

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE4



L (standard motor)

950

L (motor w/brake)

1150

L (motor w/forced ventilation)

1070

L (motor without ventilation)

850

| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|------|-----|-----|-----|----|-------|-----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |
| 250 | 406 | 349 | 168 | 24 | 65m6 | 140 | 18 | 58 | 69 | M20x42 | 490 | 485 | 485 | 615 | - | - | - | - | - |

Electrical Data

| | | |
|-----------------|-------------|-------|
| Type | UM4C 250M-6 | |
| Poles | 6/1000 | Poles |
| Power | 37.00 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 990 | rpm |
| Nominal current | 68.09 | A |
| Power factor | 0.83 | |
| Efficiency 100% | 94.5 | % |
| Efficiency 75% | 94.7 | % |
| Efficiency 50% | 93.9 | % |
| Torque | 356.9 | N.m |
| Ta/Tn | 2 | |
| Ia/In | 8.3 | |
| Tm/Tn | 2.1 | |

Mechanical Data

| | |
|-----------------------|------------|
| Shaft height | 250 |
| Construction form | B3 |
| Mechanical protection | 55 |
| Heating class | B |
| Insulation class | F |
| Service | S1 |
| Ambient temp. | -10°C-40°C |
| Altitude | 1000 |
| Noise | 78 dB(A) |
| Weight | 424 kg |
| Bearing DE | 6314 C3 |
| Bearing NDE | 6314 C3 |

Extra Data

Applicable brakes

| | | | | |
|----------|-----|--------------|---------|-----|
| DC brake | K10 | Brake torque | 500/800 | 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 | 200 | W |

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