

Data sheet for SIMOTICS S-1FL6

MLFB-Ordering data 1FL6052-2AF21-2AA1



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)	4.78 Nm	Motor type	Permanent-magnet synchronous motor
Rated current	10.6 A		
Rated power	1.50 kW / 2.04 hp		
Max. speed	5000 rpm	Shaft height	50
Maximum torque	14.30 Nm	Encoder system	Incremental encoder TTL, 2500 S/R (13 bit)
Max. current	31.8 A	Cooling	Natural cooling
Static torque	4.78 Nm	Shaft extension	Feather key
Moment of inertia	2.040 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	Angular connector (rotatable)
Ambient conditions			
Ambient temperature			
Operation	0 ... 30 °C		
Relative humidity			
Max. operation	90 % RH maximum (no condensation at 30 °C)		
Standards			
Compliance with standards	CE, EAC		