



WAT Motor  
Sanayi ve Ticaret A.Ş.



## Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2H132S2-4B40-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> | Y    | M <sub>A</sub> / M <sub>N</sub> | Y    | Mk / Mn<br>Nm | 4/4        | 3/4 | 2/4 | IE               |
| 400          | 6     | 50 | 2963  | 15,4    | 19,3   | 0,70  | 8,50                            |      | 3,30                            |      | 4,90          | 85,5       |     |     |                  |
| 400          | 1,5   | 50 | 1482  | 3,1     | 9,7    | 0,80  |                                 | 9,90 |                                 | 2,70 | 4,60          | 82         |     |     |                  |
|              |       |    |       |         |        |       |                                 |      |                                 |      |               |            |     |     |                  |
|              |       |    |       |         |        |       |                                 |      |                                 |      |               |            |     |     |                  |

### Mechanical Data

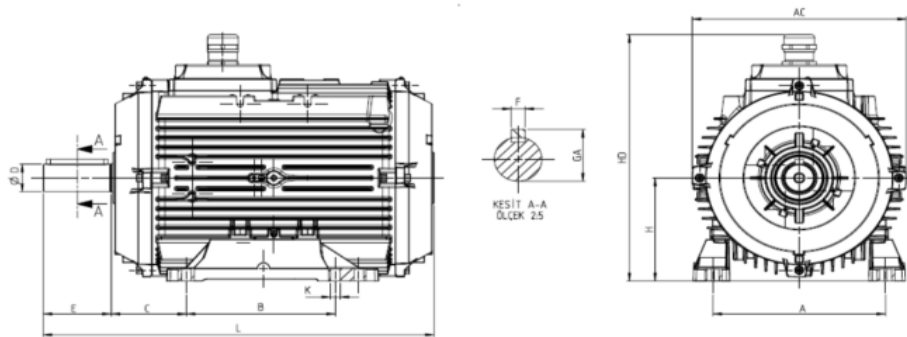
|                            |                                |                          |              |
|----------------------------|--------------------------------|--------------------------|--------------|
| Bearing DE                 | 6208 ZZ C4 DUPONT260C ORS      | Color                    | Optional     |
| Bearing NDE                | 6208 ZZ C4 DUPONT260C ORS      | Motor protection         | Optional     |
| Lubricants                 | Dupont GPL 226 Krytox (260 C°) | Method of cooling        | IC 418       |
| Condensation drain hole    | No                             | Terminal box position    | Top          |
| External earthing terminal | Yes                            | Material of terminal box | Aluminium    |
| Vibration class            | A                              | Cable gland              | M32x1.5      |
| Insulation class           | H                              | Clamping range           | 18-25        |
| Duty type                  | S1                             | Mounting type            | IM 1001 (B3) |
| Direction of rotation      | Clockwise                      |                          |              |
| 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          | dBA 73/63                     |
|                          |               | Moment of inertia (kgm <sup>2</sup> ) | 0,03560                       |
|                          |               | Standard                              | IEC 60034-1                   |
|                          |               | Weight (kg)                           | 62,4                          |
|                          |               | Resistance to fire                    | 300 C° 2 Hour F300 EN 12101-3 |

### 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             | 490 | 140                 | 216 | 132 | 323 | 12 | 89 | 38    | 80 | 41 | 10 |                       |   |   |   |