



Flowpak 2 Induction Motor

The Flowpak 2 range of induction motors are installed globally - operating today in a wide range of arduous industrial environments.

This unique product range was the concept of our heritage organisation; taking on the challenge of developing a highly flexible range of machines. Looking to set new industry standards in terms of performance, cost effectively.

Frame Size / Shaft Heights: 280, 315, 355, 400

Pole Speeds: 2 to 12 pole

Output Range: 160kW - 900kW

Design & Operational Features

- Up to 6.6kV, 50 or 60 Hz supply
- Horizontal (IM1001) and Vertical (IM3011) mountings to IEC 60034-7
- Ingress protection to IP56 level to IEC 60034-5
- Standard cooling form as defined within IEC 60034-6 is IC411
- High efficiency – up to 96%
- Vibration for all new machines manufactured to:
 - BS EN IEC 60034-14:2018
 - Table 1 Grade A (rigid Mount) 2.3mm/sec(rms)
 - Option for Grade B (rigid Mount) 1.5mm/sec(rms)

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Design & Operational Features (cont.)

- All new machines balanced to: BS EN 21940:11 G2.5 maximum imbalance
- Low noise level – 81db(A) standard up to and including 4 pole
- Low starting current - Design D (to previous standard BS 4999 Part 1 and 2)

Standards & Specification

- Compliant with the latest requirements of IEC 60034-1
- Compliance with standards such as NEMA-MG 1, API 541 and ANSI standards can be offered, and other major user specifications can be met on request

Design Detail

- Maximum continuous rating corresponding to duty type S1 to IEC 60034-1
- Class F, VPI insulation system with temperature rise limited to Class B/80K in a maximum 40 deg C ambient temperature
- Modern Flowpack 2 motors are designed to the latest hazardous area certification requirements as required
- All sizes/speeds are available with either grease lubricated rolling element bearings or oil lubricated plain bearings
- Dimensions in accordance with IEC 60072 and 60072A



Compatibility

Can be fitted with the following Quartztec approved and certified Terminal Boxes:

- [Phase Segregated](#)
- [EUROMOLD \(Triangular // In Line\)](#)
- [BEAMA/CEGB Phase Insulated](#)
- [Steel Weatherproof](#)

Also compatible with the following Quartztec LIFEVIEW® Condition Monitoring Equipment:

- [LIFEVIEW PDA II Online Condition Monitoring System](#)
- [QRC40 & QRC85 Partial Discharge Couplers](#)

Key Contact Information

To request a quotation or further information please contact

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