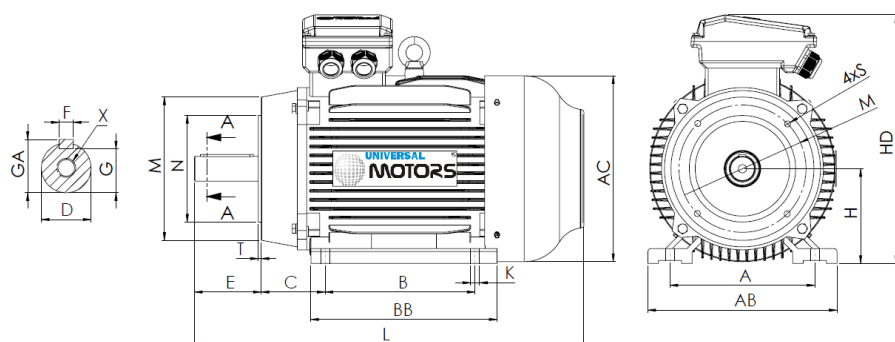


Technical Data Sheet  
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

510

L (motor w/brake)

655

L (motor w/forced ventilation)

615

L (motor without ventilation)

485

| Feet |     |     |    |    | Shaft |    |    |    |    |        | Carcass |     |     |     | Flange |     |     |       |     |
|------|-----|-----|----|----|-------|----|----|----|----|--------|---------|-----|-----|-----|--------|-----|-----|-------|-----|
| H    | A   | B   | C  | K  | D     | E  | F  | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N   | P   | S     | T   |
| 132  | 216 | 140 | 89 | 12 | 38k6  | 80 | 10 | 33 | 41 | M12x28 | 270     | 185 | 259 | 349 | 165    | 130 | 200 | 4xM10 | 3.5 |

### Electrical Data

|                 |                   |       |
|-----------------|-------------------|-------|
| Type            | PE30/UM3C* 132S-8 |       |
| Poles           | 8/750             | Poles |
| Power           | 2.20              | Kw    |
| Voltage         | 400               | V     |
| Frequency       | 50                | Hz    |
| Speed           | 710               | rpm   |
| Nominal current | 5.50              | A     |
| Power factor    | 0.71              |       |
| Efficiency 100% | 81.9              | %     |
| Efficiency 75%  | 82.2              | %     |
| Efficiency 50%  | 77.4              | %     |
| Torque          | 29.59             | N.m   |
| Ta/Tn           | 1.8               |       |
| Ia/In           | 6.0               |       |
| Tm/Tn           | 2                 |       |

### Mechanical Data

|                       |            |
|-----------------------|------------|
| Shaft height          | 132        |
| Construction form     | B34        |
| Mechanical protection | 55         |
| Heating class         | B          |
| Insulation class      | F          |
| Service               | S1         |
| Ambient temp.         | -10°C-40°C |
| Altitude              | 1000       |
| Noise                 | 64 dB(A)   |
| Weight                | 70.5 kg    |
| Bearing DE            | 6308 2Z C3 |
| Bearing NDE           | 6308 2Z C3 |

### Extra Data

#### Applicable brakes

|          |           |              |    |     |
|----------|-----------|--------------|----|-----|
| DC brake | REB-05-16 | Brake torque | 80 | N.m |
| AC brake | AC7       | Brake torque | 90 | N.m |

#### Applicable forced ventilations

|                                 |       |    |   |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 55 | W |
| Three-phase forced ventilation  | Power | 55 | W |