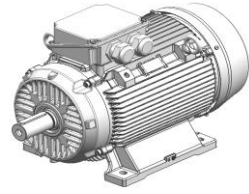




WAT Motor  
Sanayi ve Ticaret A.Ş.

## Three Phase Squirrel Cage Induction Motor

Motor type Q3HSG132S2D40-KG



### 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      | 7,5   | 50 | 2903  | 13,5/7,8 | 24,70  | 0,9   | -                                      | 11   | -                                      | 4,2 | 5,2          | 90,1       | 89,8 | 88,9 | IE3              |
| 460/795      | 8,6   | 60 | 3510  | 12,9/7,4 | 23,50  | 0,89  | -                                      | 10,8 | -                                      | 4   | 5,1          | -          | -    | -    |                  |
|              |       |    |       |          |        |       |                                        |      |                                        |     |              |            |      |      |                  |
|              |       |    |       |          |        |       |                                        |      |                                        |     |              |            |      |      |                  |

### Mechanical Data

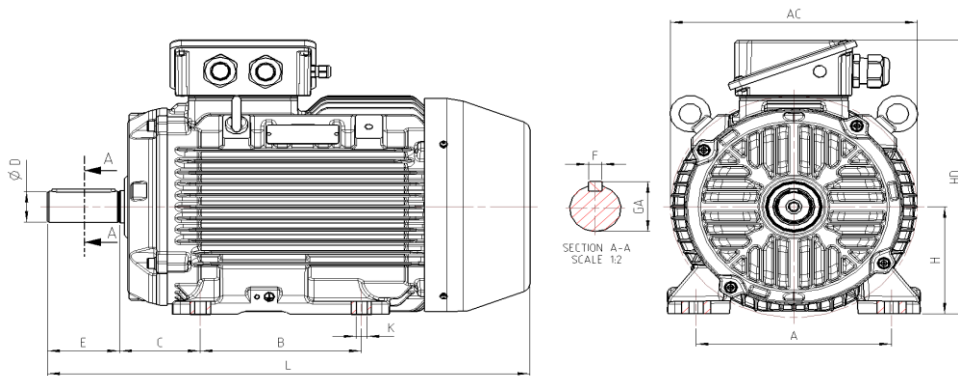
|                            |            |                          |              |
|----------------------------|------------|--------------------------|--------------|
| Bearing DE                 | 6308-ZZ C3 | Color                    | RAL 3009     |
| Bearing NDE                | 6306-ZZ C3 | Motor protection         | -            |
| Lubricants                 | Standart   | Method of cooling        | IC411 (TEFC) |
| Condensation drain hole    | Optional   | Terminal box position    | Top          |
| External earthing terminal | Yes        | Material of terminal box | Cast Iron    |
| Vibration class            | A          | Terminal plate thread    | M5           |
| Insulation Class           | F          | Cable gland              | 2xM25G       |
| Duty type                  | S1         | Clamping range           | 18-25 mm     |
| Direction of rotation      | CW/CCW     | Mounting type            | IM 1001 (B3) |
| Housing material           | Cast Iron  |                          |              |
| Type of balancing          | H          |                          |              |

### Environmental Data

### Others

|                          |               |                               |             |
|--------------------------|---------------|-------------------------------|-------------|
| Ambient Temperature      | -20 / + 40 °C | Type of protection            | IP 56       |
| Altitude above sea level | 1000 m        | Sound Pressure Level 50Hz dBA | 69          |
|                          |               | Moment of Inertia (kg.mm2)    | 0,0093186   |
|                          |               | 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 | S |
| 222             | 491 | 140                 | 216 | 132 | 311 | 12 | 89 | 38    | 80 | 41 | 10 | -                     | - | - | - |