

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

**三相异步鼠笼电动机数据表**

**MLFB-Ordering data:** 1TL8005-0DA22-1AA5



**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 |                        |      | IA/IN | MA/MN | MK/MN | IE-CL |
|--------------------|-------|------|--------|------|------|---------|------|--------------------------|-----|--------------|--------------------------|------------------------|------|-------|-------|-------|-------|
| [V]                |       | [Hz] | [kW]   | [hp] | [A]  | [1/min] | [Nm] | 4/4                      | 3/4 | 2/4          | 4/4                      | 3/4                    | 2/4  | II/IN | TI/TN | TB/TN |       |
| 220                | D     | 50   | 0.75   | /    | 2.75 | 2885    | 2.5  | 86.3                     | 87  | 86           | 0.83                     | 0.79                   | 0.69 | 8.7   | 4.2   | 4.4   | IE5   |
| 380                | Y     | 50   | 0.75   | /    | 1.59 | 2885    | 2.5  | 86.3                     | 87  | 86           | 0.83                     | 0.79                   | 0.69 | 8.7   | 4.2   | 4.4   | IE5   |
|                    |       |      |        |      |      |         |      |                          |     |              |                          |                        |      |       |       |       |       |
| A = IM B3 / IM 100 |       |      | FS 80M |      |      | 19 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)              | 51                                     | /          |
| Moment of inertia<br>转动惯量 (kgm²)                      | 0.0014                                 |            |
| Bearing DE   NDE<br>轴承 DE   NDE                       | 6204 2RZ C3                            | 6204 2RZ C |
| Relubrication quantity (DE NDE)<br>再润滑用量 (g) (DE NDE) | /                                      | /          |
| Relubrication interval (DE NDE)<br>再润滑周期 (h) (DE NDE) | /                                      |            |
| Lubricants<br>润滑脂                                     | /                                      |            |
| Regreasing device<br>再润滑装置                            | No                                     |            |
| Grease nipple<br>油杯                                   | No                                     |            |
| Type of bearing<br>轴承类型                               | Floating bearings on DE and NDE        |            |
| Condensate drainage holes<br>排水孔                      | No                                     |            |
| External earthing terminal<br>外部接地                    | No                                     |            |
| Vibration class<br>振动等级                               | A                                      |            |
| Insulation<br>绝缘等级                                    | 155(F)to 130 (B)                       |            |
| Duty type<br>工作方式                                     | S1                                     |            |
| Direction of rotation<br>旋转方向                         | Bidirectional                          |            |
| Frame material<br>机座材料                                | Cast iron                              |            |
| Data of anti condensation heating<br>防潮加热             | No                                     |            |
| Coating<br>喷漆                                         | Yes                                    |            |
| Color<br>颜色                                           | RAL 7011                               |            |
| Motor protection<br>电机保护                              | A=without winding protection           |            |
| Method of cooling<br>冷却方式                             | IC411-Self ventilated , surface cooled |            |
| Environmental conditions / 环境条件                       |                                        |            |
| Ambient temperature<br>环境温度(°C)                       | -15                                    | 40         |
| Altitude above sea level<br>海拔高度                      | 1000m                                  |            |

| Terminal box / 接线盒                         |         |
|--------------------------------------------|---------|
| Terminal box position<br>接线盒位置             | Right   |
| Material of terminal box<br>接线盒材料          | Steel   |
| Type of terminal box<br>接线盒型号              | /       |
| Cable diameter<br>电缆直径 (mm)                | 13-18   |
| Max. cross-sectional area<br>最大电缆截面积 (mm²) | /       |
| Main terminal thread<br>接线端子螺纹             | 6xM4    |
| Cable gland<br>葛兰                          | 1 gland |
| Main cable entry<br>主进线孔螺纹规格               | M25×1.5 |

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