

Data sheet for SIMOTICS S-1FL6

MLFB-Ordering data 1FL6022-2AF21-1AA1



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)	0.16 Nm	Motor type	Permanent-magnet synchronous motor
Rated current	1.2 A		
Rated power	0.05 kW / 0.07 hp	Shaft height	20
Max. speed	5000 rpm	Encoder system	Incremental encoder TTL, 2500 S/R (13 bit)
Maximum torque	0.48 Nm	Cooling	Natural cooling
Max. current	3.6 A	Shaft extension	Feather key
Static torque	0.16 Nm	Radial runout tolerance	Class N
Moment of inertia	0.031 kgcm²	Vibration severity grade	Grade A
Physical constants		Degree of protection	IP65
Torque constant	0.14 Nm/A	Design acc. to Code I	IM B5 (IM V1, IM V3)
Thermal class	B (130 °C)	Connection type	Cable outlet
Net weight	0.47 kg		
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		