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: 1LE0022-2DC03-4AA4

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
400	Δ	50	45	- / -	84	985	437	91.4	92.4	92.3	0.85	- / -	- / -	7.1	2.5	2.8	IE1
690	Y	50	45	- / -	48.5	985	437	91.4	92.4	92.3	0.85	- / -	- / -	7.1	2.5	2.8	IE1
460	Δ	60	51	- / -	82	1182	412	92.1	- / -	- / -	0.85	- / -	- / -	7.1	2.5	2.8	IE1
IM B3			FS 280 S		456kg	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）	66 dB(A)	- / -
Moment of inertia 转动惯量	1.2 kgm²	
Bearing DE | NDE 轴承 DE | NDE	6317 C3	6317 C3
Bearing lifetime 轴承寿命	- / -	
Lubricants 润滑脂	Unirex N3	
Regreasing device 再润滑装置	Yes	
Grease nipple 油杯	M10x1	
Type of bearing 轴承类型	floating bearing DE 驱动端轴承浮动	
Condensate drainage holes 排水孔	Yes	
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	M63x1.5/M63x1.5
Cable diameter 电缆直径(mm)	37~44
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	6xM10

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