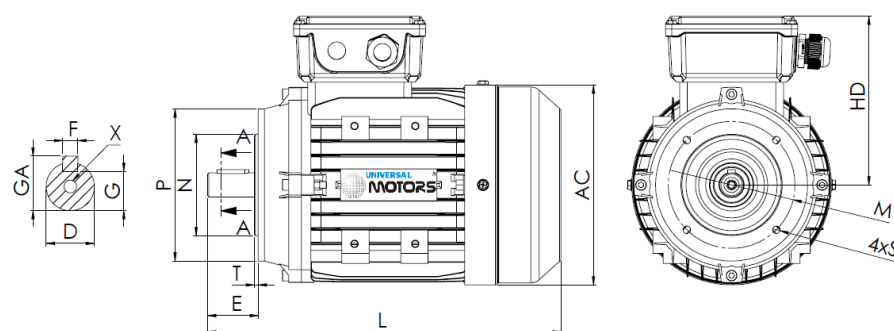


Technical Data Sheet  
Electric Motor Three phase in Aluminum IE3



L (standard motor)

390

L (motor w/brake)

490

L (motor w/forced ventilation)

505

L (motor without ventilation)

340

| Feet |   |   |   |   | Shaft |    |   |    |    |        | Carcass |    |     |     | Flange |     |     |    |     |
|------|---|---|---|---|-------|----|---|----|----|--------|---------|----|-----|-----|--------|-----|-----|----|-----|
| H    | A | B | C | K | D     | E  | F | G  | GA | X      | AB      | BB | AC  | HD  | M      | N   | P   | S  | T   |
| -    | - | - | - | - | 28j6  | 60 | 8 | 24 | 31 | M10x22 | -       | -  | 230 | 178 | 130    | 110 | 160 | M8 | 3.5 |

### Electrical Data

|                 |            |       |
|-----------------|------------|-------|
| Type            | PE31/UM3A* |       |
|                 | 112M-2     |       |
| Poles           | 2/3000     | Poles |
| Power           | 4.00       | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 2925       | rpm   |
| Nominal current | 7.45       | A     |
| Power factor    | 0.88       |       |
| Efficiency 100% | 88.1       | %     |
| Efficiency 75%  | 88.4       | %     |
| Efficiency 50%  | 86.7       | %     |
| Torque          | 13.06      | N.m   |
| Ta/Tn           | 2.3        |       |
| Ia/In           | 8.3        |       |
| Tm/Tn           | 2.3        |       |

### Mechanical Data

|                       |            |
|-----------------------|------------|
| Shaft height          | -          |
| Construction form     | B14        |
| Mechanical protection | 55         |
| Heating class         | B          |
| Insulation class      | F          |
| Service               | S1         |
| Ambient temp.         | -10°C-40°C |
| Altitude              | 1000       |
| Noise                 | 83 dB(A)   |
| Weight                | 34 kg      |
| Bearing DE            | 6306 2Z C3 |
| Bearing NDE           | 6306 2Z C3 |

### Extra Data

#### Applicable brakes

|          |           |              |    |     |
|----------|-----------|--------------|----|-----|
| DC brake | REB-05-14 | Brake torque | 60 | N.m |
| AC brake | NA        | Brake torque | NA | N.m |

#### Applicable forced ventilations

|                                 |       |    |   |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 80 | W |
| Three-phase forced ventilation  | Power | 80 | W |