Rexroth Bosch Group

RE 18321-63/09.09 1/2 Replaces: RE 00162-02/01.06

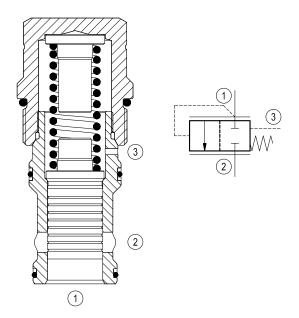
Logic element, flow and pressure control with external pilot

Common cavity, Size 20

VLST-20A

04.84.01 - X - 58 - Z

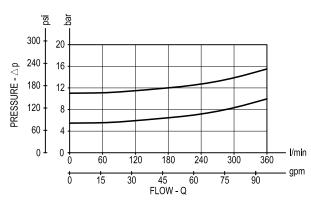




Description

When pressure at 1 rises above the selected spring bias pressure against the spool, the valve shifts to allow flow from 1 to 2. Pilot pressure at 3 is additive to the spring bias pressure. The valve may be used in switching or compensation type applications.

Performance

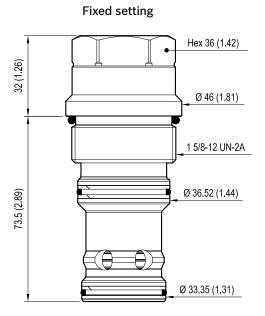


Technical data

| i ccililicai (| aata | | |
|-----------------------------------|---------------------------|--------------------|--|
| Max. operating pressure bar (psi) | | | 350 (5000) |
| Flow range I/min. (gpm) | | | 10-360 (3-95) |
| Max. internal leakage (*) | al cm³/min. (cu.in./min.) | | 200 (12) |
| Fluid temperature range °C (°F) | | | -30 to 100 (-22 to 212) |
| Installation to | rque Ni | m (ft-lbs) | 128-149 (95-110) |
| Weight | | kg (lbs) | 0.8 (1.7) |
| Cavity | | | CA-20A-3C see data sheet RE 18325-70 |
| Seal kit (**) | ma | code terial no. | |
| Fluids | | | Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /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 |
| | | | |

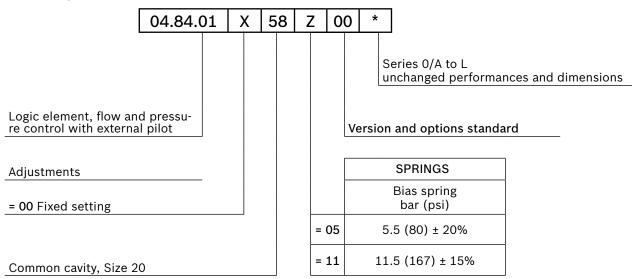
- (*) Measured at 200 bar (2900 psi)
- (**) Only external seals for 10 valves

Dimensions



mm (Inches)

Ordering code



| Туре | Material number |
|-----------------|-----------------|
| 048401005805000 | R901109862 |
| 048401005811000 | R901109867 |
| | |

| Type | Material number |
|------|-----------------|
| | |
| | |
| | |

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonantola – Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848 cartridges@oilcontrol.com

www.boschrexroth.com

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Subject to change.