

Data sheet for SIMOTICS S-1FL6

MLFB-Ordering data 1FL6024-2AF21-1MG1



Figure similar

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

Item no. :
Consignment no. :
Project :

Engineering data		Mechanical data		
Rated speed	3000 rpm	Motor type	Low Inertia	
Rated torque (100 K)	0.32 Nm	Motor type	Permanent-magnet synchronous motor	
Rated current	1.2 A			
Rated power	0.10 kW / 0.14 hp			
Max. speed	5000 rpm	Shaft height	20	
Maximum torque	0.96 Nm	Encoder system	Absolute encoder single-turn 21 bit	
Max. current	3.6 A	Cooling	Natural cooling	
Static torque	0.32 Nm	Shaft end	Plain shaft	
Moment of inertia	0.052 kgcm²	Radial runout tolerance	Class N	
Physical constants		Vibration severity grade	Grade A	
		Degree of protection	IP65	
		Design acc. to Code I	IM B5 (IM V1, IM V3)	
		Connection type		Cable outlet
Ambient conditions				
Ambient temperature				
Operation	0 ... 40 °C			
Relative humidity				
Max. operation	90 % RH maximum (no condensation at 30 °C)			
Standards				
Compliance with standards	CE, EAC			