

Data sheet for SIMOTICS S-1FL6



Figure similar

Article No. : 1FL6042-1AF61-2AG1

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

Item no. :
Consignment no. :
Project :

Engineering data

Rated speed	3,000 rpm
Rated torque (100 K)	1.27 Nm
Rated current	1.2 A
Rated power	0.40 kW / 0.54 hp
Max. speed	4,000 rpm
Maximum torque	3.80 Nm
Max. current	3.6 A
Static torque	1.90 Nm
Moment of inertia	2.700 kgcm ²

Physical constants

Torque constant	1.10 Nm/A
Thermal class	B (130 °C)
Net weight	3.40 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
---------------------------	---------

Mechanical data

Motor type	High Inertia
Motor type	Permanent-magnet synchronous motor
Shaft height	45
Encoder system	Incremental encoder TTL, 2500 S/R (13 bit)
Cooling	Natural cooling
Shaft end	Plain shaft
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)
Connection type	Angular connector (rotatable)

TURLL

YOUR GLOBAL AUTOMATION PARTNER

1FL6042-1AF61-2AG1

OFFICIAL DATASHEET & QUOTATION

- 100% New & Original Factory Sealed
- Global Express Shipping (DHL/FedEx/UPS)
- 12-Month Warranty Protection
- Professional Technical Support

[CHECK STOCK & PRICE](#)



Need Assistance? Scan to Chat on WhatsApp

sales@turll.com | +852 6339 7344