

Technical Data Sheet
 Electric Motor Three phase in Aluminum IE3



L (standard motor)

245

L (motor w/brake)

300

L (motor w/forced ventilation)

350

L (motor without ventilation)

212

| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|------|-----|----|----|---|-------|----|---|----|----|-------|---------|-----|-----|-----|--------|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |
| 71 | 112 | 90 | 45 | 7 | 14j6 | 30 | 5 | 11 | 16 | M5x12 | 142 | 110 | 138 | 198 | - | - | - | - | - |

Electrical Data

| | | |
|-----------------|-------------|-------|
| Type | UM3A 71M3-2 | |
| Poles | 2/3000 | Poles |
| Power | 0.75 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 2870 | rpm |
| Nominal current | 1.64 | A |
| Power factor | 0.82 | |
| Efficiency 100% | 80.7 | % |
| Efficiency 75% | 80.8 | % |
| Efficiency 50% | 78.2 | % |
| Torque | 2.5 | N.m |
| Ta/Tn | 3 | |
| Ia/In | 7.1 | |
| Tm/Tn | 3.2 | |

Mechanical Data

| | |
|-----------------------|------------|
| Shaft height | 71 |
| Construction form | B3 |
| Mechanical protection | 55 |
| Heating class | B |
| Insulation class | F |
| Service | S1 |
| Ambient temp. | -10°C-40°C |
| Altitude | 1000 |
| Noise | 65 dB(A) |
| Weight | 7.1 kg |
| Bearing DE | 6202 2Z C3 |
| Bearing NDE | 6202 2Z C3 |

Extra Data

Applicable brakes

| | | | | |
|----------|-----------|--------------|----|-----|
| DC brake | REB-05-06 | Brake torque | 4 | N.m |
| AC brake | AC2 | Brake torque | 10 | N.m |

Applicable forced ventilations

| | | | |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 35 | W |
| Three-phase forced ventilation | Power | 35 | W |

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