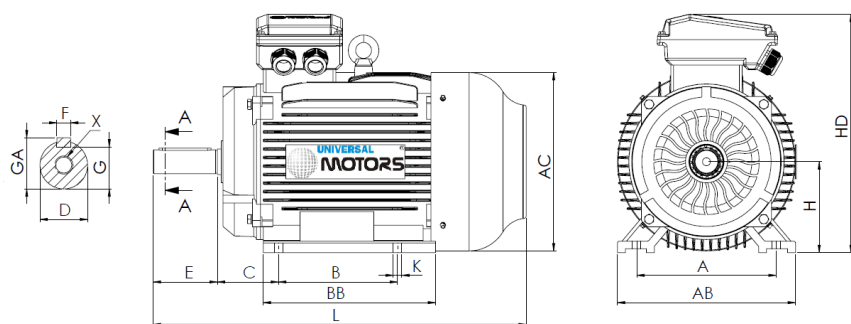


Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1345

L (motor w/brake)

1555

L (motor w/forced ventilation)

1525

L (motor without ventilation)

1170

| Feet |     |     |     |    | Shaft |     |    |    |    |        | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|-----|-----|----|-------|-----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B   | C   | K  | D     | E   | F  | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 315  | 508 | 508 | 216 | 28 | 80m6  | 170 | 22 | 71 | 85 | M20x42 | 635     | 680 | 620 | 845 | -      | - | - | - | - |

### Electrical Data

|                 |            |       |
|-----------------|------------|-------|
| Type            | PE30/UM3C* |       |
|                 | 315L2-6    |       |
| Poles           | 6/1000     | Poles |
| Power           | 132.00     | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 985        | rpm   |
| Nominal current | 232.30     | A     |
| Power factor    | 0.86       |       |
| Efficiency 100% | 95.4       | %     |
| Efficiency 75%  | 95.5       | %     |
| Efficiency 50%  | 94.1       | %     |
| Torque          | 1279.7     | N.m   |
| Ta/Tn           | 1.8        |       |
| Ia/In           | 6.8        |       |
| Tm/Tn           | 2          |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 315        |       |
| Construction form     | B3         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S3-70%     |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 85         | dB(A) |
| Weight                | 1102       | kg    |
| Bearing DE            | NU 319     |       |
| Bearing NDE           | 6319 C3    |       |

### Extra Data

#### Applicable brakes

|          |      |              |           |     |
|----------|------|--------------|-----------|-----|
| DC brake | K11D | Brake torque | 2000/2800 | 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 |

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 Camporoso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213