



WAT Motor  
Sanayi ve Ticaret A.Ş.



## Three Phase Squirrel Cage Induction Motor

Motor Type: Q1HFC132M2-4B

### 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>D | YY  | M <sub>A</sub> / M <sub>N</sub><br>D | YY  | Mk/ Mn<br>Nm | 4/4        | 3/4 | 2/4 | IE               |
| 400          | 6,5   | 50 | 1461  | 13,1    | 42,5   | 0,86  | 8,9                                  |     | 3,3                                  |     | 5,6          |            |     |     |                  |
| 400          | 8     | 50 | 2917  | 16,8    | 26,2   | 0,85  |                                      | 6,7 |                                      | 3,5 | 5,8          |            |     |     |                  |
|              |       |    |       |         |        |       |                                      |     |                                      |     |              |            |     |     |                  |
|              |       |    |       |         |        |       |                                      |     |                                      |     |              |            |     |     |                  |

### Mechanical Data

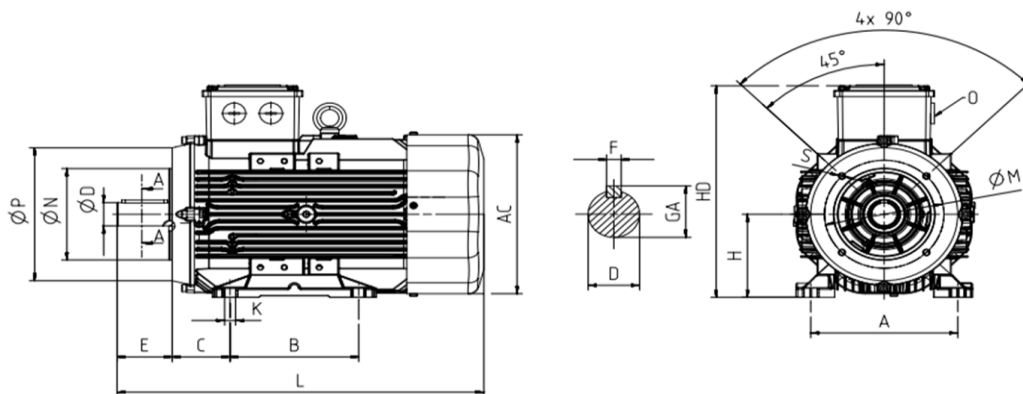
|                            |                       |                          |                 |
|----------------------------|-----------------------|--------------------------|-----------------|
| Bearing DE                 | 6208-ZZ               | Color                    | Optional        |
| 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-A) |
| Housing material           | Aluminium             |                          |                 |
| 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         | 73 dBA      |
|                          |               | Moment of inertia ( $\text{kgm}^2$ ) | 0,02763     |
|                          |               | Standard                             | IEC 60034-1 |
|                          |               | Weight (kg)                          | 59,0        |

### 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 |                     |   |   |    |   |   |   |       |    |   | 200                   | 130 | 165 | M10 |