

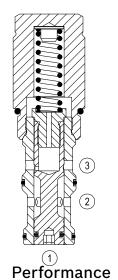
RE 18320-92/01.10 1/2 Replaces: RE 00162-02/01.06

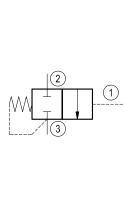
Directional spool type, direct acting external pilot internal drain

Common cavity, Size 16

VDSA-16A

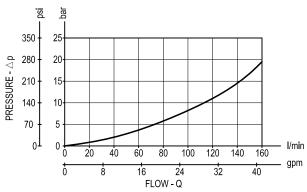






Description

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.



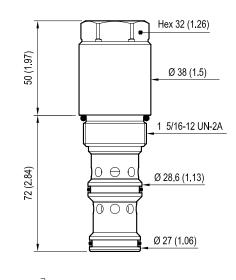
Technical data

Max. operating pressure bar (ps	i) 350 (5000)			
Max. flow I/min. (gpm	160 (43)			
Max. internal leakage (*) cm³/min. (cu.in./min	170 (10)			
Pilot displacement cm ³ (cu.in	1.2 (0.05)			
Fluid temperature range °C (°F	-30 to 100 (-22 to 212)			
Installation torque Nm (ft-lbs	108-122 (80-90)			
Weight kg (lbs	0.6 (1.32)			
Cavity	CA-16A-3N			
	see data sheet RE 18325-70			
Seal kit (**) code	e RG16A3010530100			
material no	b. R930001178			
Fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm²/s (cSt)			
Filtration	Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14			
Installation	No restrictions			
Other Technical Data	See data sheet RE 18350-50			
(*) Measured at 210 bar (3000 psi)				

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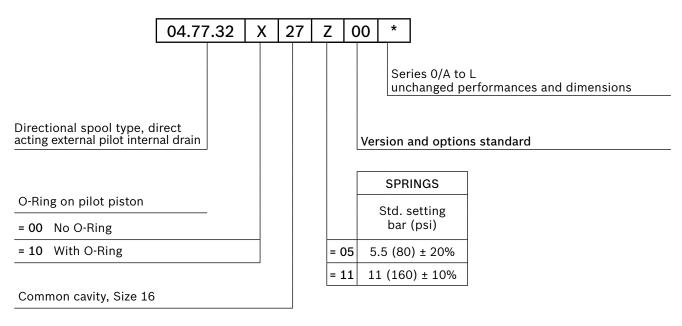
(**) Only external seals for 10 valves

Dimensions



mm (Inches)

Ordering code



Туре	Material number	Туре	Material number
047732002705000	R930001157		
047732002711000	R930001159		
047732102705000	R930001162		
047732102711000	R930001163		

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The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

Subject to change.