



WAT Motor  
Sanayi ve Ticaret A.Ş.



## Three Phase Squirrel Cage Induction Motor

Motor Type: Q3HFB132M6B

### Electrical Data

| RATED VALUES |       |    |       |          |        |       | STARTING VALUES                      |     |                                      |     | BREAKDOWN     | EFFICIENCY |      |      | EFFICIENCY CLASS |
|--------------|-------|----|-------|----------|--------|-------|--------------------------------------|-----|--------------------------------------|-----|---------------|------------|------|------|------------------|
| VOLTAGE      | POWER |    | SPEED | CURRENT  | TORQUE | cos Φ | CURRENT                              |     | TORQUE                               |     | TORQUE        |            |      |      | IEC 60034-30-1   |
| V            | kW    | Hz | rpm   | A        | Nm     | 4/4   | I <sub>A</sub> / I <sub>N</sub><br>Y | D   | M <sub>A</sub> / M <sub>N</sub><br>Y | D   | Mk / Mn<br>Nm | 4/4        | 3/4  | 2/4  | IE               |
| 400/690      | 5,5   | 50 | 971,2 | 12,6/7,3 | 54,1   | 0,75  |                                      | 5,4 |                                      | 1,5 | 2,6           | 87,2       | 88   | 87,3 | IE3              |
| 460/795      | 5,5   | 60 | 1180  | 11,3/6,5 | 44,5   | 0,69  |                                      | 5,2 |                                      | 1,7 | 3,4           | 91         | 91,1 | 89,9 | IE3              |
|              |       |    |       |          |        |       |                                      |     |                                      |     |               |            |      |      |                  |
|              |       |    |       |          |        |       |                                      |     |                                      |     |               |            |      |      |                  |

### Mechanical Data

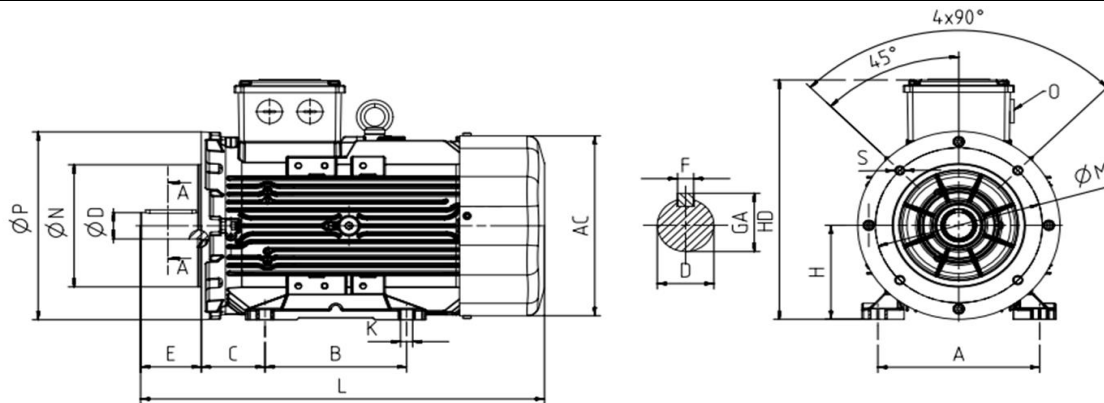
|                            |                       |                          |                 |
|----------------------------|-----------------------|--------------------------|-----------------|
| Bearing DE                 | 6208-ZZ               | Color                    | Optional        |
| Bearing NDE                | 6208-ZZ               | Motor protection         | Optional        |
| Lubricants                 | Shell Gadus S5 V220-2 | 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    | M6              |
| Insulation class           | F                     | Cable gland              | 1xM32           |
| Duty type                  | S1                    | Clamping range           | 18-25 mm        |
| Direction of rotation      | Clockwise             | Mounting type            | IM 3601 (B14-B) |
| Housing material           | Aluminum              |                          |                 |
| Type of balancing          | Half Key              |                          |                 |

### Enviromental Data

### Others

|                          |               |                                       |             |
|--------------------------|---------------|---------------------------------------|-------------|
| Ambient temperature      | -20 / + 40 °C | Type of protection                    | IP56        |
| Altitude above sea level | 1000 m        | Sound pressure level 50/60Hz          | dBA 73      |
|                          |               | Moment of inertia (kgm <sup>2</sup> ) | 0,05940     |
|                          |               | Standard                              | IEC 60034-1 |
|                          |               | Weight (kg)                           | 63,5        |

### 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   | S   |
| 260             | 481 | —                   | — | — | —  | — | — | 38    | 80 | 41 | 10 | 250                   | 180 | 215 | M12 |