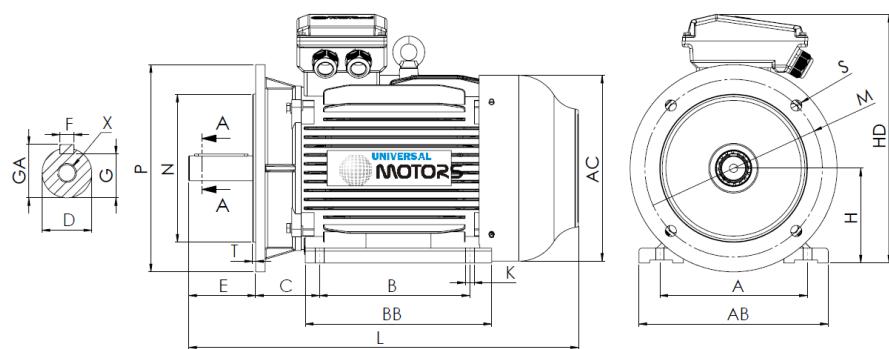


Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

540

L (motor w/brake)

685

L (motor w/forced ventilation)

645

L (motor without ventilation)

513

| 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 | 178 | 89 | 12 | 38k6  | 80 | 10 | 33 | 41 | M12x28 | 270     | 225 | 259 | 349 | 265    | 230 | 300 | 4x15 | 4 |

### Electrical Data

|                 |            |       |
|-----------------|------------|-------|
| Type            | PE30/UM3C* |       |
|                 | 132M2-6    |       |
| Poles           | 6/1000     | Poles |
| Power           | 5.50       | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 960        | rpm   |
| Nominal current | 12.02      | A     |
| Power factor    | 0.75       |       |
| Efficiency 100% | 88.0       | %     |
| Efficiency 75%  | 88.5       | %     |
| Efficiency 50%  | 87.5       | %     |
| Torque          | 54.7       | N.m   |
| Ta/Tn           | 2          |       |
| Ia/In           | 7.0        |       |
| Tm/Tn           | 2.1        |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 132        |       |
| Construction form     | B35        |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S1         |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 69         | dB(A) |
| Weight                | 81.5       | kg    |
| Bearing DE            | 6308 2Z C3 |       |
| Bearing NDE           | 6308 2Z 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 |