



Figure similar

**Article No. :** 1FL6032-2AF21-1MA1

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

Item no. :  
Consignment no. :  
Project :

### Engineering data

Rated speed	3,000 rpm
Rated torque (100 K)	0.64 Nm
Rated current	1.4 A
Rated power	0.20 kW / 0.27 hp
Max. speed	5,000 rpm
Maximum torque	1.91 Nm
Max. current	4.2 A
Static torque	0.64 Nm
Moment of inertia	0.214 kgcm <sup>2</sup>

### Physical constants

Torque constant	0.48 Nm/A
Thermal class	B (130 °C)
Net weight	1.00 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	Low Inertia
Motor type	Permanent-magnet synchronous motor
Shaft height	30
Encoder system	Absolute encoder single-turn 21 bit
Cooling	Natural cooling
Shaft end	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)
Connection type	Cable outlet