MOTORS, GEARBOXES & DRIVE COMPONENTS

Hazardous-Area Electric Motors



Motor enquiries for classified gas or dust environments, selected against the site requirements and exact motor certification.

Unit for enquiry: each | Product range

Product-family photograph. Exact model, dimensions and configuration are confirmed with your quotation.

PRODUCT DETAILS

Protection type	Flameproof, increased-safety and dust-protected designs are distinct
Classification	Zone, gas / dust group, temperature class / surface limit and EPL
Electrical	Supply, duty, protection devices and starting method
Documentation	Exact certificate and installation restrictions required

TYPES / CONFIGURATIONS

Gas / vapour area | Combustible dust area | Match existing certified motor | Site classification assistance required

Suitability requires the exact certificate and site-engineer review. Gas approval does not establish dust suitability, and inverter operation must be permitted by the selected motor certification. Choices record your requested specification; not every combination is available. This is a Beccentric product information and selection sheet. It is not a certified engineering drawing or a guarantee of stock. Confirm the exact product, compatibility and operating limits before ordering.

Specify your requirement

Hazardous-Area Electric Motors

The choices below help prepare an enquiry. Other sizes and identification assistance can be requested. Not every combination is available.

Requested motor power	0.18 kW, 0.37 kW, 0.55 kW, 0.75 kW, 1.1 kW, 1.5 kW, 2.2 kW, 3 kW, 4 kW, 5.5 kW, 7.5 kW, 11 kW, 15 kW, 18.5 kW, 22 kW, 30 kW, 37 kW, 45 kW, 55 kW, 75 kW
Electrical supply and nameplate connection	Phase, volts, Hz, delta / star connection and rated current
Rated speed / pole count	Nameplate rpm and poles; frequency if not 50 Hz
Motor mounting requirement	B3 foot, B5 flange, B14 small flange, B35 foot and flange, B34 foot and small flange, Vertical mounting - specify, Match existing mounting
Frame, shaft and flange dimensions (mm)	Frame / standard, shaft diameter x length, keyway, foot centres and flange drawing
Application and environment	Driven equipment, hours / starts, ambient temperature, dust and cleaning conditions
Existing model / complete reference	Full reference and suffixes; include a clear nameplate photograph
Site hazardous-area classification	Zone, gas / dust group, temperature class / surface limit and EPL
Certificate and control arrangement	Required certification, DOL / VFD use, protection devices and ambient range

INCLUDE WITH YOUR ENQUIRY

Send the complete reference and nameplate photo, installation dimensions, operating duty, quantity, delivery location and required date. State whether an alternative may be proposed for approval.

Quantity: _____ Required date: _____

Company / RFQ reference: _____

Exact replacement only / alternative for approval: _____

CONTACT & DOCUMENTATION

View this product and choose specifications at beccentric.net

WhatsApp Mary: +263 780 864 277
WhatsApp Tino: +263 779 098 357
Email: sales@beccentric.net

Request a drawing, material certificate, food-contact declaration or safety data sheet when your application requires one. These documents relate to the exact product quoted.

Prepared by Beccentric (Pvt) Ltd. Compiled 13 November 2026. Contact Beccentric to confirm the exact configuration and supporting documentation.