



|                      |                  |                         |
|----------------------|------------------|-------------------------|
| MOTOR TYPE           |                  | D5C 160 MB2             |
| RATED OUTPUT         | kW               | 15                      |
| EFFICIENCY CLASS     |                  | IE3                     |
| DUTY                 |                  | S1                      |
| RATED VOLTAGE        | V                | 400 Δ                   |
| RATED FREQUENCY      | Hz               | 50                      |
| RATED CURRENT        | A                | 27.1                    |
| RATED SPEED          | rpm              | 2930                    |
| MOUNTING             | IM               | HORIZONTAL              |
| EXECUTION            |                  | TEFC                    |
| ATEX EXECUTION       |                  | Ex db IIB T4 Gb         |
| PROTECTION DEGREE    | IP               | 55                      |
| COOLING METHOD       | IC               | 411                     |
| MOMENT OF INERTIA    | kgm <sup>2</sup> | 0.048                   |
| AMBIENT TEMPERATURE  | °C               | 40                      |
| SITE ALTITUDE        |                  | 1000                    |
| CLASSIFICATION       |                  | -                       |
| INSULATION CLASS     |                  | F                       |
| TEMPERATURE RISE     |                  | B                       |
| APPLICABLE STANDARDS |                  | IEC 60034-1 - IEC 60079 |

|                            |                    |       | LOAD         |       |       |
|----------------------------|--------------------|-------|--------------|-------|-------|
|                            |                    |       | 4/4          | 3/4   | 2/4   |
| EFFICIENCY                 |                    | %     | 91.9%        | 92.3% | 91.4% |
| POWER FACTOR               |                    |       | 0.87         |       |       |
| TORQUE                     | FULL LOAD          | Nm    | 49           |       |       |
|                            | LOCKED ROTOR (DOL) | p.u.  | 2.2          |       |       |
|                            | PULL-OUT (DOL)     | p.u.  | 3.29         |       |       |
| LOCKED ROTOR CURRENT (DOL) |                    | p.u.  | 6.4          |       |       |
| STARTING METHOD            |                    |       | DOL          |       |       |
| THERMAL PROTECTIONS        | WINDINGS           |       | 3 PTC 155 °C |       |       |
|                            | BEARINGS           |       | -            |       |       |
| HEATING ELEMENTS           |                    | V / W | -            |       |       |

**MECHANICAL DATA**

|                       |       |       |           |
|-----------------------|-------|-------|-----------|
| BEARING TYPE          | D-end |       | 6310-Z-C3 |
|                       | N-end |       | 6209-Z-C3 |
| LUBRICATION           |       |       | GREASE    |
| DIRECTION of ROTATION |       |       | CW or CCW |
| NO LOAD NOISE         |       | dB(A) | 72        |
| WEIGHT                |       | kg    | 170       |
| VIBRATION LEVEL       |       |       | A         |
| PAINTING              |       |       | RAL 5010  |