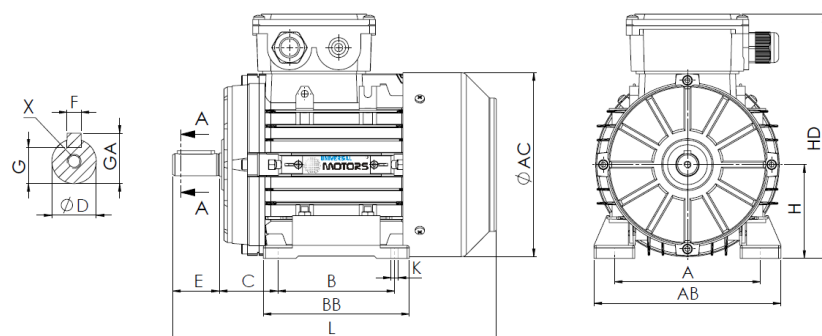


Technical Data Sheet  
Electric Motor Three phase in Aluminum IE1



L (standard motor)

245

L (motor w/brake)

300

L (motor w/forced ventilation)

350

L (motor without ventilation)

212

| Feet |     |    |    |   | Shaft |    |   |    |    |       | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|----|----|---|-------|----|---|----|----|-------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B  | C  | K | D     | E  | F | G  | GA | X     | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 71   | 112 | 90 | 45 | 7 | 14j6  | 30 | 5 | 11 | 16 | M5x12 | 142     | 110 | 138 | 198 | -      | - | - | - | - |

### Electrical Data

|                 |             |       |
|-----------------|-------------|-------|
| Type            | UM1A 71M3-4 |       |
| Poles           | 4/1500      | Poles |
| Power           | 0.55        | Kw    |
| Voltage         | 400         | V     |
| Frequency       | 50          | Hz    |
| Speed           | 1380        | rpm   |
| Nominal current | 1.60        | A     |
| Power factor    | 0.75        |       |
| Efficiency 100% | 66.0        | %     |
| Efficiency 75%  | 66.5        | %     |
| Efficiency 50%  | 63.0        | %     |
| Torque          | 3.81        | N.m   |
| Ta/Tn           | 2.2         |       |
| Ia/In           | 4.7         |       |
| Tm/Tn           | 2.3         |       |

### Mechanical Data

|                       |            |
|-----------------------|------------|
| Shaft height          | 71         |
| Construction form     | B3         |
| Mechanical protection | 55         |
| Heating class         | B          |
| Insulation class      | F          |
| Service               | S3-70%     |
| Ambient temp.         | -10°C-40°C |
| Altitude              | 1000       |
| Noise                 | 57 dB(A)   |
| Weight                | 7.1 kg     |
| Bearing DE            | 6202 2Z C3 |
| Bearing NDE           | 6202 2Z C3 |

### Extra Data

#### Applicable brakes

|          |           |              |    |     |
|----------|-----------|--------------|----|-----|
| DC brake | REB-05-06 | Brake torque | 4  | N.m |
| AC brake | AC2       | Brake torque | 10 | N.m |

#### Applicable forced ventilations

|                                 |       |    |   |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 35 | W |
| Three-phase forced ventilation  | Power | 35 | W |

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