

# T3C355L-6 250KW 500V B3

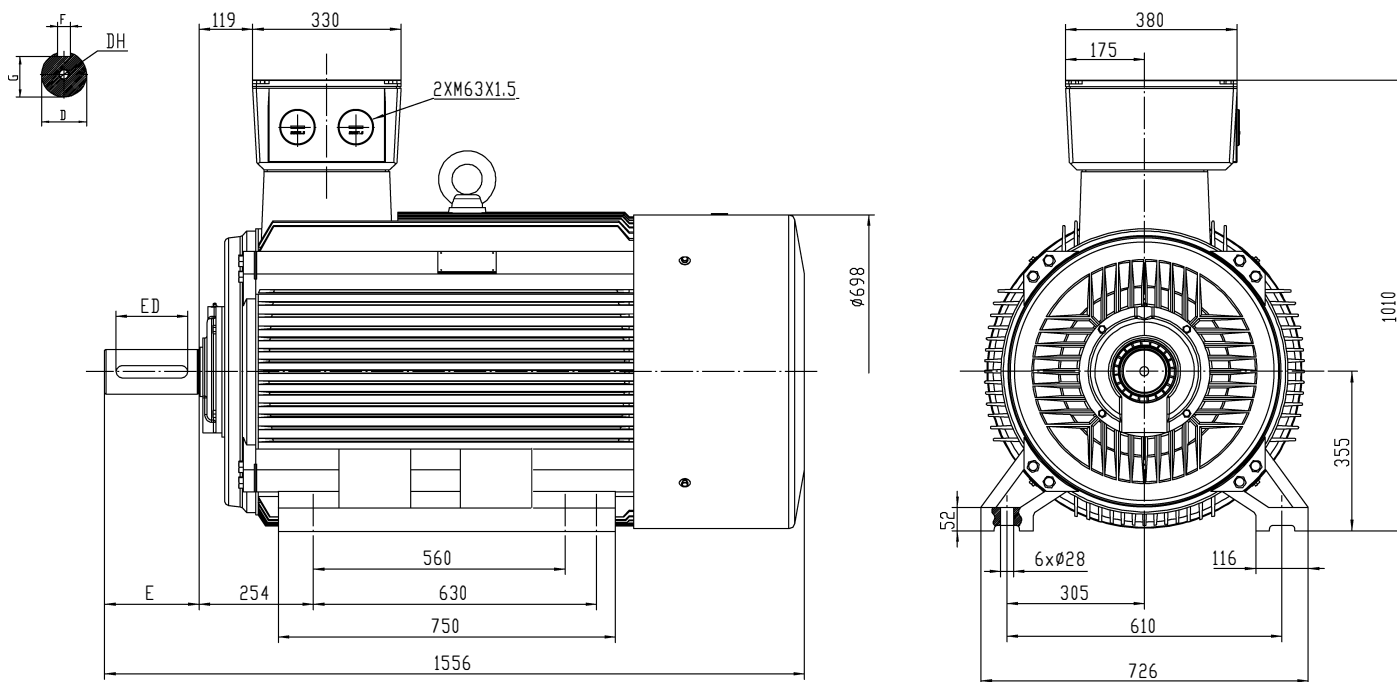
## Three-phase asynchronous motor in cast iron

Motor type T3C355L-6 250KW 500V B3  
Brand BUSCK  
Item number 93C63571T

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 250      | 50           | 367,48    | 980       |
| 575       | 287,5    | 60           | 367,48    | 1176      |

|                                  |              |                          |              |
|----------------------------------|--------------|--------------------------|--------------|
| Duty                             | S1           | Efficiency class         | IE3          |
| Enclosure                        | IP55         | Efficiency, load 100%    | 95,8         |
| Insulation class                 | F            | Efficiency, load 75%     | 95,6         |
| Cooling                          | IC411 (TEFC) | Efficiency, load 50%     | 95,8         |
| 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                | 1963         |
| Torque, Nm                       | 2436,22      | Sound pressure Lp dB(A)  | 92           |
| Starting torque ratio            | 2            | Bearing DE               | 63322 C3     |
| Pull up torque ratio             | 1,3          | Bearing NDE              | 6322 C3      |
| Pull out torque ratio            | 2,3          | Balance grade            | Normal       |
| Starting current ratio           | 7,5          | Inertia kgm <sup>2</sup> | 13,56011     |
| Winding protection               | Thermistors  | Cable entries            | 2xM63, 1xM16 |
| This motor has DNV type approval |              |                          |              |

Note IE3



| TYPE             | D    | E   | F        | G  | DH     | ED  | L    |            |
|------------------|------|-----|----------|----|--------|-----|------|------------|
| Y2-355M/L-4/6/8P | Ø100 | 210 | 28-Ø.052 | 90 | M24x50 | 160 | 1570 | Long shaft |

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