

MLFB-Ordering data

1FE1113-6WU11-1BD0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data		Mechanical data	
Rated power	33.0 kW	Motor length	260 mm
Rated speed	2100 rpm	Outer diameter stator	250.0 mm
Rated torque	150.0 Nm	Inner diameter rotor	80.0 mm
Rated current	60 A	Stator design	with cooling jacket
Static torque	150.00 Nm	Rotor design	with rotor sleeve (large bore diameter)
Static current	60.00 A	Motor protection	Cast winding with standard protection (2 temperature sensors)
Maximum speed	6500 rpm	Temperature monitoring	KTY84 temperature sensor in the stator winding
Maximum torque	248.0 Nm	Cable outlet	free cable ends 1500 mm (cable outlet at the larger outside housing diameter)
Maximum current	124 A	Scope of delivery	Stator + Rotor
Rotor moment of inertia	774.7 kgcm ²		
VPM module *	Voltage limitation required (VPM or IVP)		
Physical constants			
Voltage constant at 20° C	175.0 V/1000*min ⁻¹		
Winding resistance at 20° C	0.1550 Ω		
Rotary field inductance	5.64 mH		
Thermal time constant	4 min		
Net weight of rotor	19.8 kg		
Net weight of stator	43.0 kg		
Total net weight	62.8 kg		

* VPM: Voltage Protection Module