

**Brand: DREHMO®**

**Range: DREHMO-Standard**

**Duty: ON/OFF-Actuators**

**Types: D30 ... D1000, DP30 ... DP1599**

## Mechanical Design

- TÜV-Certificate of Conformity as proof of characteristics i.e.:
  - Protection Class IP67
  - Durability of 10.000 switching cycles
  - Salt-Mist- and - SO<sub>2</sub>-Test
  - Operability in ambient temperature range
- Type of duty S2
- Actuator self locking
- Handwheel not moving on motor operation
- Changing from motor to manual operation **without** declutch mechanism
- max. allowable handwheel forces acc. to DIN 3250, Page 2
- Protection class IP67 acc. to DIN 40050/IEC 144
- Pick off gear for adaption to valve stroke
- Stroke-proportional mechanical position indicator
- Ambient temperature -25 °C to +80 °C
- Output drive for valve connection acc. to DIN EN ISO 5210 respectively DIN EN ISO 5211
- Corrosion protection K3
- Final coating color RAL 5015 (sky blue)

## Electrical Equipment

- 3-Phase enclosed squirrel cage motor with thermo switches, voltage 380-420 V / 50 Hz, Isolation class F
- 2 Limit switches (SPDT) OPEN/CLOSE (WR1 / WL2)
- 2 Torque switches (SPDT) OPEN/CLOSE (DR1 / DL2)
- Flasher for running indication
- Heater (230 V / 10 W) in limit switch compartment
- Electrical connection on compact plug connector, cable entry 2xM32x1,5 und 1xM20x1,5 with blind plug
- Wiring diagram: KD102-5000-64

## Options

- Electronic Position Transducer, Input 24 VDC, Output 0/4-20 mA
  - Tandem switches (DPDT) for position and torque
  - Additional position switches
  - Corrosion protection K4 for aggressive atmospheres
  - Corrosion protection K5 for extremely aggressive atmospheres
  - Protection class IP68
  - Local control station (S1 + S2)
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