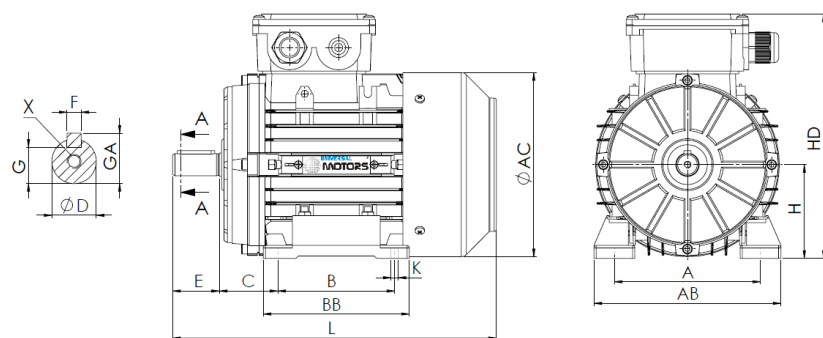


# Technical Data Sheet

## Electric Motor Three phase in Aluminum -



L (standard motor)

380

L (motor w/brake)

450

L (motor w/forced ventilation)

485

L (motor without ventilation)

328

| 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 | 205     | 183 | 199 | 267 | -      | - | - | - | - |

### Electrical Data

|                 |                |       |
|-----------------|----------------|-------|
| Type            | UMDA 100L1-4/8 |       |
| Poles           | 4/8            | Poles |
| Power           | 1,25 / 0,6     | Kw    |
| Voltage         | 400            | V     |
| Frequency       | 50             | Hz    |
| Speed           | 1400 / 700     | rpm   |
| Nominal current | 3,19 / 2,86    | A     |
| Power factor    | 0,82 / 0,56    |       |
| Efficiency 100% | 69 / 54        | %     |
| Efficiency 75%  | -              | %     |
| Efficiency 50%  | -              | %     |
| Torque          | 8,53 / 8,16    | N.m   |
| Ta/Tn           | 1,8 / 2,0      |       |
| Ia/In           | 5,0 / 3,5      |       |
| Tm/Tn           | 2,0 / 2,0      |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 100        |       |
| Construction form     | B3         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S1         |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | -          | dB(A) |
| Weight                | 21         | 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 |

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