

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

**三相异步鼠笼电动机数据表**

**MLFB-Ordering data:** 1TL8005-3AB03-3AA5



**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 |      |      | 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 |       |
| 380                | D     | 50   | 110     | /    | 200     | 1492    | 704  | 97                       | 97.2 | 96.9 | 0.86                     | 0.84 | 0.78 | 8.5   | 3.2   | 3     | IE5   |
| 660                | Y     | 50   | 110     | /    | 115     | 1492    | 704  | 97                       | 97.2 | 96.9 | 0.86                     | 0.84 | 0.78 | 8.5   | 3.2   | 3     | IE5   |
|                    |       |      |         |      |         |         |      |                          |      |      |                          |      |      |       |       |       |       |
| A = IM B3 / IM 100 |       |      | FS 315S |      | 1190 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)              | 69                                      | /       |
| Moment of inertia<br>转动惯量 (kgm²)                      | 4.60                                    |         |
| Bearing DE   NDE<br>轴承 DE   NDE                       | 6319 C3                                 | 6319 C3 |
| Relubrication quantity (DE NDE)<br>再润滑用量 (g) (DE NDE) | 40                                      | 40      |
| Relubrication interval (DE NDE)<br>再润滑周期 (h) (DE NDE) | 5000                                    |         |
| Lubricants<br>润滑脂                                     | 2# Li Grease                            |         |
| Regreasing device<br>再润滑装置                            | Yes                                     |         |
| Grease nipple<br>油杯                                   | M10x1                                   |         |
| Type of bearing<br>轴承类型                               | Fixed bearing on NDE                    |         |
| Condensate drainage holes<br>排水孔                      | No                                      |         |
| External earthing terminal<br>外部接地                    | Yes                                     |         |
| 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 motor 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)                | 37-44            |
| Max. cross-sectional area<br>最大电缆截面积 (mm²) | /                |
| Main terminal thread<br>接线端子螺纹             | 6xM12            |
| Cable gland<br>葛兰                          | 1 plug + 1 gland |
| Main cable entry<br>主进线孔螺纹规格               | 2xM63x1.5        |

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