# Rexroth **Bosch Group**

1/2

RE 18320-87/06.10

Replaces: RE 00162-02/01.06

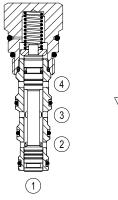
# Directional spool type, direct acting external pilot external vent

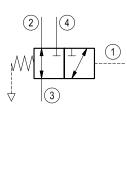
Common cavity, Size 10

VDSJ-10A

04.77.19 - X - 85 - Z



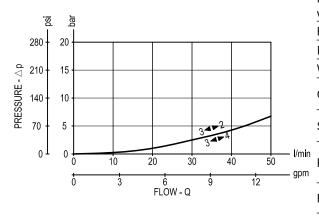




### Description

Flow is allowed bi-directionally between 2 and 3, and blocked at 4 until pressure at 1 rises to overcome the spring bias against the spool. When this bias pressure is surpassed, the spool shifts, allowing bidirectional flow between 3 and 4 while blocking 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.

#### Performance

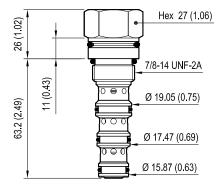


#### Technical data

| Max. operating pressure bar (psi)                | 350 (5000)   |
|--|--|
| Max. flow I/min. (gpm)                           | 50 (13)  |
| Max. internal leakage (*) cm³/min. (cu.in./min.) | 50 (3)   |
| Pilot displacement volume cm³ (cu.in:            | 0.28 (0.02)  |
| Fluid temperature range °C (°F)                  | -30 to 100 (-22 to 212)  |
| Installation torque Nm (ft-lbs)                  | 41-47 (30-35)  |
| Weight kg (lbs)                                  | 0.2 (0.44)   |
| Cavity   | CA-10A-4N<br>see data sheet RE 18325-70  |
| Seal kit (**) code material no                   | 1.0.207.1.02000200   |
| Fluids   | Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm <sup>2</sup> /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   |
|  |  |

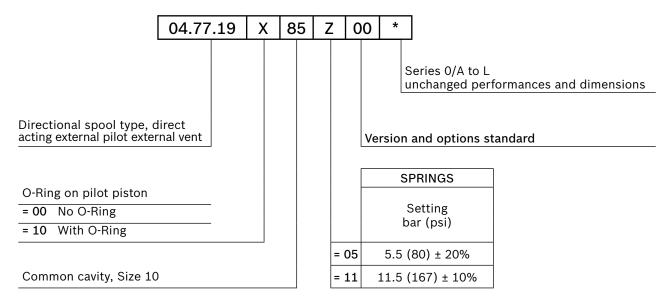
- (\*) Measured at 200 bar (2900 psi)
- (\*\*) Only external seals for 10 valves

#### **Dimensions**



mm (Inches)

## Ordering code



| Туре            | Material number |
|-----------------|-----------------|
| 047719008505000 | R930000952      |
| 047719008511000 | R930000953      |
| 047719108505000 | R930001328      |
| 047719108511000 | R930001329      |

| Туре | Material number |
|------|-----------------|
|      |                 |
|      |                 |
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Subject to change.