

Data sheet for SIMOTICS S-1FL6



Figure similar

MLFB-Ordering data

1FL6067-1AC61-2AG1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data		Mechanical data			
Rated speed	2000 rpm	Motor type	High Inertia		
Rated torque (100 K)	9.55 Nm	Motor type	Permanent-magnet synchronous motor		
Rated current	5.9 A	Shaft height	65		
Rated power	2.00 kW / 2.72 hp	Encoder system	Incremental encoder TTL, 2500 S/R (13 bit)		
Max. speed	3000 rpm	Cooling	Natural cooling		
Maximum torque	28.70 Nm	Shaft extension	Plain shaft		
Max. current	17.7 A	Radial runout tolerance	Class N		
Static torque	15.00 Nm	Vibration severity grade	Grade A		
Moment of inertia	29.900 kgcm ²	Degree of protection	IP65		
Physical constants		Design acc. to Code I	IM B5 (IM V1, IM V3)		
		Torque constant	1.70 Nm/A	Connection type	Angular connector (rotatable)
		Thermal class	B (130 °C)		
Net weight	13.70 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				