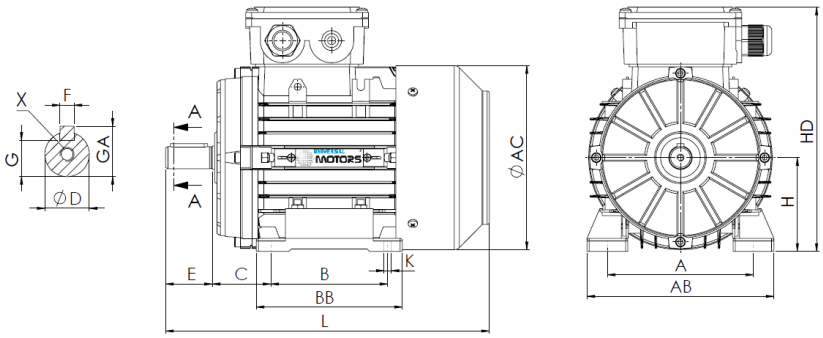
Technical Data Sheet
Electric Motor Three phase in Aluminum IE4




L (standard motor)
500

L (motor w/brake)
590

L (motor w/forced ventilation)
620

L (motor without ventilation)
438

| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |
| 132 | 216 | 178 | 89 | 12 | 38k6 | 80 | 10 | 33 | 41 | M12x18 | 265 | 230 | 259 | 318 | - | - | - | - | - |

## Electrical Data

| | | |
|---|---|---|
| Type | UM4A 132M1-6 | |
| Poles | 6/1000 | Poles |
| Power | 4.00 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 975 | rpm |
| Nominal current | 8.72 | A |
| Power factor | 0.74 | |
| Efficiency 100% | 89.5 | % |
| Efficiency 75% | 89.8 | % |
| Efficiency 50% | 88.8 | % |
| Torque | 39.18 | N.m |
| Ta/Tn | 2.9 | |
| Ia/In | 7.9 | |
| Tm/Tn | 3.5 | |

## Mechanical Data

| | | |
|---|---|---|
| Shaft height | 132 | |
| Construction form | B3 | |
| Mechanical protection | 55 | |
| Heating class | B | |
| Insulation class | F | |
| Service | S1 | |
| Ambient temp. | -10ºC-40ºC | |
| Altitude | 1000 | |
| Noise | 68 | dB(A) |
| Weight | 55 | kg |
| Bearing DE | 6308 ZZ C3 | |
| Bearing NDE | 6208 ZZ C3 | |

## Extra Data

**Applicable brakes**

| | | | | |
|---|---|---|---|---|
| DC brake | REB-05-16 | Brake torque | 80 | N.m |
| AC brake | AC7 | Brake torque | 90 | N.m |

**Applicable forced ventilations**

| | | | |
|---|---|---|---|
| Single-phase forced ventilation | Power | 55 | W |
| Three-phase forced ventilation | Power | 55 | W |


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