

Data sheet for three-phase Squirrel-Cage-Motors

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8005-1AB52-1AA5



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	3	/	6.3	1480	19.4	92.1	92.4	91.7	0.79	0.73	0.62	10.5	2.4	4.2	IE5
220	D	50	3	/	10.8	1480	19.4	92.1	92.4	91.7	0.79	0.73	0.62	10.5	2.4	4.2	IE5
A = IM B3 / IM 100			FS 100L		56 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)	52	/	Terminal box position	Right	
Moment of inertia	0.0240		接线盒位置		
转动惯量 (kgm²)			Material of terminal box	Steel	
Bearing DE NDE	6206 2RZ C3	6206 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	18-23	
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	6xM5	
Regreasing device	No		接线端子螺纹		
再润滑装置			Cable gland	1 plug + 1 gland	
Grease nipple	No		葛兰		
油杯			Main cable entry	2xM32x1.5	
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 motor 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					