



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1MT8004-1AB52-1AA4

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 _s /I _N	M _s /M _N	M _k /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _s /I _N	T _s /T _N	T _B /T _N	
220	D	50	3	/	10.9	1470	19.5	90.4	90.6	89.3	0.80	0.74	0.62	8.9	2.8	3.8	IE4
380	Y	50	3	/	6.3	1470	19.5	90.4	90.6	89.3	0.80	0.74	0.62	8.9	2.8	3.8	IE4
IM B3			FS 100L		73 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)	52	/
声压等级 50Hz/60Hz (空载)(dB(A))		
Moment of inertia	0.0201	
转动惯量 (kgm²)		
Bearing DE NDE	6306 2Z C3	6306 2Z C3
轴承 DE NDE		
Relubrication quantity (DE NDE)	/	/
再润滑用量 (g) (DE NDE)		
Relubrication interval (DE NDE)	/	
再润滑周期 (h) (DE NDE)		
Lubricants	/	
润滑脂		
Regreasing device	No	
再润滑装置		
Grease nipple	/	
油杯		
Type of bearing	Floating bearing DE and NDE	
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	13-14/19-20/24-25
电缆直径 (mm)	
Hoop gland diameter	1xφ42
接线盒斗直径	
Main terminal thread	6xM5
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
