

# T3AB112MA-4 4KW 230/400V B5

## Three-phase asynchronous brake motor in aluminum

Motor type T3AB112MA-4 4KW 230/400V B5  
Brand BUSCK  
Item number B3A41122e

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 4        | 50           | 13,91     | 1450      |
| 400       | 4        | 50           | 8,0       | 1450      |
| 460       | 4,6      | 60           | 8,0       | 1740      |

|                        |                 |                         |            |
|------------------------|-----------------|-------------------------|------------|
| Duty                   | S1              | Efficiency class        | IE3        |
| Enclosure              | IP55            | Efficiency, load 100%   | 88,6       |
| Insulation class       | F               | Efficiency, load 75%    | 88,8       |
| Cooling                | IC411 (TEFC)    | Efficiency, load 50%    | 88,2       |
| Max. ambient temp.     | 40°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               | 41,05      |
| Torque, Nm             | 26,34           | Sound pressure Lp dB(A) | 65         |
| Starting torque ratio  | 3,1             | Bearing DE              | 6306-2Z/C3 |
| Pull up torque ratio   | 2,6             | Bearing NDE             | 6206-2Z/C3 |
| Pull out torque ratio  | 3,7             | Balance grade           | Normal     |
| Starting current ratio | 8,6             | Inertia kgm2            | 0,01529165 |
| Note                   | Brake motor IE3 | Brake torque, Nm        | 60         |

