

# T3A100LA-4 2,2KW 500V B5

## Three-phase asynchronous motor in aluminum

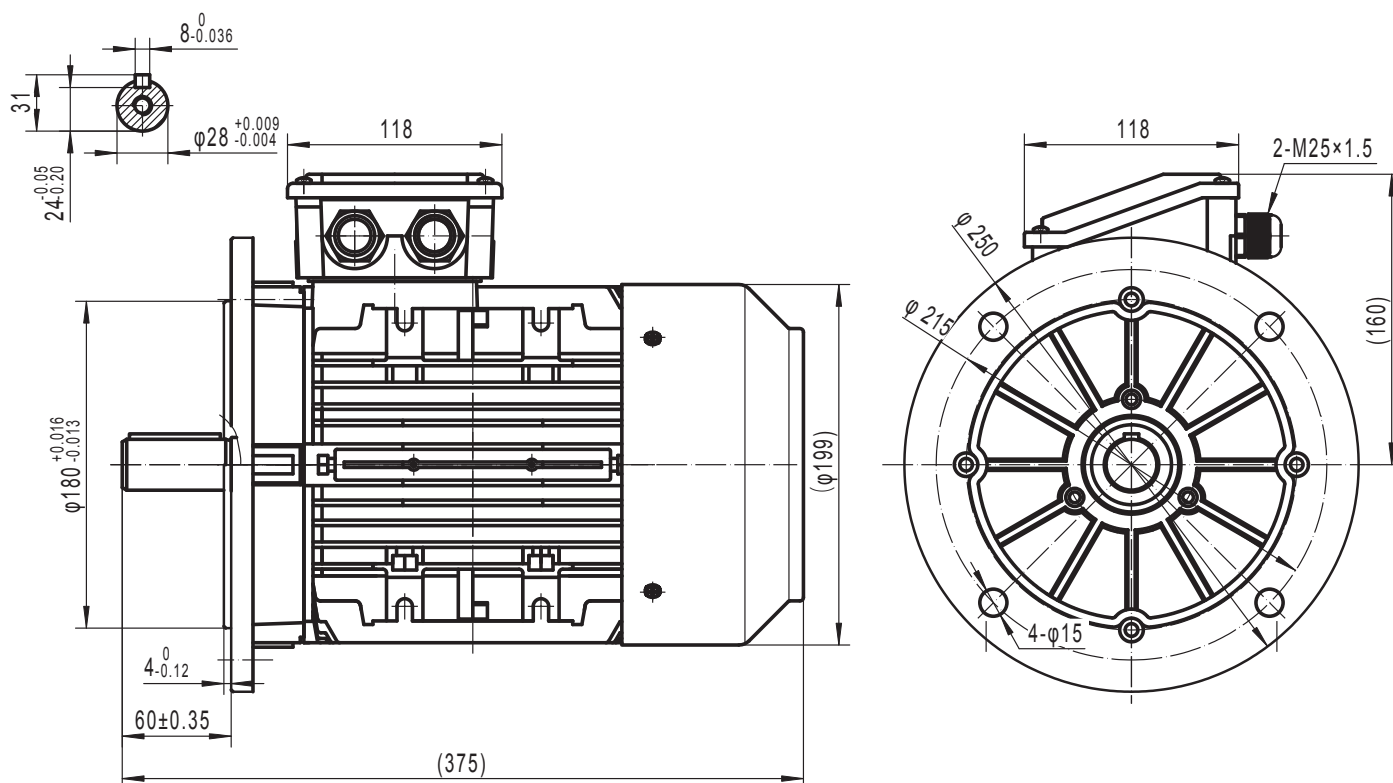
Motor type T3A100LA-4 2,2KW 500V B5  
Brand BUSCK  
Item number 93C41002

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 2,2      | 50           | 3,6       | 1450      |
| 575       | 2,53     | 60           | 3,6       | 1740      |

|                        |                |                          |              |
|------------------------|----------------|--------------------------|--------------|
| Duty                   | S1             | Efficiency class         | IE3          |
| Enclosure              | IP55           | Efficiency, load 100%    | 87,1         |
| Insulation class       | F              | Efficiency, load 75%     | 87,7         |
| Cooling                | IC411 (TEFC)   | Efficiency, load 50%     | 86,7         |
| Max. ambient temp.     | 45°C           | Power fact, load 100%    | 0,82         |
| Min. ambient temp.     | -20°C          |                          |              |
| Max. temp. rise        | 80 K           | Painting                 | Standard     |
| Max altitude, masl     | 1000           | Color                    | RAL 9005     |
|                        |                | Weight kg                | 23,9         |
| Torque, Nm             | 14,5           | Sound pressure Lp dB(A)  | 72           |
| Starting torque ratio  | 3              | Bearing DE               | 6206-2Z/C3   |
| Pull up torque ratio   | 2,18           | Bearing NDE              | 6206-2Z/C3   |
| Pull out torque ratio  | 3,43           | Balance grade            | Normal       |
| Starting current ratio | 7,9            | Inertia kgm <sup>2</sup> | 0,0027       |
| Winding protection     | Thermocontacts | Cable entries            | 1xM20, 1xM16 |

This motor has DNV type approval

Note IE3, Termokontakter



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