



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8014-1CD02-1AA4 D24

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 <sub>s</sub> /I <sub>N</sub> | M <sub>s</sub> /M <sub>N</sub> | M <sub>k</sub> /M <sub>N</sub> | IE-CL |
|-------|-------|------|---------|------|-------|---------|------|--------------------------|------|------|--------------------------|------|------|--------------------------------|--------------------------------|--------------------------------|-------|
| [V]   |       | [Hz] | [kW]    | [hp] | [A]   | [1/min] | [Nm] | 4/4                      | 3/4  | 2/4  | 4/4                      | 3/4  | 2/4  | I <sub>s</sub> /I <sub>N</sub> | T <sub>s</sub> /T <sub>N</sub> | T <sub>B</sub> /T <sub>N</sub> |       |
| 220   | D     | 50   | 2.2     | /    | 9.8   | 725     | 29   | 84.5                     | 85.1 | 84.0 | 0.70                     | 0.63 | 0.50 | 6                              | 2.2                            | 2.8                            | IE4   |
| 380   | Y     | 50   | 2.2     | /    | 5.7   | 725     | 29   | 84.5                     | 85.1 | 84.0 | 0.70                     | 0.63 | 0.50 | 6                              | 2.2                            | 2.8                            | IE4   |
|       |       |      |         |      |       |         |      |                          |      |      |                          |      |      |                                |                                |                                |       |
|       |       |      |         |      |       |         |      |                          |      |      |                          |      |      |                                |                                |                                |       |
| IM B3 |       |      | FS 132S |      | 73 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                        | 0.052                                   |            |
| 转动惯量 (kgm²)                              |   |            |
| Bearing DE   NDE                         | 6208 2Z C3                              | 6208 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                        | /                                       |            |
| 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      | -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  | steel          |
| 接线盒材料                     |                |
| Type of terminal box      | /              |
| 接线盒型号                     |                |
| Cable diameter            | 18-23          |
| 电缆直径 (mm)                 |                |
| Max. cross-sectional area | /              |
| 最大电缆截面积 (mm²)             |                |
| Main terminal thread      | 6xM4           |
| 接线端子螺纹                    |                |
| Cable gland               | 1 plug+1 gland |
| 葛兰                        |                |
| Main cable entry          | 2xM32X1.5      |
| 主进线孔螺纹规格                  |                |

Special design / 特殊设计

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！