



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8014-3AB53-3AA4 D24

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	160	/	290	1490	1026	96.6	97.0	97.0	0.87	0.86	0.80	8.5	3	2.2	IE4
660	Y	50	160	/	167	1490	1026	96.6	97.0	97.0	0.87	0.86	0.80	8.5	3	2.2	IE4
IM B3			FS 315L			1130 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	4.24		Material of terminal box	steel	
转动惯量 (kgm²)			接线盒材料		
Bearing DE NDE	6319 C3	6319 C3	Type of terminal box	/	
轴承 DE NDE			接线盒型号		
Relubrication quantity (DE NDE)	40	40	Cable diameter	37~44	
再润滑用量 (g) (DE NDE)			电缆直径 (mm)		
Relubrication interval (DE NDE)	5000		Max. cross-sectional area	/	
再润滑周期 (h) (DE NDE)			最大电缆截面积 (mm²)		
Lubricants	Unirex N3		Main terminal thread	6XM12	
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	2xM63X1.5	
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！