

# T3AB112M-2 4KW 230/400V B5

## Three-phase asynchronous brake motor in aluminum

Motor type T3AB112M-2 4KW 230/400V B5  
Brand BUSCK  
Item number B3A21122e

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 4        | 50           | 12,52     | 2920      |
| 400       | 4        | 50           | 7,2       | 2920      |
| 460       | 4,6      | 60           | 7,2       | 3504      |

|                        |                 |                         |             |
|------------------------|-----------------|-------------------------|-------------|
| Duty                   | S1              | Efficiency class        | IE3         |
| Enclosure              | IP55            | Efficiency, load 100%   | 88,1        |
| Insulation class       | F               | Efficiency, load 75%    | 88,2        |
| Cooling                | IC411 (TEFC)    | Efficiency, load 50%    | 87          |
| Max. ambient temp.     | 40°C            | Power fact, load 100%   | 0,91        |
| Min. ambient temp.     | -20°C           |                         |             |
| Max. temp. rise        | 80 K            | Painting                | Standard    |
| Max altitude, masl     | 1000            | Color                   | RAL 9005    |
|                        |                 | Weight kg               | 37,25       |
| Torque, Nm             | 13,13           | Sound pressure Lp dB(A) | 77          |
| Starting torque ratio  | 3,4             | Bearing DE              | 6306-2Z/C3  |
| Pull up torque ratio   | 2,4             | Bearing NDE             | 6206-2Z/C3  |
| Pull out torque ratio  | 3,9             | Balance grade           | Normal      |
| Starting current ratio | 10,5            | Inertia kgm2            | 0,009251268 |
| Note                   | Brake motor IE3 | Brake torque, Nm        | 45          |

