

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1335

L (motor w/brake)

NA

L (motor w/forced ventilation)

1515

L (motor without ventilation)

1160

| Feet |   |   |   |   | Shaft |     |    |    |    |        | Carcass |    |     |     | Flange |     |     |      |   |
|------|---|---|---|---|-------|-----|----|----|----|--------|---------|----|-----|-----|--------|-----|-----|------|---|
| H    | A | B | C | K | D     | E   | F  | G  | GA | X      | AB      | BB | AC  | HD  | M      | N   | P   | S    | T |
| -    | - | - | - | - | 80m6  | 170 | 22 | 71 | 85 | M20x42 | -       | -  | 620 | 530 | 600    | 550 | 660 | 8x24 | 6 |

### Electrical Data

|                 |            |       |
|-----------------|------------|-------|
| Type            | PE30/UM3C* |       |
|                 | 315M-4     |       |
| Poles           | 4/1500     | Poles |
| Power           | 132.00     | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 1485       | rpm   |
| Nominal current | 224.00     | A     |
| Power factor    | 0.89       |       |
| Efficiency 100% | 95.6       | %     |
| Efficiency 75%  | 95.7       | %     |
| Efficiency 50%  | 94.8       | %     |
| Torque          | 848.8      | N.m   |
| Ta/Tn           | 2          |       |
| Ia/In           | 7.0        |       |
| Tm/Tn           | 2.2        |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | -          |       |
| Construction form     | B5         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S3-70%     |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 88         | dB(A) |
| Weight                | 1020       | kg    |
| Bearing DE            | NU 319     |       |
| Bearing NDE           | 6319 C3    |       |

### Extra Data

#### Applicable brakes

|          |    |              |    |     |
|----------|----|--------------|----|-----|
| DC brake | NA | Brake torque | NA | N.m |
| AC brake | NA | Brake torque | NA | N.m |

#### Applicable forced ventilations

|                                 |       |     |   |
|---------------------------------|-------|-----|---|
| Single-phase forced ventilation | Power | NA  | W |
| Three-phase forced ventilation  | Power | 450 | W |