

**Data sheet for three-phase Squirrel-Cage-Motors****三相异步鼠笼电动机数据表****MLFB-Ordering data:** 1TL8005-1DA33-3AA5**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   | 15      | /    | 27     | 2960    | 48.4 | 94.5                     | 95  | 94.8                   | 0.89                     | 0.87 | 0.81 | 9     | 3.1   | 3.5   | IE5   |
| 660                | Y     | 50   | 15      | /    | 15.6   | 2960    | 48.4 | 94.5                     | 95  | 94.8                   | 0.89                     | 0.87 | 0.81 | 9     | 3.1   | 3.5   | IE5   |
|                    |       |      |         |      |        |         |      |                          |     |                        |                          |      |      |       |       |       |       |
| A = IM B3 / IM 100 |       |      | FS 160M |      | 144 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 (kgm <sup>2</sup> )         | 0.0740                                  |            |
| Bearing DE   NDE<br>轴承 DE   NDE                       | 6309 2RZ C3                             | 6209 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                       |            |
| 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 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)                             | 22-28            |
| Max. cross-sectional area<br>最大电缆截面积 (mm <sup>2</sup> ) | /                |
| Main terminal thread<br>接线端子螺纹                          | 6xM5             |
| Cable gland<br>葛兰                                       | 1 plug + 1 gland |
| Main cable entry<br>主进线孔螺纹规格                            | 2xM40x1.5        |

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