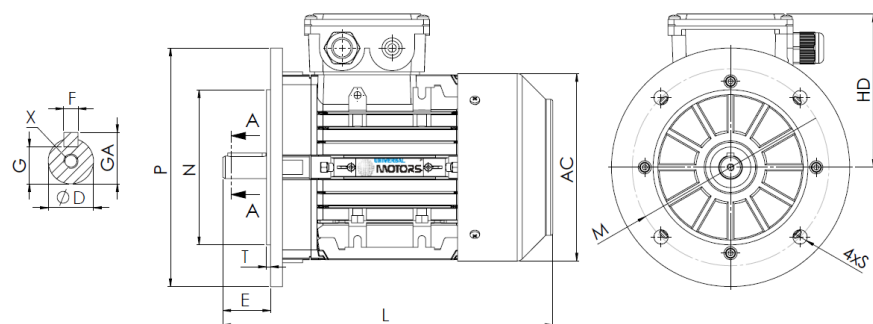


Technical Data Sheet  
Electric Motor Three phase in Aluminum -



L (standard motor)

655

L (motor w/brake)

735

L (motor w/forced ventilation)

765

L (motor without ventilation)

560

| Feet |   |   |   |   | Shaft |     |    |    |    |        | Carcass |    |     |     | Flange |     |     |    |   |
|------|---|---|---|---|-------|-----|----|----|----|--------|---------|----|-----|-----|--------|-----|-----|----|---|
| H    | A | B | C | K | D     | E   | F  | G  | GA | X      | AB      | BB | AC  | HD  | M      | N   | P   | S  | T |
| -    | - | - | - | - | 42k6  | 110 | 12 | 37 | 45 | M16x36 | -       | -  | 314 | 231 | 300    | 250 | 350 | 19 | 5 |

### Electrical Data

|                 |               |       |
|-----------------|---------------|-------|
| Type            | UMDA 160L-2/4 |       |
| Poles           | 2/4           | Poles |
| Power           | 15/12         | Kw    |
| Voltage         | 400           | V     |
| Frequency       | 50            | Hz    |
| Speed           | 2820 / 1450   | rpm   |
| Nominal current | 28,94 / 24,84 | A     |
| Power factor    | 0,87 / 0,83   |       |
| Efficiency 100% | 86 / 84       | %     |
| Efficiency 75%  | -             | %     |
| Efficiency 50%  | -             | %     |
| Torque          | 49,06 / 79,03 | N.m   |
| Ta/Tn           | 2,0 / 2,0     |       |
| Ia/In           | 7,0 / 7,0     |       |
| Tm/Tn           | 2,2 / 2,2     |       |

### Mechanical Data

|                       |            |
|-----------------------|------------|
| Shaft height          | -          |
| Construction form     | B5         |
| Mechanical protection | 55         |
| Heating class         | B          |
| Insulation class      | F          |
| Service               | S1         |
| Ambient temp.         | -10°C-40°C |
| Altitude              | 1000       |
| Noise                 | - dB(A)    |
| Weight                | 88 kg      |
| Bearing DE            | 6309 2Z C3 |
| Bearing NDE           | 6209 2Z C3 |

### Extra Data

#### Applicable brakes

|          |     |              |     |     |
|----------|-----|--------------|-----|-----|
| DC brake | K8  | Brake torque | 200 | N.m |
| AC brake | AC8 | Brake torque | 200 | N.m |

#### Applicable forced ventilations

|                                 |       |    |   |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | NA | W |
| Three-phase forced ventilation  | Power | 60 | W |

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