

# T3A100LB-4 3KW 500V B5

## Three-phase asynchronous motor in aluminum

Motor type T3A100LB-4 3KW 500V B5  
Brand BUSCK  
Item number 93C41012

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 3        | 50           | 5         | 1450      |
| 575       | 3,45     | 60           | 5         | 1740      |

|                                  |                |                          |              |
|----------------------------------|----------------|--------------------------|--------------|
| Duty                             | S1             | Efficiency class         | IE3          |
| Enclosure                        | IP55           | Efficiency, load 100%    | 87,7         |
| Insulation class                 | F              | Efficiency, load 75%     | 88,2         |
| Cooling                          | IC411 (TEFC)   | Efficiency, load 50%     | 87,2         |
| Max. ambient temp.               | 45°C           | Power fact, load 100%    | 0,78         |
| Min. ambient temp.               | -20°C          |                          |              |
| Max. temp. rise                  | 80 K           | Painting                 | Standard     |
| Max altitude, masl               | 1000           | Color                    | RAL 9005     |
|                                  |                | Weight kg                | 28,3         |
| Torque, Nm                       | 19,8           | Sound pressure Lp dB(A)  | 76           |
| Starting torque ratio            | 3,4            | Bearing DE               | 6206-2Z/C3   |
| Pull up torque ratio             | 2,63           | Bearing NDE              | 6206-2Z/C3   |
| Pull out torque ratio            | 3,62           | Balance grade            | Normal       |
| Starting current ratio           | 8,1            | Inertia kgm <sup>2</sup> | 0,0047       |
| Winding protection               | Thermocontacts | Cable entries            | 1xM20, 1xM16 |
| This motor has DNV type approval |                |                          |              |

Note IE3, Termokontakter

