



## Data sheet for 1MB0013 Dust Explosion-proof Motors

### 1MT0013系列粉尘防爆电动机数据表

MLFB-Ordering data: 1MT0013-3BB53-3AA4

Explosion-proof grade: Ex tb IIIC T130°C Db



#### Motor type:

Client order no.:

Order no.:

Offer no.:

Remarks:

U	Δ/Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I <sub>A</sub> /I <sub>N</sub>	M <sub>A</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>A</sub> /I <sub>N</sub>	T <sub>A</sub> /T <sub>N</sub>	T <sub>B</sub> /T <sub>N</sub>	
380	Δ	50	280	-/-	500	1490	1795	96.0	96.1	-/-	0.88	-/-	-/-	7.8	1.8	2.9	IE3
660	Y	50	280	-/-	290	1490	1795	96.0	96.1	-/-	0.88	-/-	-/-	7.8	1.8	2.9	IE3
IM B3			FS 355L		1670 kg	IP65		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 (load)	81 dB(A)	-/-	Terminal box position	top
声压等级 50Hz/60Hz (负载)			接线盒位置	顶部
Moment of inertia	6.52 kgm <sup>2</sup>		Material of terminal box	cast iron
转动惯量			接线盒材料	铸铁
Bearing DE   NDE	6322 C3 6322 C3		Type of terminal box	-/-
轴承 DE   NDE			接线盒型号	
Bearing lifetime	-/-		Cable diameter	42.5-54.3
轴承寿命			外接电缆直径(mm)	
Lubricants	BME		Max. auxiliary terminals	-/-
润滑油			最大辅助端子数	
Regreasing device	Yes		Auxiliary cable entry	-/-
再润滑装置			辅助进线孔	
Grease nipple	M10x1		Main terminal thread	M16
油杯			接线端子螺纹	
Type of bearing	floating bearing DE		Cable entry	2xM72x2
轴承类型	驱动端轴承浮动		进线孔尺寸	
Condensate drainage holes	No		Special design / 特殊设计	
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	双向			
Frame material	cast iron			
机座材料	铸铁			
Data of anti condensation heating	-/-			
防潮加热				
Coating	YES			
喷漆				
Color	RAL7030			
颜色				
Motor protection	-/-			
电机保护				
Method of cooling	IC411 - self ventilated, surface cooled			
冷却方式	IC411 - 自扇冷			
Environmental conditions / 环境条件				
Ambient temperature	-15 °C - +40 °C			
环境温度				
Altitude above sea level	1000 m			
海拔高度				

Unrestricted

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

Page 1/1 Version: 2019.10