

Data sheet for SIMOTICS S-1FL6

Ordering data

1FL6034-2AF21-1AA1



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data		Physical constants	
Rated speed	3000 rpm	Torque constant	0.49 Nm/A
Rated torque (100 K)	1.27 Nm	Thermal class	B (130 °C)
Rated current	2.6 A	Net weight	1.46 kg
Rated power	0.40 kW / 0.54 hp	Ambient conditions	
Max. speed	5000 rpm	Ambient temperature	
Maximum torque	3.82 Nm	Operation	0 ... 40 °C
Max. current	7.8 A	Relative humidity	
Moment of inertia	0.351 kgm ²	Max. operation	90 % RH maximum (no condensation at 30 °C)
Mechanical data		Standards	
Motor type	Low Inertia	Compliance with standards	
Motor type	Permanent-magnet synchronous motor	CE, EAC	
Shaft height	30		
Encoder system	Incremental encoder TTL, 2500 S/R (13 bit)		
Cooling	Natural cooling		
Shaft extension	Feather key		
Radial runout tolerance	Class N		
Vibration severity grade	Grade A		
Degree of protection	IP65		
Design acc. to Code I	IM B5 (IM V1, IM V3)		