



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL0013-3BC53-3AA4 W12

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	220	/	415	993	2116	95.8	96.0	95.6	0.84	0.81	0.74	8.5	3	2.4	IE3
660	Y	50	220	/	240	993	2116	95.8	96.0	95.6	0.84	0.81	0.74	8.5	3	2.4	IE3
IM B3			FS 355L			1940 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)		71	Terminal box position		Top
声压等级 50Hz/60Hz (空载)(dB(A))		/	接线盒位置		
Moment of inertia		12.86	Material of terminal box		steel
转动惯量 (kgm²)			接线盒材料		
Bearing DE   NDE		6322 C3	Type of terminal box		/
轴承 DE   NDE		6322 C3	接线盒型号		
Relubrication quantity (DE NDE)		60	Cable diameter		38~47
再润滑用量 (g) (DE NDE)		60	电缆直径 (mm)		
Relubrication interval (DE NDE)		4000	Max. cross-sectional area		240
再润滑周期 (h) (DE NDE)			最大电缆截面积 (mm²)		
Lubricants		Unirex N3	Main terminal thread		6XM16
润滑脂			接线端子螺纹		
Regreasing device		Yes	Cable gland		1 plug+1 gland
再润滑装置			葛兰		
Grease nipple		M10x1	Main cable entry		2xM72X2
油杯			主进线孔螺纹规格		
Type of bearing		Fixed bearing on NDE	Special design / 特殊设计		
轴承类型					
Condensate drainage holes		no			
排水孔					
External earthing terminal		no			
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)					

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！