

T3A90S-2 1,5KW 230/400V B14

Three-phase asynchronous motor in aluminum

Motor type T3A90S-2 1,5KW 230/400V B14
 Brand BUSCK
 Item number 93020903

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 230 | 1,5 | 50 | 5,39 | 2900 |
| 400 | 1,5 | 50 | 3,1 | 2900 |
| 460 | 1,73 | 60 | 3,1 | 3480 |

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|------------------------|----------------|--------------------------|------------|
| Duty | S1 | Efficiency class | IE3 |
| Enclosure | IP55 | Efficiency, load 100% | 84,2 |
| Insulation class | F | Efficiency, load 75% | 83,8 |
| Cooling | IC411 (TEFC) | Efficiency, load 50% | 81,4 |
| Max. ambient temp. | 40°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 | 14 |
| Torque, Nm | 4,94 | Sound pressure Lp dB(A) | 72 |
| Starting torque ratio | 3,5 | Bearing DE | 6205-2Z/C3 |
| Pull up torque ratio | 2,1 | Bearing NDE | 6205-2Z/C3 |
| Pull out torque ratio | 3,7 | Balance grade | Normal |
| Starting current ratio | 8,3 | Inertia kgm ² | 0,0021857 |
| Winding protection | Thermocontacts | Cable entries | 1xM20 |

Note IE3, Termokontakter

