



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1MT8004-1EB43-3AA4

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 _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	
380	D	50	22	/	43	1480	142	94.5	94.8	94.3	0.82	0.78	0.68	8.5	2.8	3.6	IE4
660	Y	50	22	/	25	1480	142	94.5	94.8	94.3	0.82	0.78	0.68	8.5	2.8	3.6	IE4
IM B3			FS 180L			292 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))	61	/	Terminal box position 接线盒位置	Top
Moment of inertia 转动惯量 (kgm²)	0.2811		Material of terminal box 接线盒材料	Cast iron
Bearing DE NDE 轴承 DE NDE	6310 C3	6310 C3	Type of terminal box 接线盒型号	/
Relubrication quantity (DE NDE) 再润滑用量 (g) (DE NDE)	15g	15g	Cable diameter 电缆直径 (mm)	13~14/19~20/25~26/30~31/34~35
Relubrication interval (DE NDE) 再润滑周期 (h) (DE NDE)	8000h		Hoop gland diameter 接线盒斗直径	1xφ58
Lubricants 润滑脂	2# Li Grease		Main terminal thread 接线端子螺纹	6xM6
Regreasing device 再润滑装置	Yes		Cable gland 葛兰	/
Grease nipple 油杯	M10x1		Max. auxiliary terminals 最大辅助端子数	/
Type of bearing 轴承类型	Floating bearing DE		Auxiliary cable entry 辅助进线孔	/
Condensate drainage holes 排水孔	No		Special design / 特殊设计	
External earthing terminal 外部接地	Yes			
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！