



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8014-3AB03-3AA4 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	110	/	200	1491	705	96.3	96.5	96.1	0.86	0.83	0.76	8.5	2.8	2.5	IE4
660	Y	50	110	/	116	1491	705	96.3	96.5	96.1	0.86	0.83	0.76	8.5	2.8	2.5	IE4
IM B3			FS 315S		935 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) 声压等级 50Hz/60Hz (空载)(dB(A))	69	/
Moment of inertia 转动惯量 (kgm²)	3.35	
Bearing DE   NDE 轴承 DE   NDE	6319 C3	6319 C3
Relubrication quantity (DE NDE) 再润滑用量 (g) (DE NDE)	40	40
Relubrication interval (DE NDE) 再润滑周期 (h) (DE NDE)	5000	
Lubricants 润滑脂	Unirex N3	
Regreasing device 再润滑装置	Yes	
Grease nipple 油杯	M10x1	
Type of bearing 轴承类型	Fixed bearing on NDE	
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

Terminal box / 接线盒

Terminal box position 接线盒位置	Top
Material of terminal box 接线盒材料	steel
Type of terminal box 接线盒型号	/
Cable diameter 电缆直径 (mm)	37~44
Max. cross-sectional area 最大电缆截面积 (mm²)	/
Main terminal thread 接线端子螺纹	6XM12
Cable gland 葛兰	1 plug+1 gland
Main cable entry 主进线孔螺纹规格	2xM63X1.5

Special design / 特殊设计