



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

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8014-2DC03-3AA4 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	45	/	87	992	433	94.8	95.0	94.7	0.83	0.80	0.71	8	3.6	3.6	IE4
660	Y	50	45	/	50	992	433	94.8	95.0	94.7	0.83	0.80	0.71	8	3.6	3.6	IE4
IM B3			FS 280M		550 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)	62	/	Terminal box position	Top				
声压等级 50Hz/60Hz (空载)(dB(A))			接线盒位置					
Moment of inertia	2.023		Material of terminal box	steel				
转动惯量 (kgm²)			接线盒材料					
Bearing DE NDE	6316 C3	6316 C3	Type of terminal box	/				
轴承 DE NDE			接线盒型号					
Relubrication quantity (DE NDE)	30	30	Cable diameter	37~44				
再润滑用量 (g) (DE NDE)			电缆直径 (mm)					
Relubrication interval (DE NDE)	8000		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	6XM10				
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		Special design / 特殊设计					
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		Special design / 特殊设计					
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						Special design / 特殊设计		
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！