



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1MT8004-2BB23-3AA4

Flameproof grade: Ex db IIB T4 Gb



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	45	/	84	1488	289	95.4	95.7	95.5	0.85	0.81	0.72	8.5	2.8	3	IE4
660	Y	50	45	/	48.5	1488	289	95.4	95.7	95.5	0.85	0.81	0.72	8.5	2.8	3	IE4
IM B3			FS 225M		487 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)	63	/	
声压等级 50Hz/60Hz (空载)(dB(A))			
Moment of inertia	0.937		
转动惯量 (kgm²)			
Bearing DE   NDE	6313 C3	6313 C3	
轴承 DE   NDE			
Relubrication quantity (DE NDE)	20g	20g	
再润滑用量 (g) (DE NDE)			
Relubrication interval (DE NDE)	8000h		
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	Floating bearing DE		
轴承类型			
Condensate drainage holes	No		
排水孔			
External earthing terminal	Yes		
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)	

Terminal box / 接线盒	
Terminal box position	Top
接线盒位置	
Material of terminal box	Cast iron
接线盒材料	
Type of terminal box	/
接线盒型号	
Cable diameter	19~20/25~26/31~32/37~38/41~42
电缆直径 (mm)	
Hoop gland diameter	1xφ72
接线盒斗直径	
Main terminal thread	6xM8
接线端子螺纹	
Cable gland	/
葛兰	
Max. auxiliary terminals	/
最大辅助端子数	
Auxiliary cable entry	/
辅助进线孔	

Special design / 特殊设计
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