Rexroth Bosch Group

1/4

RE 18323-14/08.10

Replaces: RE 00162-02/01.06

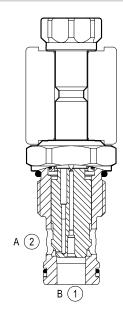
Solenoid operated valves pilot operated poppet type 2-way normally open

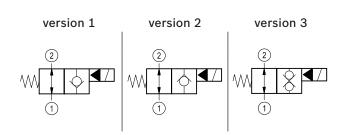
Common cavity, Size 12

VEI-8A-12A-NA

OD.15 - X - 89 - Y - S0







General

| Weight | kg (lbs) | 0.23 (0.51) |
|---------------------------|----------|------------------------|
| Installation orientation | | Optional |
| Ambient temperature range | °C (°F) | -30 to 60 (-22 to 140) |

Hydraulic

| riyuraunc | | |
|-------------------------|----------------------|--|
| Max. operating pressure | bar (psi) | 350 (5000) |
| Flow range | I/min. (gpm) | 5-150 (1-40) |
| 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) | 54-66 (40-49) |
| Filtration | | Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14 |
| Cavity | | CA-12A-2N see RE 18325-75 |
| Seal kit - version 1 | code material no. | RG12A2010520100 R901111377 |
| Seal kit - version 2-3 | code material no. | RG12A2010530100 R930003374 |
| Seal kit coil | code material no. | 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 |
| | | |

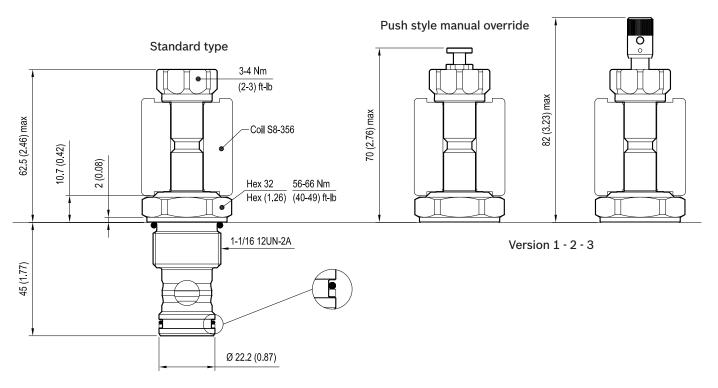
Note: Coils must be ordered separately.

mm (Inches)

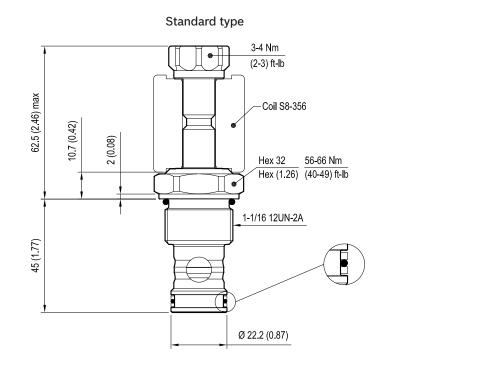
Dimensions

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

Push and twist style manual override

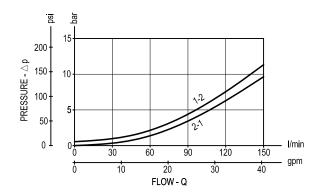


Version 2: Solenoid operated valve, poppet 2-way normally open Version 3: Solenoid operated valve, poppet 2-way double lock normally open

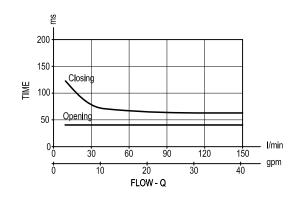


Performance graphs

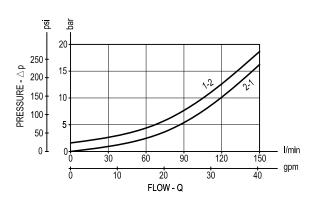
Version 1 - Version 2



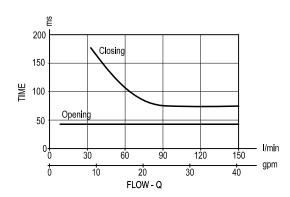
Standard



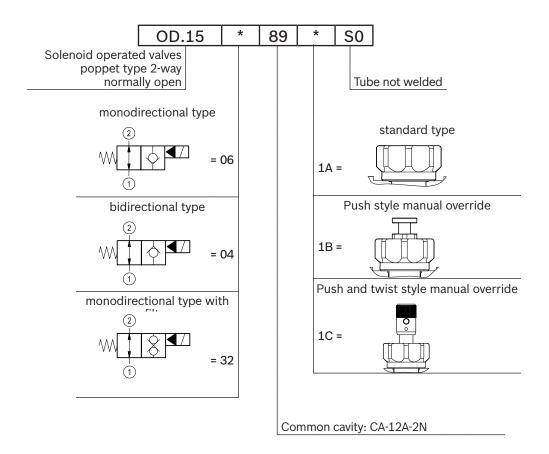
Version 3



Standard



Ordering code



| Туре | Material number |
|----------------|-----------------|
| OD1504891AS000 | R901090961 |
| OD1504891BS000 | R901090960 |
| OD1506891AS000 | R901091139 |
| OD1506891BS000 | R901091140 |
| OD1506891CS000 | R901091141 |
| OD1532891AS000 | R901091179 |
| OD1532891BS000 | R901091180 |
| OD1532891CS000 | R901091182 |
| | |

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