**ATEX markings**

- **Connection Diagrams**
- **Typical W flameproof motor Ex db (frame size 200-315)**

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**Brook Crompton**

Keeping Industry Turning

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**Typical Gas marking**

- **Ex**
- **II 2G**
- **Ex db IIIB**
- **T4 Gb (Tamb -20°C to +40°C)**

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**ATEX markings**

- **Compliant with European Directives**
- **ENO Mark for equipment in flammable atmospheres**
- **Ex - Explosion protection**

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**Connection diagrams**

- **Connection Diagram - S225**
- **Connection Diagram - WB**

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**Potential regular explosive environments**

- **Dust**
- **Gas**

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**Typical W flameproof motor Ex db (frame size 200-315)**

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**Other information**

- **Drive end inner bearing cap**
- **Drive end bearing cap fixing screws**
- **Stator foot fixing screw**
- **Fan cover fixing screw**
- **Fan cover fixing flat washer**
- **Fan cover fixing shakeproof washer**
- **Non-drive end endshield fixing screws**
- **Non-drive end inner bearing cap**
- **Non -drive end grease nipple extension**
- **Non -drive end foot fixing screws**
- **Non -drive end foot fixing screw**
- **Non -drive end foot fixing screw**
- **Non-drive end foot**
- **Non-drive end feet**
- **Non-drive end feet on right-hand side**

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**Electrical Motor 3 Phase Formulas**

- **Power factor**
- **Efficiency**
- **Amps**
- **Power factor knowing input kilowatts**

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**European Directives**

- **Identification number**
- **Compliant with**
- **Notified body**
- **Hazardous atmospheres**

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**ATEX and IECEx**

- **Compliant with**
- **Ex - Explosion protection**
- **Ex db - Flameproof**
- **IIIB - Gas Group**
- **T4 - Temperature Class**

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**Equipment categories**

- **I - mining**
- **II - non-mining**

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**Gas group**

- **N**
- **Fa**
- **H**

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**Dust group**

- **D**
- **Fa**
- **H**

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**Application**

- **U1 V1 W1**

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**Connection diagrams**

- **3 leads out**
- **3 leads out**
- **3 leads out**

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**Footnote**

- **Note**: Continuous or very long peak or fault current operation. Present in normal operation (KWh x 10000 for per annum). Unlikely but if present, may only be for a short time (KWh x 500 for per annum).