

HYDRAULICKÉ SYSTÉMY





UKŁADY HYDRAULICZNE

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

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

VSOA-10A

04.33.10 - X - 85 - Z

RE 18319-35

Edition: 05.2021 Replaces: 09.2019

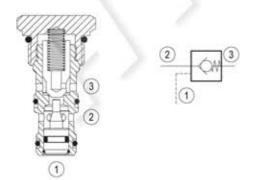


## Description

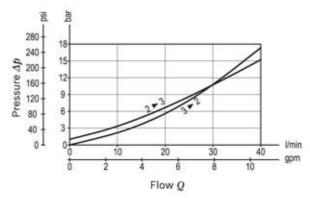
When pressure at 2 rises above the spring bias pressure, the poppet is pushed from its seat and flow is allowed from 2 to 3. The valve is normally closed (checked) from 3 to 2. When sufficient pilot pressure is present at port 1, the pilot piston acts to push the poppet from its seat and flow is allowed from 3 to 2. Precision machining and hardening processes allow virtually leak-free performance in the checked condition. In case of valve application in redundancy systems it is especially recommended to use version with sealed pilot piston.

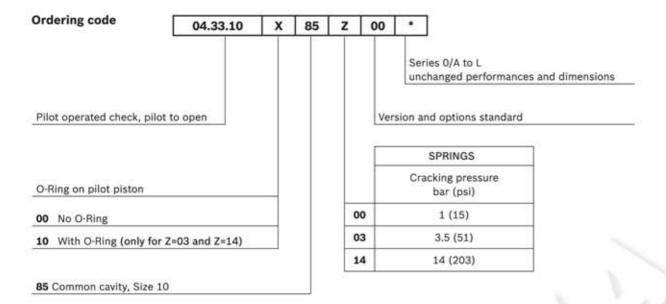
Technical data	
Max. operating pressure	350 bar (5000 psi)
Max. flow	40 I/min. (11 gpm)
Pilot ratio	3:1
Max. internal leakage	5 drops/min.
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	41 - 47 Nm (30 - 35 ft-lbs)
Weight	0.11 kg (0.24 lbs)
Cavity	CA-10A-3N (see data sheet 18325-70)
Lines bodies and standard assemblies	Please refer to section "Hydraulic integrated circuit" or consult factory
Seal kit <sup>1)</sup>	Code: RG10A3010530100
	material no: R930000990
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 5 to 800 mm <sup>2</sup> /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

<sup>1)</sup> Only external seals for 10 valves



## Characteristic curve





## Preferred types

Туре	Material number	
043310008500000	R901117416	
043310008503000	R901117420	
043310008514000	R930000988	

Туре	Material number	
043310108503000	R901117421	
043310108514000	R930000989	

## **Dimensions**

