

Pad Mounted Motors



For Fan, Exhaust and Smoke Extraction

Suitable for the most demanding specifications of ventilation customers, the Fan and Exhaust Motors design allows high output in light and compact frame sizes for several fan applications.

Smoke Extraction motors are suitable for operating in high temperature, guaranteeing rapid smoke extraction and delaying fire propagation, allowing free access to emergency exits.



Pad Mounted Motors

Fan and Exhaust Motors

Standard Features

- Rated output: 0,12 up to 500 kW
- Number of poles: 2, 4, 6, 8, 10 and 12
- Frequency: 50 Hz
- Voltage: 220-240/380-415 V (up to 100L)
380-415/660V (from 112M and up)
- Frame sizes: 63 up to 355A/B (for cast iron frames)
63 to 132M (for aluminium frames)
- Cooling method: TEAO or TEFC
- Colour: RAL 5009 - Blue

Versions Available

- Premium Efficiency - IE3
- High Efficiency - IE2
- Standard Efficiency - IE1
- Multi speed motors (Dahlander, Double Winding, etc.)
- Cast Iron or Aluminium Enclosures

Smoke Extraction Motors

Standard Features

- Rated output: 0,18 up to 500 kW
- Number of poles: 2, 4, 6 and 8
- Frequency: 50 Hz
- Frame Sizes: 80 to 355A/B
- Voltage: 220-240/380-415 V (up to 100L)
380-415/660 V (from 112M and up)
- Colour: RAL 9006 - Aluminium

Versions Available

- TEFC (Totally Enclosed Fan Cooled) or TEAO (Totally Enclosed Air Over)
- Premium Efficiency - IE3
- High Efficiency - IE2
- Standard Efficiency - IE1
- 10 and 12 poles
- Multi speed motors (Dahlander, Double Winding, etc.)
- F200 (200 °C/2 h), F250 (250°C/2 h), F300 (300°C/1 h), F300 (300°C/2 h) and F400 (400 °C/2 h)

Features and Benefits

- Mounting Flexibility: Fan and Exhaust motors can be supplied with the following features: pad or flange mounted. Besides the mounting configurations the motor can be also supplied with terminal box and terminal block or without T-box and loose cable leads allowing remote assembly of the terminal box.
- Exhaustion motors: Assured safety for the most diverse applications.
- Smoke Extraction Motors special design for high ambient temperature: Components carefully designed to withstand the operation in extreme temperature conditions.
- Smoke Extraction Motors: Extensively tested and approved according to EN 12101-3, assurance of safety and reliability.
- WISE® insulation system: Increases stator electrical strength and allows the motor operation by frequency inverters, without being damaged by voltage peaks.

Application

Fan and exhausters for: tunnels, metros, subways, shopping centres, car parks, supermarkets, cinemas, airport and other applications with large concentration of people.



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