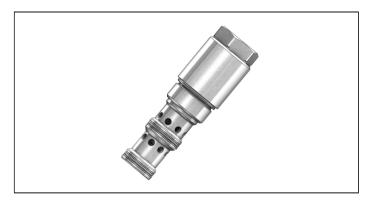


# Directional spool type, direct acting, external pilot internal drain Common cavity, Size 16

VDSB-16A 04.77.33 - X - 27 - Z

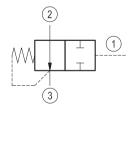
**RE 18320-93**Edition: 03.2016
Replaces: 05.2010



# **Description**

Flow is allowed from 2 to 3 until pressure at 1 rises to overcome the spring bias against the spool. When this bias pressure is surpassed, the spool shifts, blocking flow at both 2 and 3. The spring chamber is drained to 3, thus any pressure at 3 is additive to the spring setting.

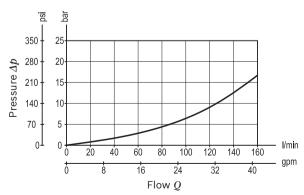
3	
(1)	



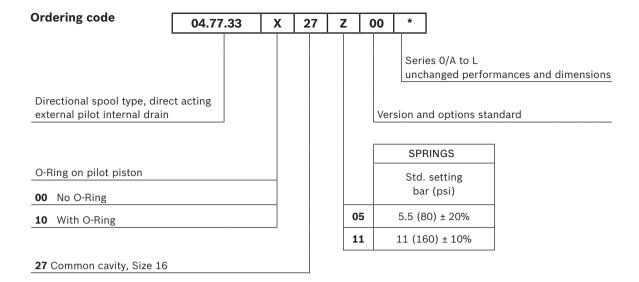
350 bar (5000 psi)
160 l/min. (43 gpm)
100 cm <sup>3</sup> /min. (6 cu.in./min.)
1.2 cm <sup>3</sup> (0.05 cu.in)
-30 to 100 °C (-22 to 212 °F)
108 - 122 Nm (80 - 90 ft-lbs)
0.6 kg (1.32 lbs)
CA-16A-3N (see data sheet 18325-70)
Please refer to section "Hydraulic integrated circuit" or consult factory
Code: RG16A3010530100
material no: R930001178
Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm <sup>2</sup> /s (cSt)
Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14
No restrictions
See data sheet 18350-50

- 1) Measured at 210 bar (3000 psi)
- 2) Only external seals for 10 valves

# **Characteristic curve**





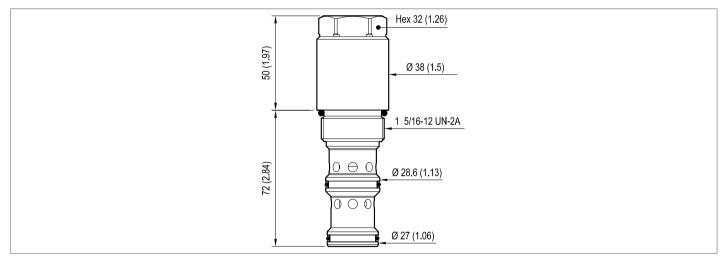


## **Preferred types**

Туре	Material number
047733002705000	R930001165
047733002711000	R930001167
047733102705000	R930001173
047733102711000	R930001175

Туре	Material number

### **Dimensions**



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