

# T3CR160M-6 7,5KW 400/690V B5

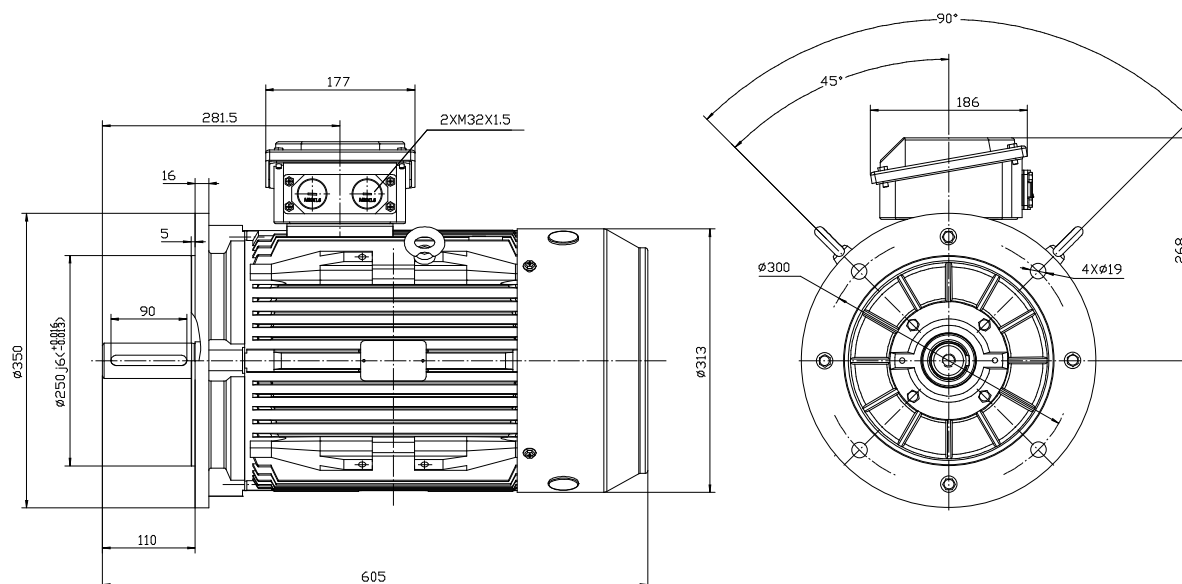
## Three-phase asynchronous motor in cast iron

Motor type T3CR160M-6 7,5KW 400/690V B5  
 Brand BUSCK  
 Item number 93061602T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 400       | 7,5      | 50           | 16,2      | 960       |
| 690       | 7,5      | 50           | 9,32      | 960       |
| 460       | 8,63     | 60           | 16,2      | 1152      |

|                                  |              |                         |              |
|----------------------------------|--------------|-------------------------|--------------|
| Duty                             | S1           | Efficiency class        | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%   | 89,1         |
| Insulation class                 | F            | Efficiency, load 75%    | 90,3         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%    | 88           |
| Max. ambient temp.               | 45°C         | Power fact, load 100%   | 0,75         |
| Max. temp. rise                  | 80 K         | Painting                | Standard     |
| Max altitude, masl               | 1000         | Color                   | RAL 9005     |
| Torque, Nm                       | 74,61        | Weight kg               | 139          |
| Starting torque ratio            | 2,3          | Sound pressure Lp dB(A) | 73           |
| Pull up torque ratio             | 1,4          | Bearing DE              | 6309 C3      |
| Pull out torque ratio            | 2,8          | Bearing NDE             | 6309 C3      |
| Starting current ratio           | 7,5          | Balance grade           | Normal       |
| Winding protection               | Thermistors  | Inertia kgm2            | 0,08726      |
| This motor has DNV type approval |              | Cable entries           | 2xM32, 1xM16 |

Note IE3



TC 160M B5

**BUSCK**  
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