

# T2AB90L-8 0,55KW 230/400V B34

## Three-phase asynchronous brake motor in aluminum

Motor type T2AB90L-8 0,55KW 230/400V B34  
Brand BUSCK  
Item number B3080915e

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230       | 0,55     | 50           | 3,67      | 705       |
| 400       | 0,55     | 50           | 2,11      | 705       |
| 460       | 0,63     | 60           | 2,11      | 846       |

|                        |                 |                          |             |
|------------------------|-----------------|--------------------------|-------------|
| Duty                   | S1              | Efficiency class         | IE2         |
| Enclosure              | IP55            | Efficiency, load 100%    | 65          |
| Insulation class       | F               | Efficiency, load 75%     | 62,6        |
| Cooling                | IC411 (TEFC)    | Efficiency, load 50%     | 55,6        |
| Max. ambient temp.     | 40°C            | Power fact, load 100%    | 0,58        |
| Min. ambient temp.     | -20°C           |                          |             |
| Max. temp. rise        | 80 K            | Painting                 | Standard    |
| Max altitude, masl     | 1000            | Color                    | RAL 9005    |
|                        |                 | Weight kg                | 17,32       |
| Starting torque ratio  | 1,9             | Sound pressure Lp dB(A)  | 56          |
| Pull up torque ratio   | 1,7             | Bearing DE               | 6205-2Z/C3  |
| Pull out torque ratio  | 2,3             | Bearing NDE              | 6205-2Z/C3  |
| Starting current ratio | 3,4             | Balance grade            | Normal      |
|                        |                 | Inertia kgm <sup>2</sup> | 0,004281097 |
| Note                   | Brake motor IE2 | Cable entries            | 1xM20       |
|                        |                 | Brake torque, Nm         | 16          |

