

L (standard motor)

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L (motor w/brake)

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L (motor w/forced ventilation)

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L (motor without ventilation)

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| Feet | | | | | Shaft | | | | | | Carcass | | | | Flange | | | | |
|------|---|---|---|---|-------|---|---|---|----|---|---------|----|----|----|--------|---|---|---|---|
| H | A | B | C | K | D | E | F | G | GA | X | AB | BB | AC | HD | M | N | P | S | T |

Electrical Data

| | | |
|-----------------|-------------|-------|
| Type | EM30 280M-2 | |
| Poles | 2/3000 | Poles |
| Power | 90.00 | Kw |
| Voltage | 400 | V |
| Frequency | 50 | Hz |
| Speed | 2975 | rpm |
| Nominal current | 152.20 | A |
| Power factor | 0.91 | |
| Efficiency 100% | 93.9 | % |
| Efficiency 75% | - | % |
| Efficiency 50% | - | % |
| Torque | 288.89 | N.m |
| Ta/Tn | 2 | |
| Ia/In | 7.1 | |
| Tm/Tn | 2.3 | |

Mechanical Data

| | |
|-----------------------|------------|
| Shaft height | |
| Construction form | |
| Mechanical protection | 55 |
| Heating class | B |
| Insulation class | F |
| Service | S3-70% |
| Ambient temp. | -10°C-40°C |
| Altitude | 1000 |
| Noise | 94 dB(A) |
| Weight | 510 kg |
| Bearing DE | |
| Bearing NDE | |

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 | 270 | W |