

Data sheet for three-phase Squirrel-Cage-Motors

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8005-1AC42-1AA5



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	
380	Y	50	1.5	/	3.65	970	14.8	88.4	88.8	87.6	0.71	0.62	0.49	7.8	3.2	3.5	IE5
220	D	50	1.5	/	6.3	970	14.8	88.4	88.8	87.6	0.71	0.62	0.49	7.8	3.2	3.5	IE5
A = IM B3 / IM 100			FS 100L		49 kg		IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data / 机械性能数据		
Sound pressure level 50Hz/60Hz (No load)	49	/
Moment of inertia 转动惯量 (kgm²)	0.0180	
Bearing DE NDE 轴承 DE NDE	6206 2RZ C3	6206 2RZ C
Relubrication quantity (DE NDE) 再润滑用量 (g) (DE NDE)	/	/
Relubrication interval (DE NDE) 再润滑周期 (h) (DE NDE)	/	
Lubricants 润滑脂	/	
Regreasing device 再润滑装置	No	
Grease nipple 油杯	No	
Type of bearing 轴承类型	Floating bearings on DE and NDE	
Condensate drainage holes 排水孔	No	
External earthing terminal 外部接地	No	
Vibration class 振动等级	A	
Insulation 绝缘等级	155(F) to 130(B)	
Duty type 工作方式	S1	
Direction of rotation 旋转方向	bidirectional	
Frame material 机座材料	Cast iron	
Data of anti condensation heating 防潮加热	No	
Coating 喷漆	Yes	
Color 颜色	RAL 7011	
Motor protection 电机保护	A = Without motor protection	
Method of cooling 冷却方式	IC411 - Self ventilated, surface cooled	
Environmental conditions / 环境条件		
Ambient temperature 环境温度(°C)	-15	40
Altitude above sea level 海拔高度	1000m	

Terminal box / 接线盒	
Terminal box position 接线盒位置	Right
Material of terminal box 接线盒材料	Steel
Type of terminal box 接线盒型号	/
Cable diameter 电缆直径 (mm)	18-23
Max. cross-sectional area 最大电缆截面积 (mm²)	/
Main terminal thread 接线端子螺纹	6xM5
Cable gland 葛兰	1 plug + 1 gland
Main cable entry 主进线孔螺纹规格	2xM32x1.5

Special design / 特殊设计	
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