

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

VDSC-10A



Description

Flow is blocked bi-directionally at 2 and 3 until pressure at 1 rises to overcome the spring bias against the spool. When this bias pressure is surpassed, the spool shifts, allowing flow from 2 to 3, or 3 to 2. The spring chamber is sealed and vented to atmosphere, allowing consistent shifting with only spring bias pressure independent of conditions at 2 or 3.

04.77.21 - X - 85 - Z

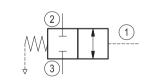
RE 18320-77

Edition: 03.2016 Replaces: 01.2010

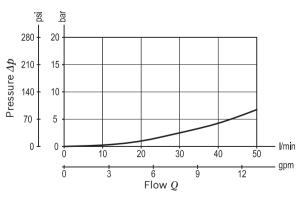
350 bar (5000 psi)		
50 l/min. (13 gpm)		
50 cm ³ /min. (3 cu.in./min.)		
0.28 cm ³ (0.02 cu.in.)		
-30 to 100 °C (-22 to 212 °F)		
41 - 47 Nm (30 - 35 ft-lbs)		
0.2 kg (0.44 lbs)		
CA-10A-3N (see data sheet 18325-70)		
Please refer to section "Hydraulic integrated circuit" or consult factory		
Code: RG10A3010530100		
material no: R930000990		
Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm²/s (cSt)		
Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14		
No restrictions		
See data sheet 18350-50		

1) Measured at 200 bar (2900 psi)

2) Only external seals for 10 valves



Characteristic curve

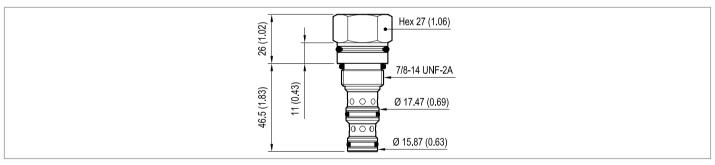


Ordering code	04.77.21	x	85	z	00	*]
Directional spool type, direc	at acting						es 0/A to L hanged performances and dimensions
external pilot external vent					Ve	rsion a	nd options standard
						SP	RINGS
O-Ring on pilot piston						Std	. setting
00 No O-Ring						bar (p	osi) ± 20%
10 With O-Ring					05	5.	5 (80)
				:	11	11.	5 (167)
85 Common cavity, Size 10							

Preferred types

Туре	Material number	Туре	Material number
047721008505000	R901109490		
047721008511000	R901109491		
047721108505000	R901109950		
047721108511000	R901109951		

Dimensions



Bosch Rexroth Oil Control S.p.A.

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