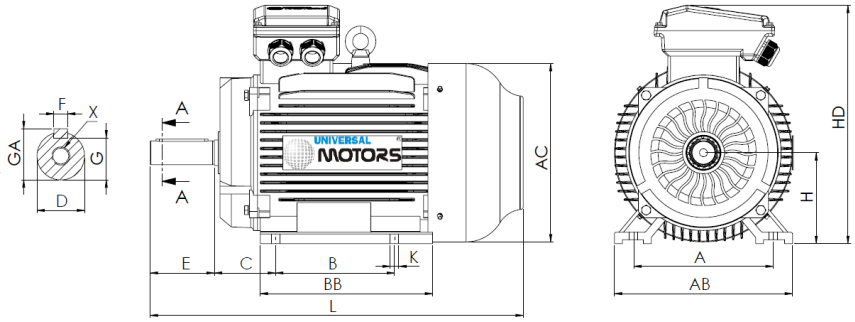
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE2




L (standard motor)
305

L (motor w/brake)
405

L (motor w/forced ventilation)
410

L (motor without ventilation)
295

| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |
| 80 | 125 | 100 | 50 | 10 | 19j6 | 40 | 6 | 15.5 | 21.5 | M6x16 | 165 | 130 | 158 | 220 | - | - | - | - | - |

## Electrical Data

| | | |
|---|---|---|
| Type | HE30 80M1-2 | |
| Poles | 2/3000 | Poles |
| Power | 0.75 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 2850 | rpm |
| Nominal current | 1.70 | A |
| Power factor | 0.82 | |
| Efficiency 100% | 77.4 | % |
| Efficiency 75% | 78.5 | % |
| Efficiency 50% | 77.3 | % |
| Torque | 2.5 | N.m |
| Ta/Tn | 2.3 | |
| Ia/In | 6.8 | |
| Tm/Tn | 2.3 | |

## Mechanical Data

| | | |
|---|---|---|
| Shaft height | 80 | |
| Construction form | B3 | |
| Mechanical protection | 55 | |
| Heating class | B | |
| Insulation class | F | |
| Service | S3-70% | |
| Ambient temp. | -10ºC-40ºC | |
| Altitude | 1000 | |
| Noise | 62 | dB(A) |
| Weight | 22 | kg |
| Bearing DE | 6204 2Z C3 | |
| Bearing NDE | 6204 2Z C3 | |

## Extra Data

**Applicable brakes**

| | | | | |
|---|---|---|---|---|
| DC brake | REB-05-08 | Brake torque | 8 | N.m |
| AC brake | AC3 | Brake torque | 16 | N.m |

**Applicable forced ventilations**

| | | | |
|---|---|---|---|
| Single-phase forced ventilation | Power | 45 | W |
| Three-phase forced ventilation | Power | 45 | W |

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