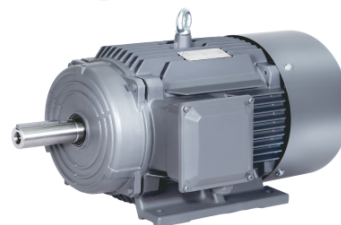


## Data sheet for three-phase Squirrel-Cage-Motors

### 三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL0003-1AC42-1AA5



#### 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			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	1.5	/	6.5	950	15.1	82.5	84.1	/	0.74	/	/	5.5	2.5	3.5	IE3
380	Y	50	1.5	/	3.75	950	15.1	82.5	84.1	/	0.74	/	/	5.5	2.5	3.5	IE3
IM B3			FS 100 L			40 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)	49
声压等级 50Hz/60Hz (空载)(dB(A))	
Moment of inertia	0.01107
转动惯量 (kgm <sup>2</sup> )	
Bearing DE   NDE	6206 2RZ C
轴承 DE   NDE	6206 2RZ C3
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	No
再润滑装置	No
Grease nipple	No
油杯	No
Type of bearing	Floating bearings
轴承类型	Floating bearings
Condensate drainage holes	No
排水孔	No
External earthing terminal	No
外部接地	No
Vibration class	A
振动等级	A
Insulation	155(F)
绝缘等级	155(F)
Duty type	S1
工作方式	S1
Direction of rotation	Bidirectional
旋转方向	Bidirectional
Frame material	Cast iron
机座材料	Cast iron
Data of anti condensation heating	No
防潮加热	No
Coating	Yes
喷漆	Yes
Color	RAL 7011
颜色	RAL 7011
Motor protection	A = Without winding protection
电机保护	A = Without winding protection
Method of cooling	IC411 - Self ventilated, surface cooled
冷却方式	IC411 - Self ventilated, surface cooled

#### Terminal box / 接线盒

Terminal box position	Right
接线盒位置	Right
Material of terminal box	Steel
接线盒材料	Steel
Type of terminal box	/
接线盒型号	/
Cable diameter	10-14
电缆直径 (mm)	10-14
Max. cross-sectional area	/
最大电缆截面积 (mm <sup>2</sup> )	/
Main terminal thread	6xM4
接线端子螺纹	6xM4
Cable gland	1 gland
葛兰	1 gland
Main cable entry	1xM24x1.5
主进线孔螺纹规格	1xM24x1.5

#### Special design / 特殊设计

#### Environmental conditions / 环境条件

Ambient temperature	-15 ~ 40
环境温度(°C)	-15 ~ 40
Altitude above sea level	1000m
海拔高度	1000m