

Data sheet for three-phase Squirrel-Cage-Motors

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8005-0EA42-1AA5



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			IA/IN	MA/MN	MK/MN	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	II/IN	TI/TN	TB/TN	
220	D	50	2.2	/	7.4	2900	7.2	90.2	91.6	91.9	0.86	0.83	0.75	9	3.4	4	IE5
380	Y	50	2.2	/	4.3	2900	7.2	90.2	91.6	91.9	0.86	0.83	0.75	9	3.4	4	IE5
A = IM B3 / IM 100			FS 90L			32 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)	55	/	Terminal box position	Right
Moment of inertia	0.0043		接线盒位置	
转动惯量 (kgm²)			Material of terminal box	Steel
Bearing DE NDE	6205 2RZ C3	6205 2RZ C	接线盒材料	
轴承 DE NDE			Type of terminal box	/
Relubrication quantity (DE NDE)	/	/	接线盒型号	
再润滑用量 (g) (DE NDE)			Cable diameter	13-18
Relubrication interval (DE NDE)	/		电缆直径 (mm)	
再润滑周期 (h) (DE NDE)			Max. cross-sectional area	/
Lubricants	/		最大电缆截面积 (mm²)	
润滑脂			Main terminal thread	6xM4
Regreasing device	No		接线端子螺纹	
再润滑装置			Cable gland	1 gland
Grease nipple	No		葛兰	
油杯			Main cable entry	M25×1.5
Type of bearing	Floating bearings on DE and NDE		主进线孔螺纹规格	
轴承类型			Special design / 特殊设计	
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)to 130 (B)			
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	-15	40		
环境温度(°C)				
Altitude above sea level	1000m			
海拔高度				