

MLFB-Ordering data

1FE1052-4WN11-1BA2



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data		Mechanical data	
Rated power	11.0 kW	Motor length	180 mm
Rated speed	8000 rpm	Outer diameter stator	120.0 mm
Rated torque	13.0 Nm	Inner diameter rotor	46.0 mm
Rated current	20 A	Stator design	with cooling jacket
Static torque	13.00 Nm	Rotor design	without rotor sleeve
Static current	20.00 A		
Maximum speed	30000 rpm	Motor protection	Cast winding with standard protection (2 temperature sensors)
Maximum torque	26.0 Nm		
Maximum current	40 A	Temperature monitoring	KTY84 temperature sensor in the stator winding
Rotor moment of inertia	11.0 kgcm ²		
VPM module *	Voltage limitation required (VPM or IVP)	Cable outlet	Free cable ends 500 mm (cable outlet at the larger outside housing diameter)
Physical constants		Scope of delivery	Stator + Rotor
Voltage constant at 20° C	44.0 V/1000*min ⁻¹		
Winding resistance at 20° C	0.6800 Ω		
Rotary field inductance	5.60 mH		
Thermal time constant	1 min		
Net weight of rotor	1.4 kg		
Net weight of stator	7.0 kg		
Total net weight	8.3 kg		

* VPM: Voltage Protection Module