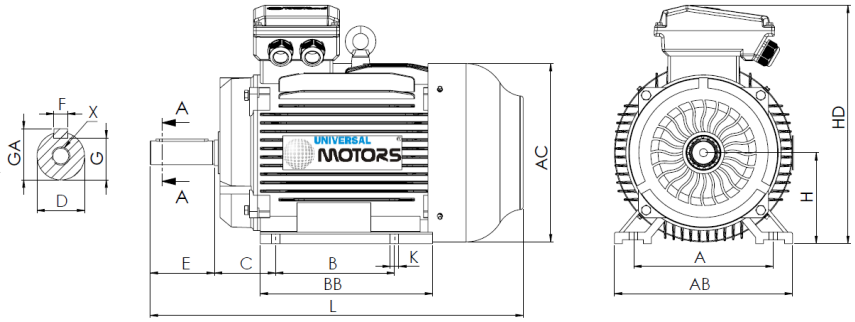
Technical Data Sheet
Electric Motor Three phase in Cast Iron IE1




L (standard motor)
790

L (motor w/brake)
985

L (motor w/forced ventilation)
945

L (motor without ventilation)
695

| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |
| 200 | 318 | 305 | 133 | 19 | 55m6 | 110 | 16 | 49 | 59 | M20x42 | 385 | 370 | 397 | 505 | - | - | - | - | - |

## Electrical Data

| | | |
|---|---|---|
| Type | EM30 200L-8 | |
| Poles | 8/750 | Poles |
| Power | 15.00 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 730 | rpm |
| Nominal current | 32.40 | A |
| Power factor | 0.76 | |
| Efficiency 100% | 88.0 | % |
| Efficiency 75% | - | % |
| Efficiency 50% | - | % |
| Torque | 196.22 | N.m |
| Ta/Tn | 2 | |
| Ia/In | 6.6 | |
| Tm/Tn | 2 | |

## Mechanical Data

| | | |
|---|---|---|
| Shaft height | 200 | |
| Construction form | B3 | |
| Mechanical protection | 55 | |
| Heating class | B | |
| Insulation class | F | |
| Service | S3-70% | |
| Ambient temp. | -10ºC-40ºC | |
| Altitude | 1000 | |
| Noise | 73 | dB(A) |
| Weight | 236 | kg |
| Bearing DE | 6312 C3 | |
| Bearing NDE | 6312 C3 | |

## Extra Data

**Applicable brakes**

| | | | | |
|---|---|---|---|---|
| DC brake | K8D | Brake torque | 400 | N.m |
| AC brake | AC8D | Brake torque | 400 | N.m |

**Applicable forced ventilations**

| | | | |
|---|---|---|---|
| Single-phase forced ventilation | Power | NA | W |
| Three-phase forced ventilation | Power | 110 | W |

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