

Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

425

L (motor w/brake)

485

L (motor w/forced ventilation)

530

L (motor without ventilation)

350

| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|------|-----|-----|----|----|-------|----|---|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |
| 112 | 190 | 140 | 70 | 12 | 28j6 | 60 | 8 | 24 | 31 | M10x22 | 230 | 180 | 220 | 300 | - | - | - | - | - |

Electrical Data

| | | |
|-----------------|-------------|-------|
| Type | EM30 112M-4 | |
| Poles | 4/1500 | Poles |
| Power | 4.00 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 1435 | rpm |
| Nominal current | 8.36 | A |
| Power factor | 0.82 | |
| Efficiency 100% | 84.2 | % |
| Efficiency 75% | - | % |
| Efficiency 50% | - | % |
| Torque | 26.62 | N.m |
| Ta/Tn | 2.3 | |
| Ia/In | 7.0 | |
| Tm/Tn | 2.3 | |

Mechanical Data

| | |
|-----------------------|------------|
| Shaft height | 112 |
| Construction form | B3 |
| Mechanical protection | 55 |
| Heating class | B |
| Insulation class | F |
| Service | S3-70% |
| Ambient temp. | -10°C-40°C |
| Altitude | 1000 |
| Noise | 65 dB(A) |
| Weight | 42 kg |
| Bearing DE | 6306 2Z C3 |
| Bearing NDE | 6306 2Z C3 |

Extra Data

Applicable brakes

| | | | | |
|----------|-----------|--------------|----|-----|
| DC brake | REB-05-14 | Brake torque | 60 | N.m |
| AC brake | AC6 | Brake torque | 60 | N.m |

Applicable forced ventilations

| | | | |
|---------------------------------|-------|----|---|
| Single-phase forced ventilation | Power | 80 | W |
| Three-phase forced ventilation | Power | 80 | W |

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