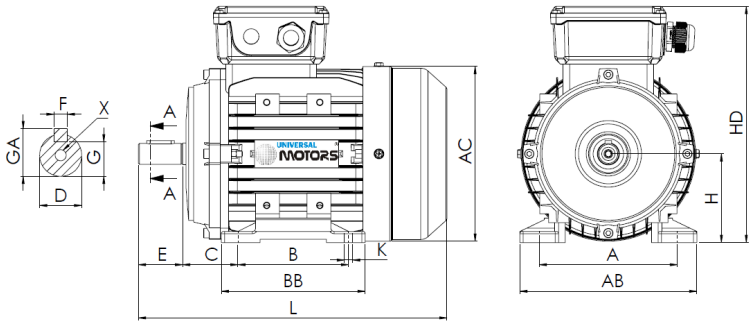
Technical Data Sheet
Electric Motor Three phase in Aluminum IE2




L (standard motor)
636

L (motor w/brake)
NA

L (motor w/forced ventilation)
755

L (motor without ventilation)
577

| 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 | 254 | 108 | 15 | 42k6 | 110 | 12 | 37 | 45 | M16x36 | 290 | 294 | 326 | 390 | - | - | - | - | - |

## Electrical Data

| | | |
|---|---|---|
| Type | HE31/UMHA* 160L2-2 | |
| Poles | 2/3000 | Poles |
| Power | 22.00 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 2890 | rpm |
| Nominal current | 38.64 | A |
| Power factor | 0.90 | |
| Efficiency 100% | 91.3 | % |
| Efficiency 75% | 91.7 | % |
| Efficiency 50% | 91.0 | % |
| Torque | 72.69 | N.m |
| Ta/Tn | 4.1 | |
| Ia/In | 10.0 | |
| Tm/Tn | 3 | |

## Mechanical Data

| | | |
|---|---|---|
| Shaft height | 160 | |
| Construction form | B3 | |
| Mechanical protection | 55 | |
| Heating class | B | |
| Insulation class | F | |
| Service | S3-70% | |
| Ambient temp. | -10ºC-40ºC | |
| Altitude | 1000 | |
| Noise | 85 | dB(A) |
| Weight | 127 | 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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