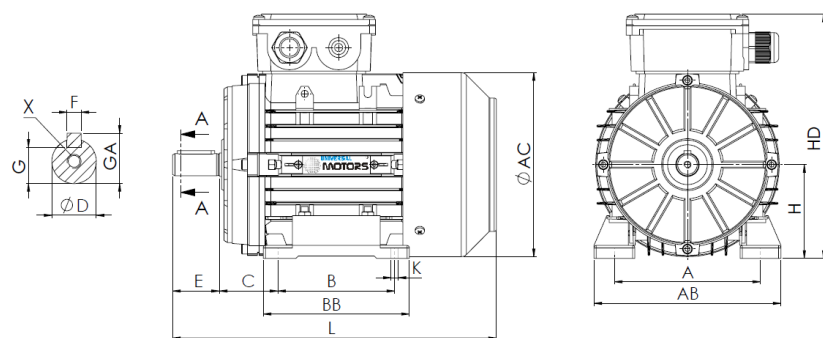


Technical Data Sheet  
Electric Motor Three phase in Aluminum IE3



L (standard motor)

455

L (motor w/brake)

550

L (motor w/forced ventilation)

575

L (motor without ventilation)

396

| Feet |     |     |    |    | Shaft |    |    |    |    |        | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|-----|----|----|-------|----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B   | C  | K  | D     | E  | F  | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 132  | 216 | 140 | 89 | 12 | 38k6  | 80 | 10 | 33 | 41 | M12x18 | 265     | 193 | 259 | 318 | -      | - | - | - | - |

### Electrical Data

|                 |              |       |
|-----------------|--------------|-------|
| Type            | UM3A 132S1-2 |       |
| Poles           | 2/3000       | Poles |
| Power           | 5.50         | Kw    |
| Voltage         | 400          | V     |
| Frequency       | 50           | Hz    |
| Speed           | 2930         | rpm   |
| Nominal current | 10.00        | A     |
| Power factor    | 0.89         |       |
| Efficiency 100% | 89.2         | %     |
| Efficiency 75%  | 89.4         | %     |
| Efficiency 50%  | 88.2         | %     |
| Torque          | 17.9         | N.m   |
| Ta/Tn           | 3.2          |       |
| Ia/In           | 10.0         |       |
| Tm/Tn           | 4            |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 132        |       |
| Construction form     | B3         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S1         |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 80         | dB(A) |
| Weight                | 43.4       | kg    |
| Bearing DE            | 6308 ZZ C3 |       |
| Bearing NDE           | 6208 ZZ C3 |       |

### Extra Data

#### Applicable brakes

|          |           |              |    |     |
|----------|-----------|--------------|----|-----|
| DC brake | REB-05-16 | Brake torque | 80 | N.m |
| AC brake | AC7       | Brake torque | 90 | N.m |

#### Applicable forced ventilations

|                                 |       |    |   |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 55 | W |
| Three-phase forced ventilation  | Power | 55 | W |

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