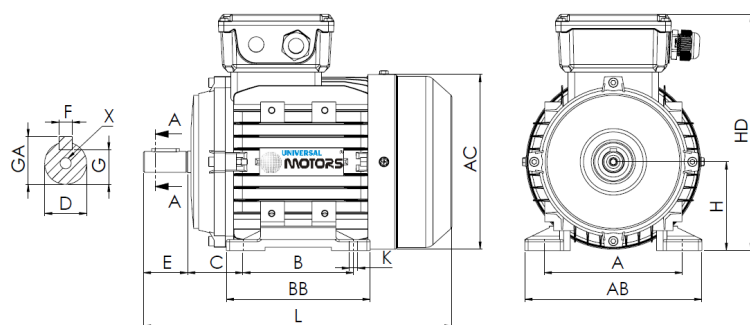


Technical Data Sheet  
Electric Motor Three phase in Aluminum IE3



L (standard motor)

610

L (motor w/brake)

NA

L (motor w/forced ventilation)

730

L (motor without ventilation)

552

| Feet |     |     |     |    | Shaft |     |    |    |    |        | Carcass |     |     |     | Flange |   |   |   |   |
|------|-----|-----|-----|----|-------|-----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H    | A   | B   | C   | K  | D     | E   | F  | G  | GA | X      | AB      | BB  | AC  | HD  | M      | N | P | S | T |
| 160  | 254 | 210 | 108 | 19 | 42k6  | 110 | 12 | 37 | 45 | M16x36 | 290     | 294 | 326 | 390 | -      | - | - | - | - |

### Electrical Data

|                 |                   |       |
|-----------------|-------------------|-------|
| Type            | PE31/UM3A* 160L-6 |       |
| Poles           | 6/1000            | Poles |
| Power           | 11.00             | Kw    |
| Voltage         | 400               | V     |
| Frequency       | 50                | Hz    |
| Speed           | 975               | rpm   |
| Nominal current | 22.00             | A     |
| Power factor    | 0.80              |       |
| Efficiency 100% | 90.3              | %     |
| Efficiency 75%  | 90.2              | %     |
| Efficiency 50%  | 89.5              | %     |
| Torque          | 107.74            | N.m   |
| Ta/Tn           | 2.1               |       |
| Ia/In           | 7.2               |       |
| Tm/Tn           | 2.1               |       |

### Mechanical Data

|                       |            |       |
|-----------------------|------------|-------|
| Shaft height          | 160        |       |
| Construction form     | B3         |       |
| Mechanical protection | 55         |       |
| Heating class         | B          |       |
| Insulation class      | F          |       |
| Service               | S1         |       |
| Ambient temp.         | -10°C-40°C |       |
| Altitude              | 1000       |       |
| Noise                 | 73         | dB(A) |
| Weight                | 109        | kg    |
| Bearing DE            | 6309 2Z C3 |       |
| Bearing NDE           | 6209 2Z 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 | 60 | W |

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