 10

VSOD-10A

04.36.03 - X - 85 - Z

RE 18319-38

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Replaces: 01.2010



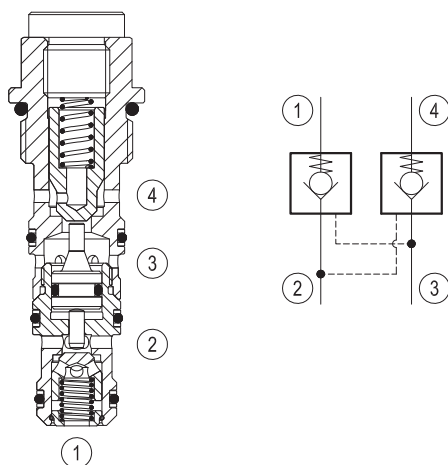
Description

When pressure at port 2 or port 3 rises above the spring bias pressure, the poppet is pushed from its seat and flow is allowed from 2 to 1 or 3 to 4. The valve is normally closed (checked) from 1 to 2 and from 4 to 3. When sufficient pilot pressure is present at port 3 or port 2, the pilot piston acts to push the poppet from its seat and flow is allowed from 1 to 2 or from 4 to 3. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

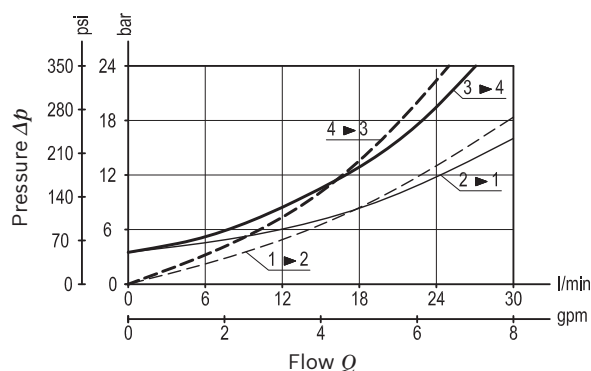
Technical data

Max. operating pressure	350 bar (5000 psi)
Max. flow	30 l/min. (8 gpm)
Pilot ratio	3:1
Max. internal leakage	5 drops/min.
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	41 - 47 Nm (30 - 35 ft-lbs)
Weight	0.14 kg (0.31 lbs)
Cavity	CA-10A-4N (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit ¹⁾	Code: RG10A4010530100 material no: R901111373
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



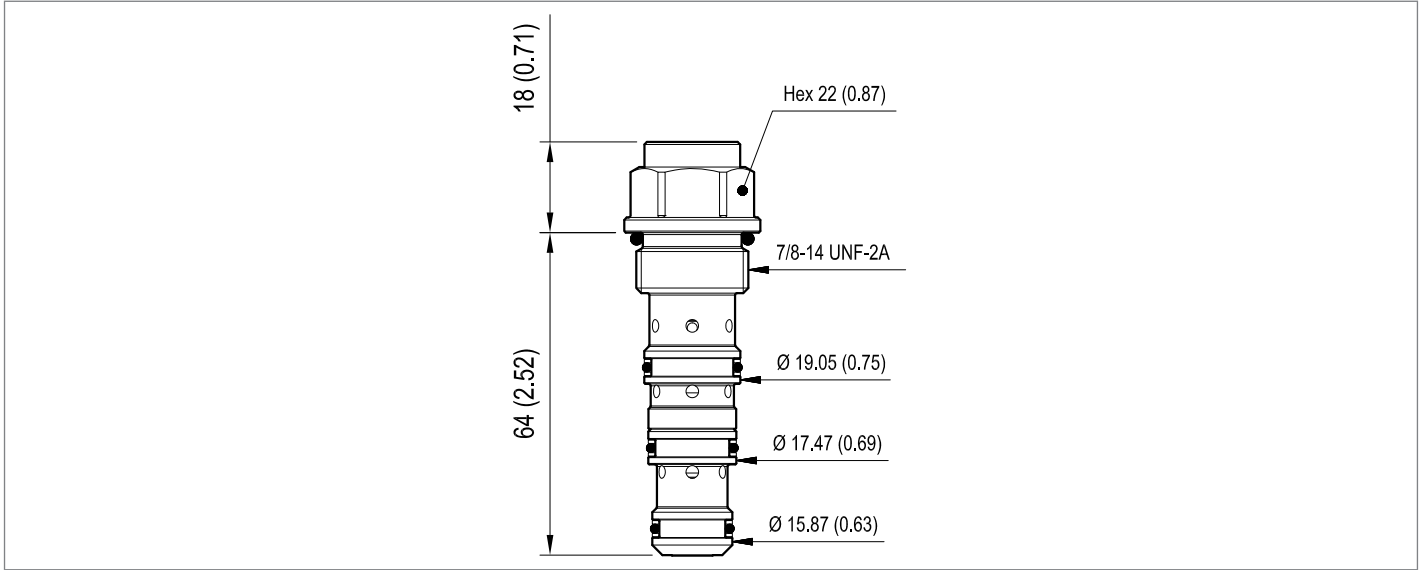
Ordering code

Ordering code		04.36.03	X	85	Z	00	*
Dual pilot operated check, pilot to open						Series 0/A to L unchanged performances and dimensions	
						Version and options standard	
O-Ring on pilot piston						SPRINGS	
						Cracking pressure bar (psi)	
00 No O-Ring						03 3.5 (51)	
10 With O-Ring							
85 Common cavity, Size 10							

Preferred types

Type	Material number	Type	Material number
043603008503000	R930000016		
043603108503000	R930000015		

Dimensions



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