

Directional spool type, direct acting,
external pilot internal drain
Common cavity, Size 10

VDSK-10A

04.77.26 - X - 85 - Z

RE 18320-76

Edition: 03.2016

Replaces: 10.2009



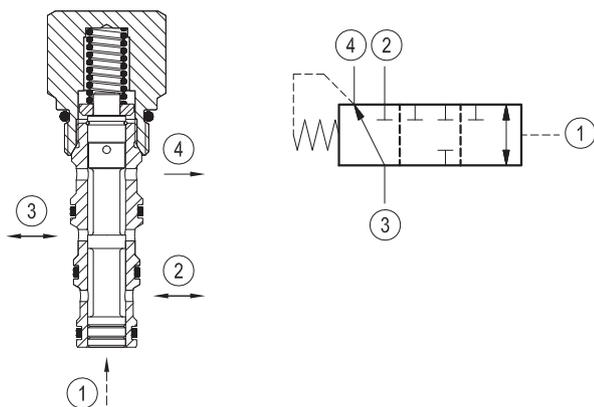
Technical data

Max. operating pressure	350 bar (5000 psi)
Max. flow	40 l/min. (11 gpm)
Max. internal leakage ¹⁾	50 cm ³ /min. (3 cu.in./min.)
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	41 - 47 Nm (30 - 35 ft-lbs)
Weight	0.2 kg (0.44 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 ²⁾	Code: RG10A4010530100 material no: R901111373
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 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

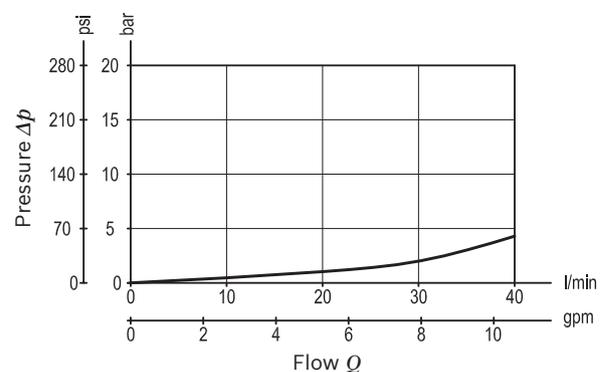
Description

Flow is allowed from 3 to 4 and blocked at 2 until pressure at 1 rises to overcome the spring bias against the spool. When this bias pressure is surpassed, the spool shifts, allowing bi-directional flow between 2 and 3 while blocking 4. The spring chamber is drained to 4, thus any pressure at 4 is additive to the spring bias and pilot pressure required for shifting.

- 1) Measured at 200 bar (2900 psi)
- 2) Only external seals for 10 valves



Characteristic curve



Ordering code

04.77.26	X	85	Z	00	*
-----------------	----------	-----------	----------	-----------	----------

Directional spool type, direct acting
external pilot internal drain

Series 0/A to L
unchanged performances and dimensions

Version and options standard

Adjustments

00 Fixed setting

SPRINGS	
Std. setting bar (psi)	
05	5.5 (80) ± 20%
11	11.5 (167) ± 10%

85 Common cavity, Size 10

Preferred types

Type	Material number
047726008505000	R901109486
047726008511000	R901109487

Type	Material number

Dimensions

