

# T3A90L-2 2,2KW 230/400V B5

## Three-phase asynchronous motor in aluminum

Motor type T3A90L-2 2,2KW 230/400V B5  
Brand BUSCK  
Item number 93020912

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 2,2      | 50           | 7,83      | 2910      |
| 400       | 2,2      | 50           | 4,5       | 2910      |
| 460       | 2,53     | 60           | 4,5       | 3492      |

|                                  |                |                          |            |
|----------------------------------|----------------|--------------------------|------------|
| Duty                             | S1             | Efficiency class         | IE3        |
| Enclosure                        | IP55           | Efficiency, load 100%    | 85,9       |
| Insulation class                 | F              | Efficiency, load 75%     | 86,1       |
| Cooling                          | IC411 (TEFC)   | Efficiency, load 50%     | 84,7       |
| Max. ambient temp.               | 45°C           | Power fact, load 100%    | 0,82       |
| Min. ambient temp.               | -20°C          | Painting                 | Standard   |
| Max. temp. rise                  | 80 K           | Color                    | RAL 9005   |
| Max altitude, masl               | 1000           | Weight kg                | 16,3       |
| Torque, Nm                       | 7,22           | Sound pressure Lp dB(A)  | 72         |
| Starting torque ratio            | 3,1            | Bearing DE               | 6205-2Z/C3 |
| Pull up torque ratio             | 2,2            | Bearing NDE              | 6205-2Z/C3 |
| Pull out torque ratio            | 3,5            | Balance grade            | Normal     |
| Starting current ratio           | 8,1            | Inertia kgm <sup>2</sup> | 0,0026359  |
| Winding protection               | Thermocontacts | Cable entries            | 1xM20      |
| This motor has DNV type approval |                |                          |            |

Note IE3, Termokontakter

