



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8014-1AC42-1AA4 D24

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	975	14.7	85.9	86.0	84.3	0.71	0.63	0.50	7.5	2.9	3.6	IE4
380	Y	50	1.5	/	3.75	975	14.7	85.9	86.0	84.3	0.71	0.63	0.50	7.5	2.9	3.6	IE4
IM B3			FS 100L		50 kg		IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data / 机械性能数据			Terminal box / 接线盒	
Sound pressure level 50Hz/60Hz (No load)	49	/	Terminal box position	Top
声压等级 50Hz/60Hz (空载)(dB(A))			接线盒位置	
Moment of inertia	0.01846		Material of terminal box	steel
转动惯量 (kgm²)			接线盒材料	
Bearing DE   NDE	6206 2Z C3	6206 2Z C3	Type of terminal box	/
轴承 DE   NDE			接线盒型号	
Relubrication quantity (DE NDE)	/	/	Cable diameter	18~23
再润滑用量 (g) (DE NDE)			电缆直径 (mm)	
Relubrication interval (DE NDE)	/		Max. cross-sectional area	/
再润滑周期 (h) (DE NDE)			最大电缆截面积 (mm²)	
Lubricants	/		Main terminal thread	6xM4
润滑脂			接线端子螺纹	
Regreasing device	/		Cable gland	1 plug+1 gland
再润滑装置			葛兰	
Grease nipple	no		Main cable entry	2xM32X1.5
油杯			主进线孔螺纹规格	
Type of bearing	Floating bearings		Special design / 特殊设计	
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				
Environmental conditions / 环境条件				
Ambient temperature	-20 ~ 40			
环境温度(°C)				
Altitude above sea level	1000m			
海拔高度 (m)				

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.  
若有技术更改，恕不另行通知！计算出的数据可能和铭牌数据有所不同！