

Data sheet for three-phase Asynchronous Squirrel-Cage-Motors**三相异步鼠笼电动机数据表****MLFB-Ordering data:** 1MT8004-3AC53-3AA4

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 | |
| 380 | D | 50 | 110 | / | 210 | 992 | 1059 | 95.8 | 96.1 | 95.8 | 0.83 | 0.80 | 0.72 | 8 | 2.8 | 2.3 | IE4 |
| 660 | Y | 50 | 110 | / | 121 | 992 | 1059 | 95.8 | 96.1 | 95.8 | 0.83 | 0.80 | 0.72 | 8 | 2.8 | 2.3 | IE4 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| IM B3 | | | FS 315L | | 1330 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) 声压等级 50Hz/60Hz (空载)(dB(A)) | 66 | / |
| Moment of inertia 转动惯量 (kgm ²) | 5.896 | |
| Bearing DE NDE 轴承 DE NDE | 6319 C3 | 6319 C3 |
| Relubrication quantity (DE NDE) 再润滑用量 (g) (DE NDE) | 40g | 40g |
| Relubrication interval (DE NDE) 再润滑周期 (h) (DE NDE) | 6000h | |
| Lubricants 润滑脂 | 2# Li Grease | |
| Regreasing device 再润滑装置 | Yes | |
| Grease nipple 油杯 | M10x1 | |
| Type of bearing 轴承类型 | Floating bearing DE | |
| Condensate drainage holes 排水孔 | No | |
| External earthing terminal 外部接地 | Yes | |
| Vibration class 振动等级 | A | |
| Insulation 绝缘等级 | 155(F) | |
| Duty type 工作方式 | S1 | |
| Direction of rotation 旋转方向 | Bidirectional | |
| Frame material 机座材料 | Cast iron | |
| Data of anti condensation heating 防潮加热 | No | |
| Coating 喷漆 | Yes | |
| Color 颜色 | RAL 7011 | |
| Motor protection 电机保护 | A=without winding protection | |
| Method of cooling 冷却方式 | IC411 - Self ventilated, surface cooled | |

Terminal box / 接线盒

| | |
|-------------------------------------|-------------------------|
| Terminal box position 接线盒位置 | Top |
| Material of terminal box 接线盒材料 | Cast iron |
| Type of terminal box 接线盒型号 | / |
| Cable diameter 电缆直径 (mm) | 30~31/35~36/44~45/49~50 |
| Hoop gland diameter 接线盒斗直径 | 2xφ90 |
| Main terminal thread 接线端子螺纹 | 6xM16 |
| 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**Environmental conditions / 环境条件**

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