

# T3A90L-4 1,5KW 500V B3

## Three-phase asynchronous motor in aluminum

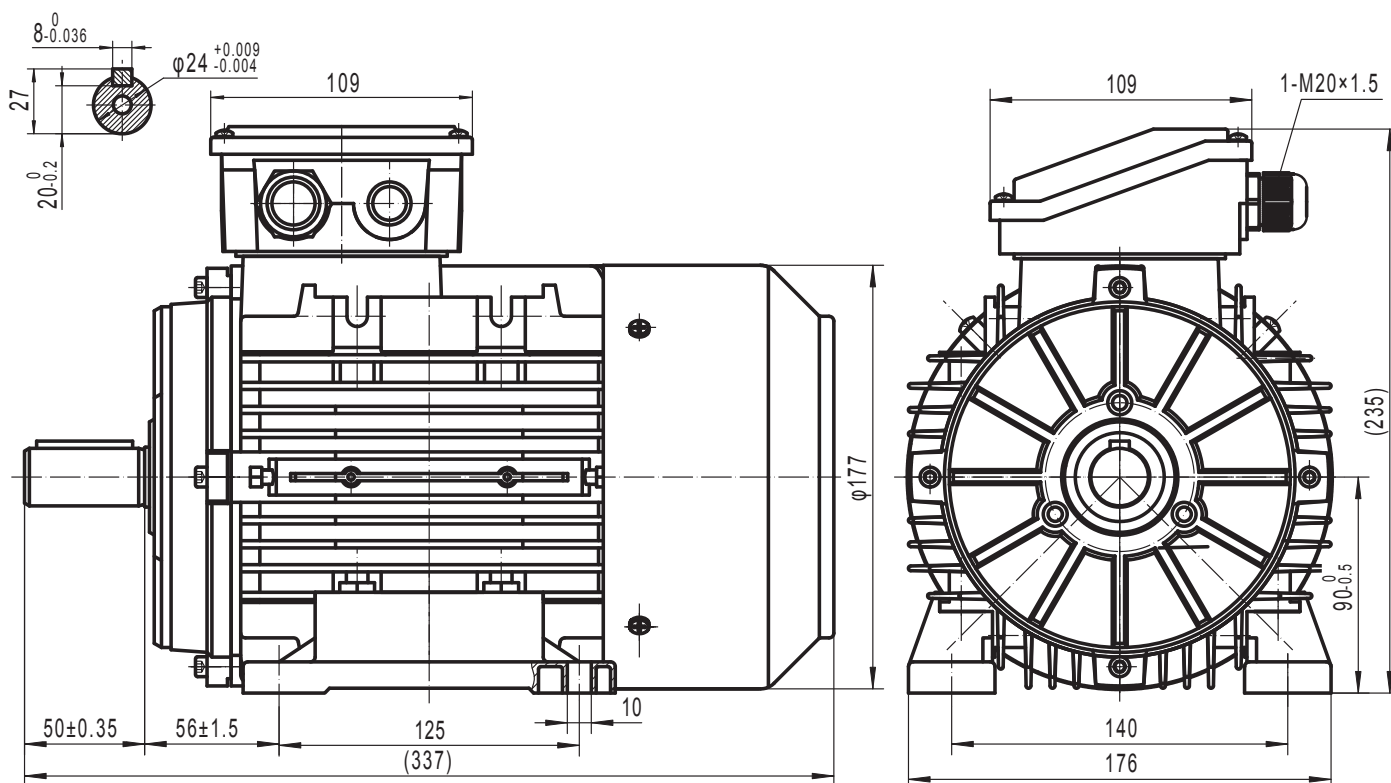
Motor type T3A90L-4 1,5KW 500V B3  
Brand BUSCK  
Item number 93C40911

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 1,5      | 50           | 2,9       | 1445      |
| 575       | 1,73     | 60           | 2,9       | 1734      |

|                        |                |                          |            |
|------------------------|----------------|--------------------------|------------|
| Duty                   | S1             | Efficiency class         | IE3        |
| Enclosure              | IP55           | Efficiency, load 100%    | 85,7       |
| Insulation class       | F              | Efficiency, load 75%     | 86         |
| Cooling                | IC411 (TEFC)   | Efficiency, load 50%     | 84,3       |
| Max. ambient temp.     | 45°C           | Power fact, load 100%    | 0,72       |
| Min. ambient temp.     | -20°C          |                          |            |
| Max. temp. rise        | 80 K           | Painting                 | Standard   |
| Max altitude, masl     | 1000           | Color                    | RAL 9005   |
|                        |                | Weight kg                | 18         |
| Torque, Nm             | 9,9            | Sound pressure Lp dB(A)  | 72         |
| Starting torque ratio  | 3,9            | Bearing DE               | 6205-2Z/C3 |
| Pull up torque ratio   | 2,56           | Bearing NDE              | 6205-2Z/C3 |
| Pull out torque ratio  | 3,47           | Balance grade            | Normal     |
| Starting current ratio | 7,2            | Inertia kgm <sup>2</sup> | 0,0022     |
| Winding protection     | Thermocontacts | Cable entries            | 1xM20      |

This motor has DNV type approval

Note IE3, Termokontakter



**BUSCK**  
www.busck.eu

Busck & Co AB  
Gamla Riksvägen 14  
428 32 Göteborg  
Sweden  
556027-1990  
info@busck.se

Busck & Co ApS  
Postboks 108  
0900 København C  
Denmark  
info@busck.eu

Busck AS  
Skibåsen 35C  
4636 Kristiansand  
Norway  
info@busck.no