



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL0013-0DB32-1AA4 W12

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 | 0.75 | / | 3.2 | 1440 | 5 | 82.5 | 82.9 | 80.8 | 0.75 | 0.67 | 0.54 | 6 | 2.6 | 3.7 | IE3 |
| 380 | Y | 50 | 0.75 | / | 1.84 | 1440 | 5 | 82.5 | 82.9 | 80.8 | 0.75 | 0.67 | 0.54 | 6 | 2.6 | 3.7 | IE3 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| IM B3 | | | FS 80M | | 18 kg | | IP55 | IEC/EN 60034 | | | IEC, DIN, ISO, VDE, EN | | | | | | |

| Mechanical data / 机械性能数据 | | | Terminal box / 接线盒 | |
|--|---|------------|---------------------------|-----------|
| Sound pressure level 50Hz/60Hz (No load) | 45 | / | Terminal box position | Top |
| 声压等级 50Hz/60Hz (空载)(dB(A)) | | | 接线盒位置 | |
| Moment of inertia | 0.00242 | | Material of terminal box | steel |
| 转动惯量 (kgm²) | | | 接线盒材料 | |
| Bearing DE NDE | 6204 2Z C3 | 6204 2Z C3 | Type of terminal box | / |
| 轴承 DE NDE | | | 接线盒型号 | |
| Relubrication quantity (DE NDE) | / | / | Cable diameter | 10~14 |
| 再润滑用量 (g) (DE NDE) | | | 电缆直径 (mm) | |
| Relubrication interval (DE NDE) | / | | Max. cross-sectional area | 1.5 |
| 再润滑周期 (h) (DE NDE) | | | 最大电缆截面积 (mm²) | |
| Lubricants | / | | Main terminal thread | 6xM4 |
| 润滑脂 | | | 接线端子螺纹 | |
| Regreasing device | / | | Cable gland | 1 gland |
| 再润滑装置 | | | 葛兰 | |
| Grease nipple | no | | Main cable entry | 1xM24X1.5 |
| 油杯 | | | 主进线孔螺纹规格 | |
| Type of bearing | Floating bearings | | Special design / 特殊设计 | |
| 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 | -20 ~ 40 | | | |
| 环境温度(°C) | | | | |
| Altitude above sea level | 1000m | | | |
| 海拔高度 (m) | | | | |

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.
若有技术更改，恕不另行通知！计算出的数据可能和铭牌数据有所不同！