INNOMOTICS

Data sheet for SIMOTICS GP 1LE0022 three-phase Asynchronous Squirrel-Cage-Motors

1LE0022系列三相异步鼠笼电动机数据表

MLFB-Ordering data: 1LE0022-0DB22-2AA4

Motor type:
Client order no.:
Order no.:
Offer no.:
Remarks:

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%] 4/4	3/4	2/4	Power factor at ... load 4/4	3/4	2/4	I_A/I_N I_I/I_N	M_A/M_N T_I/T_N	M_K/M_N T_B/T_N	IE-CL
230	Δ	50	0.55	- / -	2.45	1415	3.7	69.4	69.9	66.8	0.81	- / -	- / -	4.5	2	2.6	IE1
400	Y	50	0.55	- / -	1.41	1415	3.7	69.4	69.9	66.8	0.81	- / -	- / -	4.5	2	2.6	IE1
460	Y	60	0.63	- / -	1.29	1700	3.5	75.5	- / -	- / -	0.81	- / -	- / -	4.5	2	2.6	IE1
IM B3			FS 80 M		15.5kg	IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data / 机械性能数据

Sound pressure level 50Hz/60Hz 声压等级 50Hz/60Hz（负载）	45 dB(A)	- / -
Moment of inertia 转动惯量	0.0021 kgm²	
Bearing DE | NDE 轴承 DE | NDE	6204 2Z C3	6204 2Z C3
Bearing lifetime 轴承寿命	- / -	
Lubricants 润滑脂	- / -	
Regreasing device 再润滑装置	No	
Grease nipple 油杯	- / -	
Type of bearing 轴承类型	floating bearing DE and NDE 驱动端和非驱动端轴承浮动	
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)	
Duty type 工作方式	S1	
Direction of rotation 旋转方向	bidirectional 双向	
Frame material 机座材料	cast iron 铸铁	
Data of anti condensation heating 防潮加热	-/-	
Coating 喷漆	Yes	
Color 颜色	RAL7030	
Motor protection 电机保护³	- / -	
Method of cooling 冷却方式	IC411 - self ventilated, surface cooled IC411 - 自扇冷	

Environmental conditions

Ambient temperature 环境温度	-20 °C ~ +40 °C
Altitude above sea level 海拔高度	1000 m

Terminal box / 接线盒

Terminal box position 接线盒位置	top 顶部
Material of terminal box 接线盒材料	cast iron 铸铁
Type of terminal box 接线盒型号	- / -
Gland size / Plug size 葛兰/闷盖尺寸	M25x1.5/M16x1.5
Cable diameter 电缆直径(mm)	13~18
Max. auxiliary terminals 最大辅助端子数	- / -
Auxiliary cable entry 辅助进线孔	- / -
Main terminal thread 主接线端子螺纹	6xM4

Special design / 特殊设计

Unrestricted

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

Branding disclaimer applies