

# EC cassette fans

backward curved, Ø 175



- **Material:** Impeller: PA plastic 6.6, fibreglass-reinforced  
Rotor: Galvanised
- **Technical features:**
  - Control input 0-10 VDC / PWM
  - Tach output
  - Reverse polarity and locked-rotor protection
- **Number of blades:** 7
- **Direction of rotation:** Clockwise, seen on rotor
- **Type of protection:** IP22
- **Insulation class:** "B"
- **Mounting position:** Any
- **Condensate discharges:** None
- **Mode of operation:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings
- **EMC:** Interference emission acc. to EN61000-6-3  
Interference immunity acc. to EN61000-6-2
- **Cable exit:** Variable
- **Product conforming to standard:** EN60950-1
- **Approvals:** UL, CSA

| Nominal data   |           | Nominal voltage | Voltage range | Air flow | Speed / rpm | Power input | Current draw | Sound pressure level | Perm. amb. temp. | Weight |
|----------------|-----------|-----------------|---------------|----------|-------------|-------------|--------------|----------------------|------------------|--------|
| Part number    | Motor     | VDC             | VDC           | m³/h     | rpm         | W           | A            | dB(A)                | °C               | kg     |
| K1G175-GB63-02 | M1G055-BD | 24              | 16-28         | 565      | 3100        | 34          | 1.60         | 65                   | -25 to +60       | 1.1    |
| K1G175-GB41-02 | M1G055-BD | 48              | 36-57         | 565      | 3100        | 34          | 1.00         | 65                   | -25 to +60       | 1.1    |

subject to alterations

