

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

### 三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8004-2AC53-3AA5



#### 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			I <sub>A</sub> /I <sub>N</sub>	M <sub>A</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>A</sub> /I <sub>N</sub>	T <sub>A</sub> /T <sub>N</sub>	T <sub>B</sub> /T <sub>N</sub>	
380	D	50	22	/	44.0	988	213	93.7	94.2	93.9	0.81	0.77	0.68	8	2.8	3	IE4
660	Y	50	22	/	25.5	988	213	93.7	94.2	93.9	0.81	0.77	0.68	8	2.8	3	IE4
IMB3			FS 200L		267 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)	59
声压等级 50Hz/60Hz (空载)(dB(A))	
Moment of inertia	0.996
转动惯量 (kgm <sup>2</sup> )	
Bearing DE   NDE	6312 C3   6212 C3
轴承 DE   NDE	
Relubrication quantity (DE NDE)	20   20
再润滑用量 (g) (DE NDE)	
Relubrication interval (DE NDE)	8000
再润滑周期 (h) (DE NDE)	
Lubricants	2# Li Grease
润滑脂	
Regreasing device	Yes
再润滑装置	
Grease nipple	M10x1
油杯	
Type of bearing	Fixed bearing on NDE
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	

#### Terminal box / 接线盒

Terminal box position	Right
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	32-36
电缆直径 (mm)	
Max. cross-sectional area	/
最大电缆截面积 (mm <sup>2</sup> )	
Main terminal thread	6XM8
接线端子螺纹	
Cable gland	1 plug+1 gland
葛兰	
Main cable entry	2xM50X1.5
主进线孔螺纹规格	

#### Special design / 特殊设计

#### Environmental conditions / 环境条件

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