

- L (standard motor)
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- L (motor w/brake)
- 
- L (motor w/forced ventilation)
- 
- L (motor without ventilation)
- 

| 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 |             |       |  | Mechanical Data       |            |       |  |
|-----------------|-------------|-------|--|-----------------------|------------|-------|--|
| Type            | EM30 250M-2 |       |  | Shaft height          |            |       |  |
| Poles           | 2/3000      | Poles |  | Construction form     |            |       |  |
| Power           | 55.00       | Kw    |  | Mechanical protection | 55         |       |  |
| Voltage         | 400         | V     |  | Heating class         | B          |       |  |
| Frequency       | 50          | Hz    |  | Insulation class      | F          |       |  |
| Speed           | 2970        | rpm   |  | Service               | S3-70%     |       |  |
| Nominal current | 94.85       | A     |  | Ambient temp.         | -10°C-40°C |       |  |
| Power factor    | 0.90        |       |  | Altitude              | 1000       |       |  |
| Efficiency 100% | 93.0        | %     |  | Noise                 | 93         | dB(A) |  |
| Efficiency 75%  | -           | %     |  | Weight                | 359        | kg    |  |
| Efficiency 50%  | -           | %     |  | Bearing DE            |            |       |  |
| Torque          | 176.84      | N.m   |  | Bearing NDE           |            |       |  |
| Ta/Tn           | 2           |       |  |                       |            |       |  |
| Ia/In           | 7.5         |       |  |                       |            |       |  |
| Tm/Tn           | 2.3         |       |  |                       |            |       |  |

### 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 | 200 | W |