



WAT Motor  
Sanayi ve Ticaret A.Ş.



Motor type Q2MPC63M2A

### Electrical Data

| RATED VALUES |       |    |       |         |        |       | STARTING VALUES                 |                                 | BREAKDOWN | EFFICIENCY |      |      | CAPACITOR |        | EFFICIENCY CLASS |
|--------------|-------|----|-------|---------|--------|-------|---------------------------------|---------------------------------|-----------|------------|------|------|-----------|--------|------------------|
| VOLTAGE      | POWER |    | SPEED | CURRENT | TORQUE | cos φ | CURRENT                         | TORQUE                          | TORQUE    | %          |      |      | Crun      | Cstart | IEC 60034-30-1   |
| V            | kW    | Hz | rpm   | A       | Nm     | 4/4   | I <sub>A</sub> / I <sub>N</sub> | M <sub>A</sub> / M <sub>N</sub> | Mk / Mn   | 4/4        | 3/4  | 2/4  | uF        | uF     | IE               |
| 230          | 0,18  | 50 | 2783  | 1,4     | 0,6    | 0,96  | 3,7                             | 0,8                             | 2,3       | IE2-60,4   | 54,6 | 44,7 | 10        | —      | IE2              |
|              |       |    |       |         |        |       |                                 |                                 |           |            |      |      |           |        |                  |
|              |       |    |       |         |        |       |                                 |                                 |           |            |      |      |           |        |                  |

### Mechanical Data

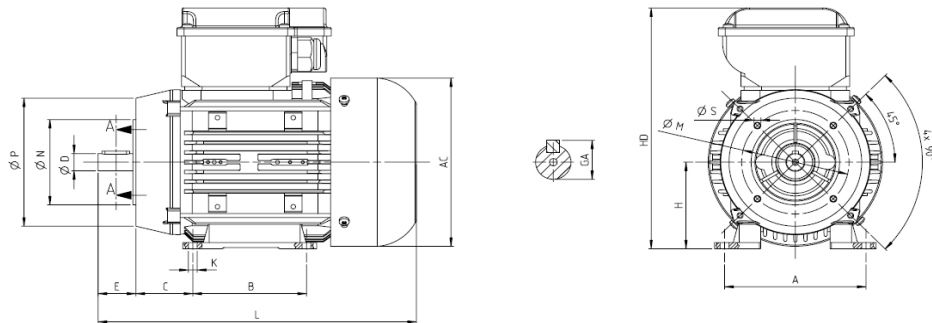
|                            |                   |                          |                 |
|----------------------------|-------------------|--------------------------|-----------------|
| Bearing DE                 | 6201 ZZ           | Color                    | RAL 6011        |
| Bearing NDE                | 6201 ZZ           | Motor protection         | No              |
| Lubricants                 | No                | Method of cooling        | IC 411          |
| Condensation drain hole    | No                | Terminal box position    | Top             |
| External earthing terminal | Yes               | Material of terminal box | Aluminium       |
| Vibration class            | A                 | Terminal plate thread    | M4              |
| Insulation Class           | F                 | Cable gland              | 1xM20           |
| Duty type                  | S1                | Clamping range           | 10-14 mm        |
| Direction of rotation      | Counter Clockwise | Mounting type            | IM 2101 (B34-A) |
| Housing material           | Aluminium         |                          |                 |
| Type of balancing          | Half Key          |                          |                 |

### Environmental Data

### Others

|                          |               |                                         |             |
|--------------------------|---------------|-----------------------------------------|-------------|
| Ambient Temperature      | -20 / + 40 °C | Type of protection                      | IP56        |
| Altitude above sea level | 1000 m        | Moment of Inertia (kg.mm <sup>2</sup> ) | 0,00021     |
|                          |               | Standard                                | IEC 60034-1 |

### Dimensions



| Main Dimensions |     | Foot Mounted Motors |     |    |       |   |    |    | Shaft |      |   | Flange Mounted Motors |    |    |   |
|-----------------|-----|---------------------|-----|----|-------|---|----|----|-------|------|---|-----------------------|----|----|---|
| AC              | L   | B                   | A   | H  | HD    | K | C  | D  | E     | GA   | F | P                     | N  | M  | R |
| 123             | 220 | 80                  | 100 | 63 | 181,5 | 7 | 40 | 11 | 23    | 12,5 | 4 | 90                    | 60 | 75 | 4 |