

Data sheet for three-phase Asynchronous Squirrel-Cage-Motors

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1MT8004-1CD22-1AA4

Flameproof grade: Ex db IIB T4 Gb



Motor type:

Client order no.:

Order no.:

Offer no.:

Remarks:

| U | D / Y | f | P | P | I | n | M | NOM. EFF at ... load [%] | | | Power factor at ... load | | | I _s /I _N | M _s /M _N | M _k /M _N | IE-CL |
|-------|-------|------|---------|------|--------|---------|------|--------------------------|------|------|--------------------------|------|------|--------------------------------|--------------------------------|--------------------------------|-------|
| [V] | | [Hz] | [kW] | [hp] | [A] | [1/min] | [Nm] | 4/4 | 3/4 | 2/4 | 4/4 | 3/4 | 2/4 | I _s /I _N | T _s /T _N | T _B /T _N | |
| 220 | D | 50 | 3 | / | 13.1 | 725 | 39.5 | 85.9 | 86.3 | 85.1 | 0.70 | 0.62 | 0.50 | 6.5 | 2.6 | 3.2 | IE4 |
| 380 | Y | 50 | 3 | / | 7.6 | 725 | 39.5 | 85.9 | 86.3 | 85.1 | 0.70 | 0.62 | 0.50 | 6.5 | 2.6 | 3.2 | IE4 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| IM B3 | | | FS 132M | | 119 kg | | IP55 | IEC/EN 60034 | | | IEC, DIN, ISO, VDE, EN | | | | | | |

| Mechanical data / 机械性能数据 | | |
|--|---|------------|
| Sound pressure level 50Hz/60Hz (No load) | 50 | / |
| 声压等级 50Hz/60Hz (空载)(dB(A)) | | |
| Moment of inertia | 0.0658 | |
| 转动惯量 (kgm²) | | |
| Bearing DE NDE | 6308 2Z C3 | 6308 2Z C3 |
| 轴承 DE NDE | | |
| Relubrication quantity (DE NDE) | / | / |
| 再润滑用量 (g) (DE NDE) | | |
| Relubrication interval (DE NDE) | / | |
| 再润滑周期 (h) (DE NDE) | | |
| Lubricants | / | |
| 润滑脂 | | |
| Regreasing device | No | |
| 再润滑装置 | | |
| Grease nipple | / | |
| 油杯 | | |
| Type of bearing | Floating bearing DE and NDE | |
| 轴承类型 | | |
| Condensate drainage holes | No | |
| 排水孔 | | |
| External earthing terminal | Yes | |
| 外部接地 | | |
| Vibration class | A | |
| 振动等级 | | |
| Insulation | 155(F) | |
| 绝缘等级 | | |
| Duty type | S1 | |
| 工作方式 | | |
| Direction of rotation | Bidirectional | |
| 旋转方向 | | |
| Frame material | Cast iron | |
| 机座材料 | | |
| Data of anti condensation heating | No | |
| 防潮加热 | | |
| Coating | Yes | |
| 喷漆 | | |
| Color | RAL 7011 | |
| 颜色 | | |
| Motor protection | A=without winding protection | |
| 电机保护 | | |
| Method of cooling | IC411 - Self ventilated, surface cooled | |
| 冷却方式 | | |

| Environmental conditions / 环境条件 | |
|---------------------------------|----------|
| Ambient temperature | -20 ~ 40 |
| 环境温度(°C) | |
| Altitude above sea level | 1000m |
| 海拔高度 (m) | |

| Terminal box / 接线盒 | |
|--------------------------|-------------------|
| Terminal box position | Top |
| 接线盒位置 | |
| Material of terminal box | Cast iron |
| 接线盒材料 | |
| Type of terminal box | / |
| 接线盒型号 | |
| Cable diameter | 13-14/19-20/24-25 |
| 电缆直径 (mm) | |
| Hoop gland diameter | 1xφ42 |
| 接线盒斗直径 | |
| Main terminal thread | 6xM5 |
| 接线端子螺纹 | |
| Cable gland | / |
| 葛兰 | |
| Max. auxiliary terminals | / |
| 最大辅助端子数 | |
| Auxiliary cable entry | / |
| 辅助进线孔 | |

| Special design / 特殊设计 |
|-----------------------|
|-----------------------|