

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE3



L (standard motor)

795

L (motor w/brake)

NA

L (motor w/forced ventilation)

950

L (motor without ventilation)

700

| Feet |     |     |     |    | Shaft |     |    |    |    |        | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|-----|-----|----|-------|-----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B   | C   | K  | D     | E   | F  | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 200  | 318 | 305 | 133 | 19 | 55m6  | 110 | 16 | 49 | 59 | M20x42 | 385     | 370 | 397 | 505 | -      | - | - | - | - |

**Electrical Data**

|                 |            |       |
|-----------------|------------|-------|
| Type            | PE30/UM3C* |       |
|                 | 200L2-2    |       |
| Poles           | 2/3000     | Poles |
| Power           | 37.00      | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 2970       | rpm   |
| Nominal current | 64.04      | A     |
| Power factor    | 0.89       |       |
| Efficiency 100% | 93.7       | %     |
| Efficiency 75%  | 93.9       | %     |
| Efficiency 50%  | 92.6       | %     |
| Torque          | 119        | N.m   |
| Ta/Tn           | 2          |       |
| Ia/In           | 7.6        |       |
| Tm/Tn           | 2.3        |       |

**Mechanical Data**

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 200        |       |
| Construction form     | B3         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S1         |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 84         | dB(A) |
| Weight                | 276        | kg    |
| Bearing DE            | 6312 C3    |       |
| Bearing NDE           | 6312 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 | 110 | W |

Universal Motors S.A.  
 Rua Comendador Brandão, 484  
 4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
 TEL.: 252 299 080

Universal Motors UK, Ltd  
 Unit E2, Meltham Mills Road  
 West Yorkshire HD9 4AR  
[enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)  
 TEL.: +44(0) 1484660222

Universal Motors SL  
 C/La Habana n.6 nave 4 Pl Camporosso  
 28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
 TEL.: 918 864 213