

Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1040

L (motor w/brake)

NA

L (motor w/forced ventilation)

1195

L (motor without ventilation)

920

| Feet |   |   |   |   | Shaft |     |    |      |      |        | Carcass |    |     |     | Flange |     |     |      |   |
|------|---|---|---|---|-------|-----|----|------|------|--------|---------|----|-----|-----|--------|-----|-----|------|---|
| H    | A | B | C | K | D     | E   | F  | G    | GA   | X      | AB      | BB | AC  | HD  | M      | N   | P   | S    | T |
| -    | - | - | - | - | 75m6  | 140 | 20 | 67.5 | 79.5 | M20x42 | -       | -  | 547 | 410 | 500    | 450 | 550 | 8x19 | 5 |

### Electrical Data

|                 |                   |       |  |
|-----------------|-------------------|-------|--|
| Type            | PE30/UM3C* 280S-4 |       |  |
| Poles           | 4/1500            | Poles |  |
| Power           | 75.00             | Kw    |  |
| Voltage         | 400               | V     |  |
| Frequency       | 50                | Hz    |  |
| Speed           | 1485              | rpm   |  |
| Nominal current | 129.50            | A     |  |
| Power factor    | 0.88              |       |  |
| Efficiency 100% | 95.0              | %     |  |
| Efficiency 75%  | 95.1              | %     |  |
| Efficiency 50%  | 94.2              | %     |  |
| Torque          | 482.3             | N.m   |  |
| Ta/Tn           | 2                 |       |  |
| Ia/In           | 6.9               |       |  |
| Tm/Tn           | 2.3               |       |  |

### 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                 | 80         | dB(A) |
| Weight                | 600        | kg    |
| Bearing DE            | 6317 C3    |       |
| Bearing NDE           | 6317 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 | 270 | W |