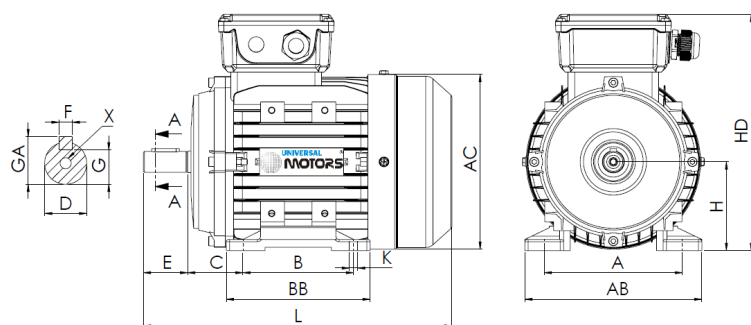


Technical Data Sheet  
Electric Motor Three phase in Aluminum IE2



L (standard motor)

417

L (motor w/brake)

520

L (motor w/forced ventilation)

515

L (motor without ventilation)

370

| Feet |     |     |    |    | Shaft |    |   |    |    |        | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|-----|----|----|-------|----|---|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B   | C  | K  | D     | E  | F | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 112  | 190 | 140 | 70 | 12 | 28j6  | 60 | 8 | 24 | 31 | M10x22 | 220     | 180 | 230 | 286 | -      | - | - | - | - |

### Electrical Data

| Type            | HE31/UMHA*<br>112M2-4 |       |
|-----------------|-----------------------|-------|
| Poles           | 4/1500                | Poles |
| Power           | 5.50                  | Kw    |
| Voltage         | 400                   | V     |
| Frequency       | 50                    | Hz    |
| Speed           | 1440                  | rpm   |
| Nominal current | 10.52                 | A     |
| Power factor    | 0.86                  |       |
| Efficiency 100% | 87.7                  | %     |
| Efficiency 75%  | 89.2                  | %     |
| Efficiency 50%  | 89.0                  | %     |
| Torque          | 36.47                 | N.m   |
| Ta/Tn           | 3                     |       |
| Ia/In           | 8.0                   |       |
| Tm/Tn           | 3.1                   |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 112        |       |
| Construction form     | B3         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S3-70%     |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 75         | dB(A) |
| Weight                | 41.2       | 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 | AC6       | Brake torque | 60 | N.m |

#### Applicable forced ventilations

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