



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8014-3BD53-3AA4 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>	
380	D	50	185	/	360	743	2378	95.3	95.8	95.9	0.82	0.79	0.70	7.7	2.3	2.3	IE4
660	Y	50	185	/	205	743	2378	95.3	95.8	95.9	0.82	0.79	0.70	7.7	2.3	2.3	IE4
IM B3			FS 355L			1810 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) 声压等级 50Hz/60Hz (空载)(dB(A))	#N/A	/	Terminal box position 接线盒位置	Top
Moment of inertia 转动惯量 (kgm²)	11.87		Material of terminal box 接线盒材料	steel
Bearing DE   NDE 轴承 DE   NDE	6322 C3	6322 C3	Type of terminal box 接线盒型号	/
Relubrication quantity (DE NDE) 再润滑用量 (g) (DE NDE)	60	60	Cable diameter 电缆直径 (mm)	38~47
Relubrication interval (DE NDE) 再润滑周期 (h) (DE NDE)	4000		Max. cross-sectional area 最大电缆截面积 (mm²)	/
Lubricants 润滑脂	Unirex N3		Main terminal thread 接线端子螺纹	6XM16
Regreasing device 再润滑装置	Yes		Cable gland 葛兰	1 plug+1 gland
Grease nipple 油杯	M10x1		Main cable entry 主进线孔螺纹规格	2xM72X2
Type of bearing 轴承类型	Fixed bearing on NDE		Special design / 特殊设计	
Condensate drainage holes 排水孔	no			
External earthing terminal 外部接地	no			
Vibration class 振动等级	A			
Insulation 绝缘等级	155(F)			
Duty type 工作方式	S1			
Direction of rotation 旋转方向	Bidirectional			
Frame material 机座材料	Cast iron			
Data of anti condensation heating 防潮加热	no			
Coating 喷漆	yes			
Color 颜色	RAL 7011			
Motor protection 电机保护	A=without winding protection			
Method of cooling 冷却方式	IC411 - Self ventilated, surface cooled			
Environmental conditions / 环境条件				
Ambient temperature 环境温度(°C)	-20 ~ 40			
Altitude above sea level 海拔高度 (m)	1000m			

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！