

# 612NGN DC Axial Fan

25mm compact low profile fan with high air flow value and minimum noise level. The DC drive employs an electronically commutated external rotor motor with high efficiency. Drive electronics is completely integrated into the fan hub.



## Features

- Electronic protection against reverse polarity, locking and overloading.
- Extremely low EMI.
- Electrical connection 310mm via two single leads AWG 22, TR64.

## General Data

|                               |                   |             |
|-------------------------------|-------------------|-------------|
| Nominal voltage               | V DC              | 12          |
| Voltage range                 | V DC              | 8...15      |
| Nominal speed                 | min <sup>-1</sup> | 5100        |
| Max. flow rate (curve 4)      | m <sup>3</sup> /h | 42          |
| Max. flow rate (curve 4)      | CFM               | 24.7        |
| Noise free air                | dB(A)             | 35          |
| Current consumption           | mA                | 165         |
| Power consumption             | W                 | 2,0         |
| Permanent ambient temperature | °C                | -20 ... +70 |
| At max. voltage               |                   |             |
| Storage temperature           | °C                | -40 ... +80 |
| Service life (70 °C)          | h                 | 35.000      |
| Service life (40 °C)          | h                 | 70.000      |
| Approvals                     | UL, CSA, VDE, CE  |             |
| Fan housing / impeller        | PBTP / PA 6.6     |             |
| Bearing system                | Sleeve bearing    |             |
| Mass                          | g                 | 66          |

All data are mean values at nominal voltage

Subject to change without notice.

