

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



Description

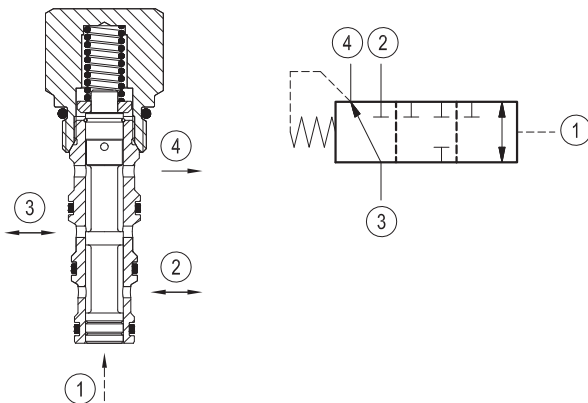
Flow is allowed from 3 to 4 and blocked at 2 until pressure at 1 rises to overcome the spring bias against the spool. When this bias pressure is surpassed, the spool shifts, allowing bi-directional flow between 2 and 3 while blocking 4. The spring chamber is drained to 4, thus any pressure at 4 is additive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

Technical data

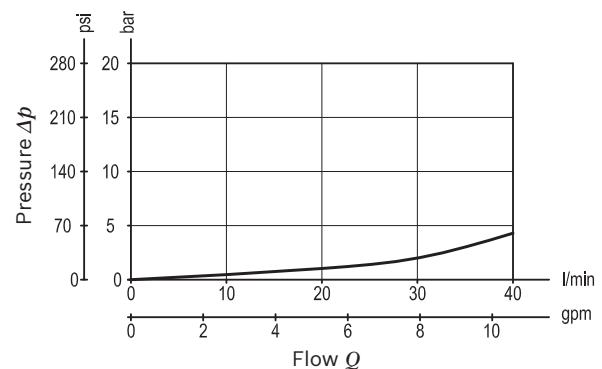
Max. operating pressure	350 bar (5000 psi)
Max. flow	40 l/min. (11 gpm)
Max. internal leakage ¹⁾	50 cm ³ /min. (3 cu.in./min.)
Fluid temperature range	-30 to 100 °C (-22 to 212 °F)
Installation torque	41 - 47 Nm (30 - 35 ft-lbs)
Weight	0.2 kg (0.44 lbs)
Cavity	CA-10A-4N (see data sheet 18325-70)
Lines 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

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	*
----------	---	----	---	----	---

Series 0/A to L
unchanged performances and dimensions

Version and options standard

Directional spool type, direct acting
external pilot internal drain

Adjustments

00 Fixed setting

85 Common cavity, Size 10

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

Preferred types

Type	Material number
047726008505000	R901109486
047726008511000	R901109487

Type	Material number

Dimensions

