

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

VDSA-10A



Description

Flow is blocked from 2 to 3 until the pressure at 1 rises to the selected spring setting. Upon reaching this pressure, the spool shifts upward, allowing flow from 2 to 3 until pressure at 1 drops below the set point. The spring chamber is drained to 3, thus any pressure at 3 is additive to the spring setting. 04.77.32 - X - 85 - Z

RE 18320-83

Edition: 03.2017 Replaces: 03.2016

350 bar (5000 psi)
50 l/min. (13 gpm)
120 cm ³ /min. (7 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)
0.22 kg (0.49 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 mm ² /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	04.77.32	X	85	z	00) *	
Directional spool type, direc external pilot internal drain	ct acting					u	eries 0/A to L nchanged performances and dimensions and options standard
O-Ring on pilot piston							SPRINGS
00 No O-Ring							td. setting bar (psi)
10 With O-Ring					05	5.5	(80) ± 20%
					11	11.5	(167) ± 10%
85 Common cavity, Size 10							

Preferred types

Туре	Material number	Туре	Material number
047732008505000	R930002334		
047732008511000	R930002463		
047732108505000	R930005654		
047732108511000	R930002602		

Dimensions



Bosch Rexroth Oil Control S.p.A.

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