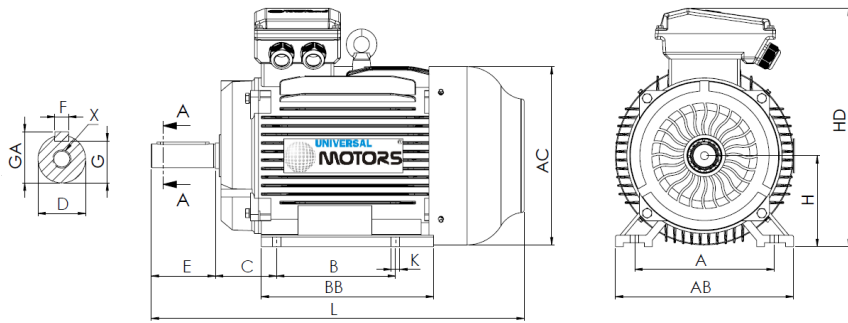


Technical Data Sheet
 Electric Motor Three phase in Cast Iron IE1



L (standard motor)

645

L (motor w/brake)

NA

L (motor w/forced ventilation)

765

L (motor without ventilation)

555

| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|------|-----|-----|-----|----|-------|-----|----|----|----|--------|---------|-----|-----|-----|--------|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |
| 160 | 254 | 210 | 108 | 15 | 42k6 | 110 | 12 | 37 | 45 | M16x36 | 320 | 258 | 315 | 420 | - | - | - | - | - |

Electrical Data

| | | |
|-----------------|--------------|-------|
| Type | EM30 160M1-2 | |
| Poles | 2/3000 | Poles |
| Power | 11.00 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 2930 | rpm |
| Nominal current | 20.20 | A |
| Power factor | 0.89 | |
| Efficiency 100% | 88.4 | % |
| Efficiency 75% | - | % |
| Efficiency 50% | - | % |
| Torque | 35.85 | N.m |
| Ta/Tn | 2.2 | |
| Ia/In | 7.5 | |
| Tm/Tn | 2.3 | |

Mechanical Data

| | |
|-----------------------|------------|
| Shaft height | 160 |
| Construction form | B3 |
| Mechanical protection | 55 |
| Heating class | B |
| Insulation class | F |
| Service | S3-70% |
| Ambient temp. | -10°C-40°C |
| Altitude | 1000 |
| Noise | 86 dB(A) |
| Weight | 107 kg |
| Bearing DE | 6309 C3 |
| Bearing NDE | 6309 C3 |

Extra Data

Applicable brakes

| | | | | |
|----------|----|--------------|----|-----|
| DC brake | NA | Brake torque | NA | 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 | 60 | W |

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