Proportional pressure reducing valve, in 3-way version

Type 3DREP and 3DREPE

Size 6
Component series 2X
Maximum operating pressure 100 bar
Maximum flow 15 l/min

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Features

- Direct operated proportional valves for controlling a pressure and the direction of a flow
- Operation by means of proportional solenoids with central thread and detachable coil
- Subplate mounting:
  - Porting pattern according to ISO 4401
- Manual override, optional
- Spring-centered control spool
- Type 3DREPE with integrated control electronics
- External control electronics for type 3DREP:
  - Analog amplifiers type VT-VSPA2-1-2X/… in Eurocard format (separate order), see page 5
  - Digital amplifier type VT-VSPD-1-1X/… in Eurocard format (separate order), see page 5
  - Electric amplifier type VT 11118 in modular design (separate order), see page 5
### Ordering code

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<th>3DREP</th>
<th>6</th>
<th>-2X/</th>
<th>E</th>
<th>G24</th>
<th>/</th>
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For external control electronics = No code

With integrated control electronics = E

#### Symbols (simplified)

- **A**
- **B**
- **C**

#### Component series
20 to 29 = 2X

(20 to 29: Unchanged installation and connection dimensions)

#### Pressure rating
- 16 bar = 16
- 25 bar = 25
- 45 bar = 45

#### Further details in the plain text
- **Seal material**
  - M = NBR seals
  - V = FKM seals
  - No code = For DREP
  - For DREPE
    - A1 = Command value/actual value ±10 V
    - F1 = Command value/actual value 4 to 20 mA

#### Electrical connection for DREP
- K4 = 1) Without mating connectors, with connector according to DIN EN 175 301-803
  - Mating connectors - separate order see page 7

#### Electrical connection for DREPE
- K31 = 1) Without mating connectors, with connector according to DIN EN 175 301-804
  - Mating connectors - separate order see page 7

#### Supply voltage
- G24 = +24 V direct voltage
  - E = Proportional solenoid with detachable coil

### Symbols

- **Type 3DREP..6 A 2X/..E (detailed)**
- **Type 3DREP..6 B 2X/..E (detailed)**
- **Example of valve with integrated control electronics**
  - **Type 3DREPE..6 C 2X/..E (simplified)**