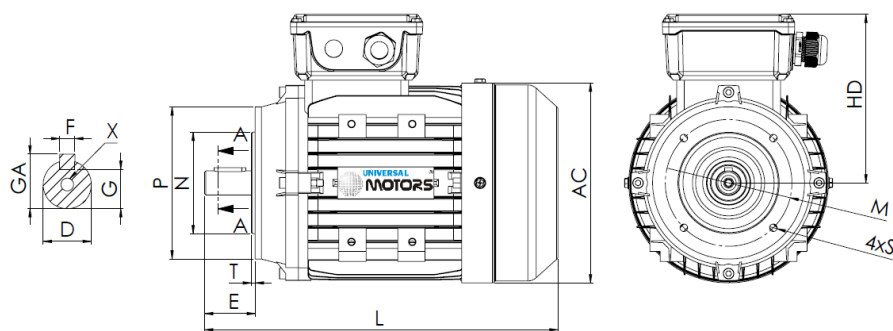


Technical Data Sheet  
Electric Motor Three phase in Aluminum IE1



L (standard motor)

220

L (motor w/brake)

292

L (motor w/forced ventilation)

320

L (motor without ventilation)

185

| Feet |   |   |   |   | Shaft |    |   |     |      |       | Carcass |    |     |     | Flange |    |    |    |     |
|------|---|---|---|---|-------|----|---|-----|------|-------|---------|----|-----|-----|--------|----|----|----|-----|
| H    | A | B | C | K | D     | E  | F | G   | GA   | X     | AB      | BB | AC  | HD  | M      | N  | P  | S  | T   |
| -    | - | - | - | - | 11j6  | 23 | 4 | 8.5 | 12.5 | M4x10 | -       | -  | 128 | 112 | 75     | 60 | 90 | M5 | 2.5 |

### Electrical Data

|                 |                  |       |  |
|-----------------|------------------|-------|--|
| Type            | BF31/UMA* 63M3-2 |       |  |
| Poles           | 2/3000           | Poles |  |
| Power           | 0.37             | Kw    |  |
| Voltage         | 400              | V     |  |
| Frequency       | 50               | Hz    |  |
| Speed           | 2700             | rpm   |  |
| Nominal current | 0.94             | A     |  |
| Power factor    | 0.78             |       |  |
| Efficiency 100% | 72.4             | %     |  |
| Efficiency 75%  | -                | %     |  |
| Efficiency 50%  | -                | %     |  |
| Torque          | 1.31             | N.m   |  |
| Ta/Tn           | 2.3              |       |  |
| Ia/In           | 5.0              |       |  |
| Tm/Tn           | 2.3              |       |  |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | -          |       |
| Construction form     | B14        |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S3-70%     |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 64         | dB(A) |
| Weight                | 4.7        | kg    |
| Bearing DE            | 6201 2Z C3 |       |
| Bearing NDE           | 6201 2Z C3 |       |

### Extra Data

#### Applicable brakes

|          |           |              |     |     |
|----------|-----------|--------------|-----|-----|
| DC brake | REB-05-06 | Brake torque | 4   | N.m |
| AC brake | AC1       | Brake torque | 4.5 | N.m |

#### Applicable forced ventilations

|                                 |       |    |   |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 25 | W |
| Three-phase forced ventilation  | Power | 25 | W |