

5/3-directional valve, Series CERAM™, size 2

- 5/3
- Qn = 2400 l/min
- Pilot valve width : 30 mm CNOMO
- exhausted center closed center
- Plate connection
- Electrical connection : Plug, EN 175301-803, form A
- Can be assembled into blocks
- Manual override : with detent, without detent
- double solenoid single solenoid
- Pilot : Internal External



| | |
|------------------------------------|-----------------------------|
| Activation | Electrically |
| Sealing principle | Ceramic |
| Blocking principle | Single base plate principle |
| Standards | ISO 5599-1, ISO 2 |
| Working pressure min./max. | 0 ... 10.3 bar |
| Control pressure min./max. | See table below |
| Ambient temperature min./max. | -15 ... 66 °C |
| Medium temperature min./max. | -15 ... 66 °C |
| Medium | Compressed air |
| Nominal flow Qn | 2400 l/min |
| Compressed air connection | according to ISO 5599-1 |
| Protection class according to NEMA | NEMA 4 |
| Mounting screw tightening torque | 2.2 Nm |
| Weight | See table below |

| Part No. | Control pressure min./max. | Valve plug connector |
|------------|----------------------------|------------------------------|
| R432002442 | 2 ... 10.3 bar | Without valve plug connector |

| Part No. | basic valve with electrical connector | Mounting screw | Weight |
|------------|---------------------------------------|------------------------|---------|
| R432030023 | - | M6 with hexagon socket | 2.15 kg |
| R432006060 | - | M6 with hexagon socket | 2.15 kg |
| R432006063 | - | M6 with hexagon socket | 2.15 kg |
| R432006058 | - | M6 with hexagon socket | 2.15 kg |
| R432006059 | - | M6 with hexagon socket | 2.15 kg |
| R432002440 | Basic valve without coil | M5 with hexagon socket | 1.21 kg |
| R432002442 | Basic valve without coil | M6 with hexagon socket | 1.45 kg |

Nominal flow Q_n at 6 bar and $\Delta p = 1$ bar

MO = Manual override

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

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 compressed air must remain constant during the life cycle.

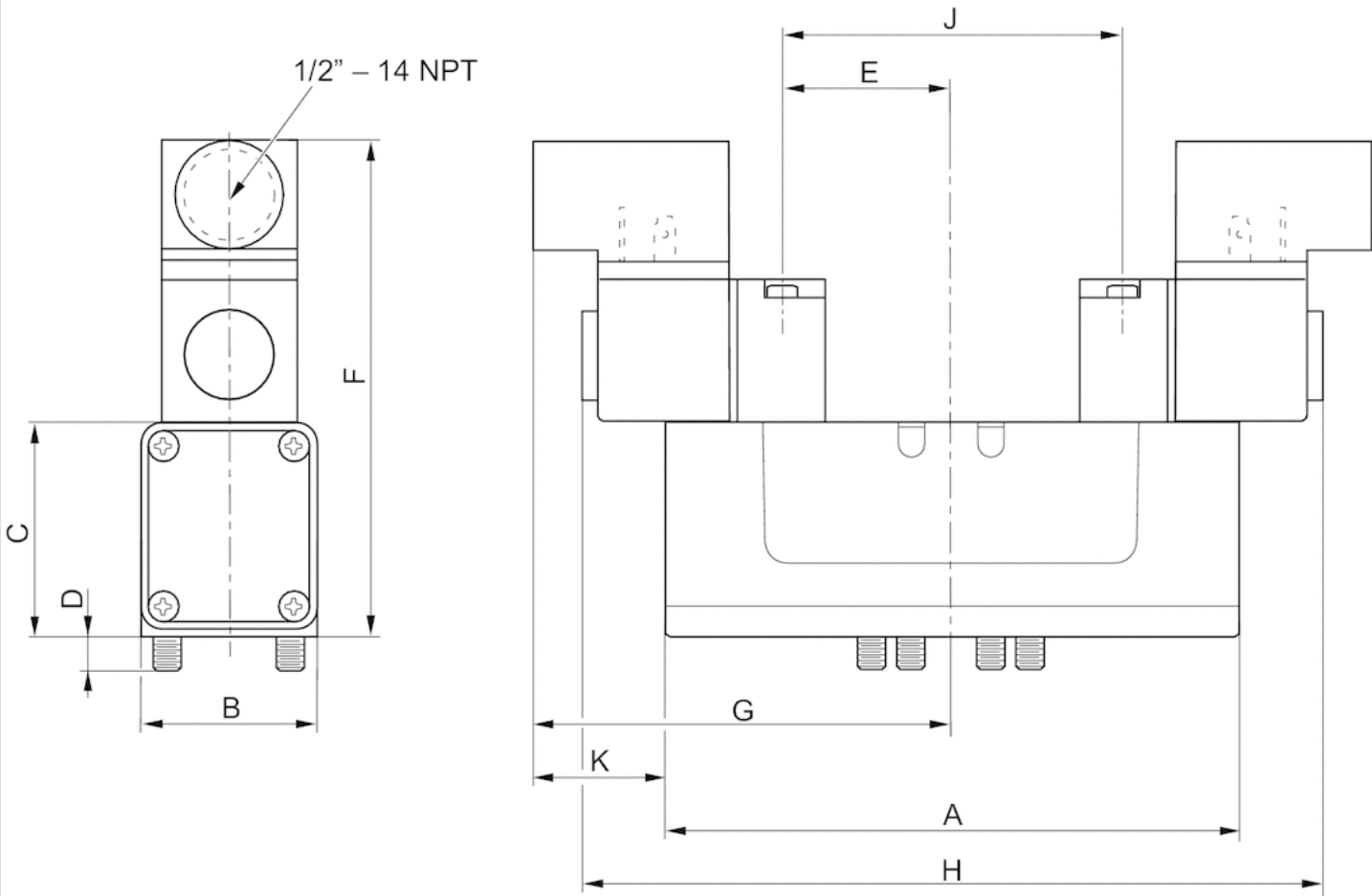
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

| Material | |
|----------|---------------------------------|
| Housing | Die-cast aluminum, painted gray |

Dimensions

Dimensions in inches



Dimensions in inches

| Part No. | A | B | C | D | E | F | G | H | J | K |
|------------|------|------|-----|------|------|-----|------|------|------|------|
| R432030023 | 5.82 | 2.03 | 2.3 | 0.39 | 1.57 | 4.9 | 3.54 | 7.09 | 3.15 | 0.92 |
| R432006060 | 5.82 | 2.03 | 2.3 | 0.39 | 1.57 | 4.9 | 3.54 | 7.09 | 3.15 | 0.92 |
| R432006063 | 5.82 | 2.03 | 2.3 | 0.39 | 1.57 | 4.9 | 3.54 | 7.09 | 3.15 | 0.92 |
| R432006058 | 5.82 | 2.03 | 2.3 | 0.39 | 1.57 | 4.9 | 3.54 | 7.09 | 3.15 | 0.92 |
| R432006059 | 5.82 | 2.03 | 2.3 | 0.39 | 1.57 | 4.9 | 3.54 | 7.09 | 3.15 | 0.92 |
| - | - | - | - | - | - | - | - | - | - | - |
| R432002442 | 5.82 | 2.03 | 2.3 | 0.39 | 1.57 | 4.9 | 3.54 | 7.09 | 3.15 | 0.92 |

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