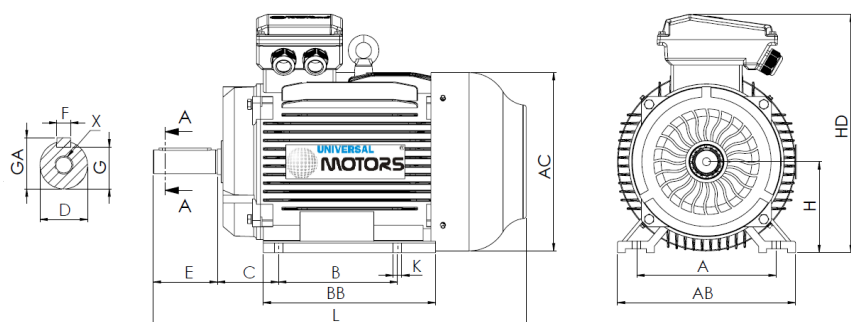


Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

950

L (motor w/brake)

1150

L (motor w/forced ventilation)

1070

L (motor without ventilation)

850

| Feet |     |     |     |    | Shaft |     |    |    |    |        | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|-----|-----|----|-------|-----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B   | C   | K  | D     | E   | F  | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 250  | 406 | 349 | 168 | 24 | 65m6  | 140 | 18 | 58 | 69 | M20x42 | 490     | 485 | 485 | 615 | -      | - | - | - | - |

### Electrical Data

|                 |            |       |
|-----------------|------------|-------|
| Type            | PE30/UM3C* |       |
|                 | 250M-8     |       |
| Poles           | 8/750      | Poles |
| Power           | 30.00      | Kw    |
| Voltage         | 400        | V     |
| Frequency       | 50         | Hz    |
| Speed           | 735        | rpm   |
| Nominal current | 60.00      | A     |
| Power factor    | 0.79       |       |
| Efficiency 100% | 91.3       | %     |
| Efficiency 75%  | 91.5       | %     |
| Efficiency 50%  | 90.6       | %     |
| Torque          | 389.77     | N.m   |
| Ta/Tn           | 1.9        |       |
| Ia/In           | 6.5        |       |
| Tm/Tn           | 2          |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 250        |       |
| Construction form     | B3         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S1         |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 75         | dB(A) |
| Weight                | 426        | kg    |
| Bearing DE            | 6314 C3    |       |
| Bearing NDE           | 6314 C3    |       |

### Extra Data

#### Applicable brakes

|          |     |              |         |     |
|----------|-----|--------------|---------|-----|
| DC brake | K10 | Brake torque | 500-800 | 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 | 200 | W |