

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 |
| -    | - | - | - | - | 38k6  | 80 | 10 | 33 | 41 | M12x28 | -       | -  | 259 | 210 | 265    | 230 | 300 | 4x15 | 4 |

### Electrical Data

| Type            | PE30/UM3C* |       |
|-----------------|------------|-------|
|                 | 132M1-6    |       |
| Poles           | 6/1000     | Poles |
| Power           | 4.00       | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 960        | rpm   |
| Nominal current | 8.99       | A     |
| Power factor    | 0.74       |       |
| Efficiency 100% | 86.8       | %     |
| Efficiency 75%  | 87.5       | %     |
| Efficiency 50%  | 86.2       | %     |
| Torque          | 39.4       | N.m   |
| Ta/Tn           | 2          |       |
| Ia/In           | 6.8        |       |
| Tm/Tn           | 2.1        |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | -          |       |
| Construction form     | B5         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S1         |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 69         | dB(A) |
| Weight                | 74         | 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 |