

Data sheet for three-phase Squirrel-Cage-Motors

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL0003-1DC23-3AA5



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 | 7.5 | / | 16.4 | 980 | 73.1 | 89.1 | 90.4 | / | 0.78 | / | / | 6.5 | 2.7 | 3.6 | IE3 |
| 660 | Y | 50 | 7.5 | / | 9.4 | 980 | 73.1 | 89.1 | 90.4 | / | 0.78 | / | / | 6.5 | 2.7 | 3.6 | IE3 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| IM B3 | | | FS 160 M | | | 106 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) | 61 |
| 声压等级 50Hz/60Hz (空载)(dB(A)) | |
| Moment of inertia | 0.1197 |
| 转动惯量 (kgm ²) | |
| Bearing DE NDE | 6309 2RZ C 6209 2RZ 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 | No |
| 油杯 | |
| Type of bearing | Floating bearings |
| 轴承类型 | |
| Condensate drainage holes | No |
| 排水孔 | |
| External earthing terminal | No |
| 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 | -15 ~ 40 |
| 环境温度(°C) | |
| Altitude above sea level | 1000m |
| 海拔高度 | |

Terminal box / 接线盒

| | |
|----------------------------|------------------|
| Terminal box position | Right |
| 接线盒位置 | |
| Material of terminal box | Steel |
| 接线盒材料 | |
| Type of terminal box | / |
| 接线盒型号 | |
| Cable diameter | 18-25 |
| 电缆直径 (mm) | |
| Max. cross-sectional area | / |
| 最大电缆截面积 (mm ²) | |
| Main terminal thread | 6xM5 |
| 接线端子螺纹 | |
| Cable gland | 1 plug + 1 gland |
| 葛兰 | |
| Main cable entry | 2xM36x2 |
| 主进线孔螺纹规格 | |

Special design / 特殊设计