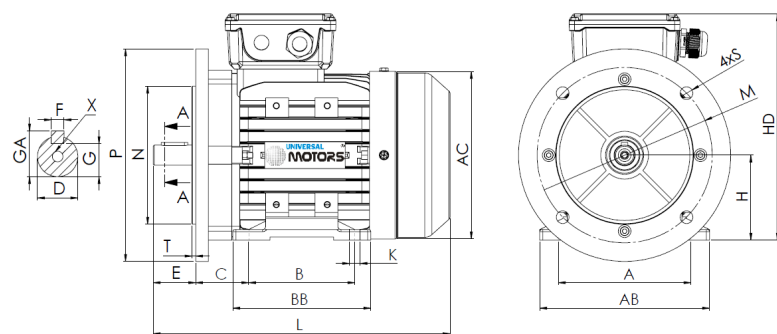


# Technical Data Sheet

## Electric Motor Three phase in Aluminum IE2



L (standard motor)

384

L (motor w/brake)

460

L (motor w/forced ventilation)

495

L (motor without ventilation)

339

| Feet |     |     |    |    | Shaft |    |   |    |    |        | Carcass |     |     |     | Flange |     |     |    |   |
|------|-----|-----|----|----|-------|----|---|----|----|--------|---------|-----|-----|-----|--------|-----|-----|----|---|
| H    | A   | B   | C  | K  | D     | E  | F | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N   | P   | S  | T |
| 100  | 160 | 140 | 63 | 12 | 28j6  | 60 | 8 | 24 | 31 | M10x22 | 198     | 176 | 205 | 252 | 215    | 180 | 250 | 15 | 4 |

### Electrical Data

| Type            | HE31/UMHA* |       |
|-----------------|------------|-------|
|                 | 100L2-2    |       |
| Poles           | 2/3000     | Poles |
| Power           | 4.00       | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 2860       | rpm   |
| Nominal current | 7.73       | A     |
| Power factor    | 0.87       |       |
| Efficiency 100% | 85.8       | %     |
| Efficiency 75%  | 87.8       | %     |
| Efficiency 50%  | 87.9       | %     |
| Torque          | 13.36      | N.m   |
| Ta/Tn           | 2.2        |       |
| Ia/In           | 7.0        |       |
| Tm/Tn           | 2.6        |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 100        |       |
| Construction form     | B35        |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S3-70%     |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 83         | dB(A) |
| Weight                | 25.6       | kg    |
| Bearing DE            | 6206 2Z C3 |       |
| Bearing NDE           | 6206 2Z C3 |       |

### Extra Data

#### Applicable brakes

|          |           |              |    |     |
|----------|-----------|--------------|----|-----|
| DC brake | REB-05-12 | Brake torque | 32 | N.m |
| AC brake | AC5       | Brake torque | 40 | N.m |

#### Applicable forced ventilations

|                                 |       |    |   |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 65 | W |
| Three-phase forced ventilation  | Power | 65 | W |