Rexroth Bosch Group

1/4

RE 18323-17/02.11

Replaces: RE 18323-17/08.10

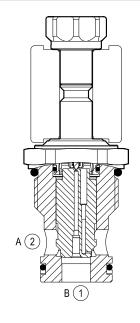
Solenoid operated valves pilot operated poppet type 2-way normally closed

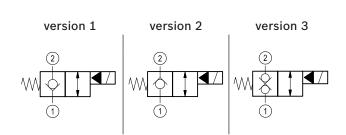
Common cavity, Size 16

VEI-8A-16A-NC

OD.15 - X - 75 - Y - S0







General

| delicial | | | |
|---------------------------|----------|------------------------|--|
| Weight | kg (lbs) | 0.32 (0.71) | |
| Installation orientation | | Optional | |
| Ambient temperature range | °C (°E) | -30 to 60 (-22 to 140) | |

Hydraulio

| Hydraulic | | |
|-------------------------|----------------------|--|
| Max. operating pressure | bar (psi) | 350 (5000) |
| Max. proof pressure | bar (psi) | 420 (6000) |
| Flow range | l/min. (gpm) | 5-150 (1-40) |
| Fatigue cycle life | cycles | 1 million cycles at 350 bar |
| Max. internal leakage | drops/min. | 20 |
| Fluid temperature range | °C (°F) | -20 to 80 (-4 to 176) |
| Fluids | | Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm ² /s (cSt) |
| Installation torque | Nm (ft-lbs) | 80-100 (59-74) |
| Filtration | | Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14 |
| Cavity | | CA-16A-2N see RE 18325-75 |
| Seal kit - version 1 | code material no. | RG16A2010520100 R901111386 |
| Seal kit - version 2-3 | | RG16A2010530100 R930003262 |
| | | RG12A1PNBR7010 R934003958 |
| Other technical data | | See data sheet RE 18350-50 |

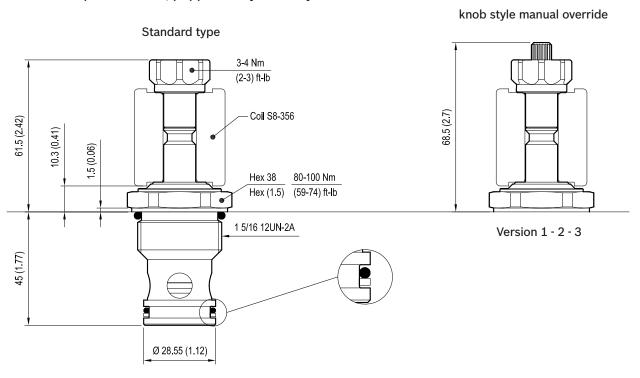
Electrical

| Type of voltage | | DC voltage |
|--------------------|---|----------------------------|
| Coil type | | S8-356 see RE 18325-90 |
| Supply voltage | | See data sheet RE 18325-90 |
| Nominal voltage | | ± 10% |
| Power consumption | W | 20 |
| Duty cycle coil | % | See performance graphs |
| Type of protection | | See data sheet RE 18325-90 |
| | | |

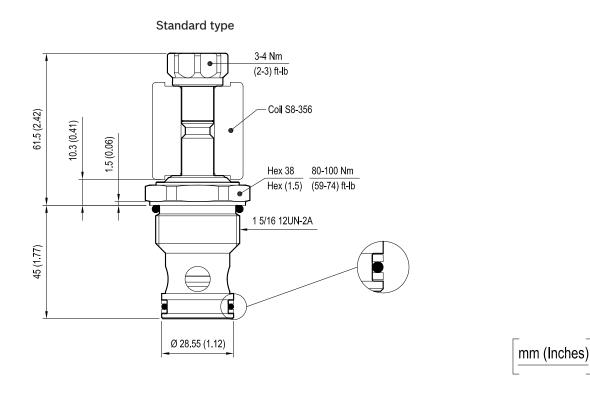
Note: Coils must be ordered separately.

Dimensions

Version 1: Solenoid operated valve, poppet 2-way normally closed

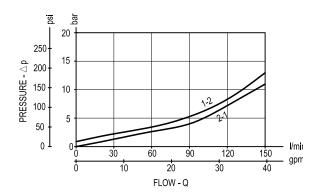


Version 2: Solenoid operated valve, poppet 2-way normally closed Version 3: Solenoid operated valve, poppet 2-way double lock normally closed

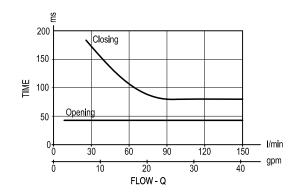


Performance graphs

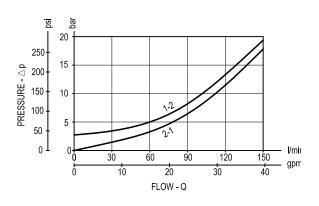
Version 1 - Version 2



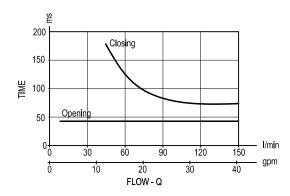
Standard



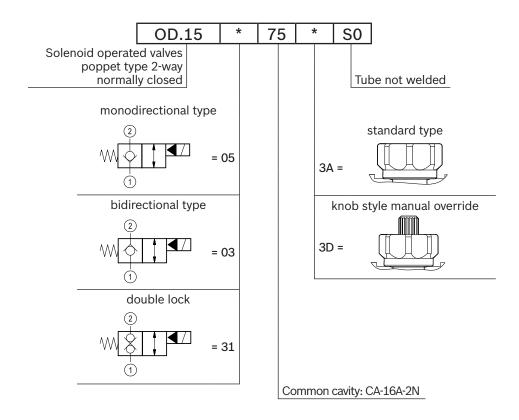
Version 3



Standard



Ordering code



| Туре | Material number | Туре | Material number |
|----------------|-----------------|------|-----------------|
| OD1503753AS000 | R901094726 | | |
| OD1505753AS000 | R901094745 | _ | |
| OD1505753DS000 | R901094746 | | |
| OD1531753AS000 | R901094747 | _ | |
| OD1531753DS000 | R901094748 | | |
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Subject to change.