**Directional valves → Electrically operated**

## 5/3-way valve, Series CD04

**► Qn = 900 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, EN 175301-803, form B ► Manual override: with detent ► double solenoid**

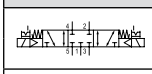
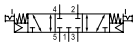
00134136

| | |
|---|---|
| Version | Spool valve, zero overlap |
| Pilot | internal |
| Sealing principle | soft sealing |
| Mounting on manifold strip | P-strip |
| Working pressure min./max. | 3.5 bar / 10 bar |
| Control pressure min./max. | 3.5 bar / 10 bar |
| Ambient temperature min./max. | -15°C / +50°C |
| Medium temperature min./max. | -15°C / +50°C |
| Medium | Compressed air |
| Max. particle size | 50 µm |
| Oil content of compressed air | 0 mg/m³ - 1 mg/m³ |
| Compressed air connection | according to ISO 228-1<br>with directional pilot air exhaust |
| Connector standard | EN 175301-803:2006 |
| Degree of protectionwith electrical connector/plug | IP 65 |
| Compatibility index | 14 |
| Duty cycle | 100 % |
| Materials: | |
| Housing | Die cast zinc; Polyamide, fiber-glass reinforced |
| Seals | Acrylonitrile Butadiene Rubber |

**Technical Remarks**

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- The oil content of air pressure must remain constant during the life cycle.
- Use only the approved oils from Bosch Rexroth, see chapter „Technical information“.

| Operating voltage | | | Voltage tolerance | | | Power consumption | Switch-on power | | Holding power | |
|---|---|---|---|---|---|---|---|---|---|---|
| DC | AC 50 Hz | AC 60 Hz | DC | AC 50 Hz | AC 60 Hz | DC | AC 50 Hz | AC 60 Hz | AC 50 Hz | AC 60 Hz |
| | | | | | | W | VA | VA | VA | VA |
| 24 V | - | - | -10% / +10% | - | - | 4.8 | - | - | - | - |
| - | 230 V | 230 V | - | -20% / +10% | -10% / +20% | - | 11.5 | 9.7 | 9 | 7.4 |

| | MO | Compressed air connection | | | | Operating voltage | | | Holding power | Holding power | Switch-on power | Part No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Input | Output | Exhaust | Pilot control exhaust | DC | AC 50 Hz | AC 60 Hz | AC 50 Hz | AC 60 Hz | AC 50 Hz | |
| | | | | | | | | | | | | |
|  | | G 1/8 | G 1/8 | G 1/8 | M5 | 24 V<br>- | -<br>230 V | -<br>230 V | -<br>9 | -<br>7.4 | -<br>11.5 | **5777420220**<br>5777425280 |
|  | | G 1/8 | G 1/8 | G 1/8 | M5 | - | - | - | - | - | - | **5777425302** |

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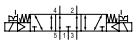
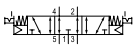
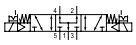
## 5/3-way valve, Series CD04

**► Qn = 900 l/min ► pipe connection ► compressed air connection output: G 1/8 ► Electr. connection: Plug, EN 175301-803, form B ► Manual override: with detent ► double solenoid**

| | MO | Compressed air connection | | | | Operating voltage | | | Holding power | Holding power | Switch-on power | Part No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Input | Output | Exhaust | Pilot control exhaust | DC | AC 50 Hz | AC 60 Hz | AC 50 Hz | AC 60 Hz | AC 50 Hz | |
| | | | | | | | | | | | | |
|  | I | G 1/8 | G 1/8 | G 1/8 | M5 | 24 V<br>- | -<br>230 V | -<br>230 V | -<br>9 | -<br>7.4 | -<br>11.5 | **5777410220**<br>5777415280 |
|  | I | G 1/8 | G 1/8 | G 1/8 | M5 | - | - | - | - | - | - | **5777415302** |
|  | I | G 1/8 | G 1/8 | G 1/8 | M5 | 24 V<br>- | -<br>230 V | -<br>230 V | -<br>9 | -<br>7.4 | -<br>11.5 | 5777400220<br>5777405280 |
| | I | G 1/8 | G 1/8 | G 1/8 | M5 | - | - | - | - | - | - | 5777405302 |

| Part No. | Switch-on power | Flow rate value | | | Switch-on time | Switch-off time | Weight | Note |
|---|---|---|---|---|---|---|---|---|
| | AC 60 Hz | Qn | Qn 1►2 | Qn 2►3 | | | | |
| | | [l/min] | | | [ms] | [ms] | [kg] | |
| **5777420220**<br>5777425280 | -<br>9.7 | 900 | 900 | 900 | 12 | 27 | 0.5 | - |
| **5777425302** | - | 900 | 900 | 900 | - | - | 0.39 | 1) |
| **5777410220**<br>5777415280 | -<br>9.7 | 900 | 900 | 900 | 12 | 27 | 0.5 | - |
| **5777415302** | - | 900 | 900 | 900 | - | - | 0.39 | 1) |
| 5777400220<br>5777405280 | -<br>9.7 | 900 | 900 | 900 | 12 | 27 | 0.5 | - |
| 5777405302 | - | 900 | 900 | 900 | - | - | 0.39 | 1) |

MO = Manual override
1) Basic valve without coil
Nominal flow Qn at 6 bar and Δp = 1 bar

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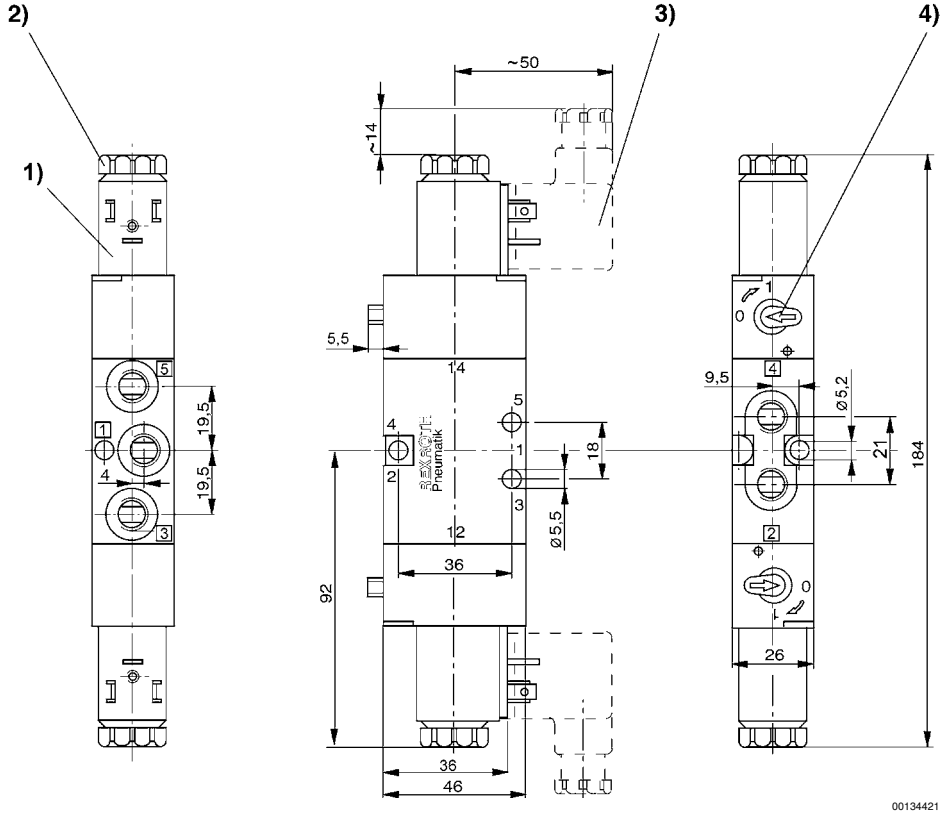
### Dimensions




1) coil can be rotated at 90° intervals
2) after removal of cap M 5 internal thread M5
3) electrical connector can be plugged at 180° intervals
4) manual override