

MLFB-Ordering data

1FE1084-6WR11-1BA2



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data		Mechanical data	
Rated power	31.0 kW	Motor length	295 mm
Rated speed	2300 rpm	Outer diameter stator	190.0 mm
Rated torque	130.0 Nm	Inner diameter rotor	93.0 mm
Rated current	60 A	Stator design	with cooling jacket
Static torque	130.00 Nm	Rotor design	without rotor sleeve
Static current	60.00 A		
Maximum speed	9000 rpm	Motor protection	Cast winding with standard protection (2 temperature sensors)
Maximum torque	215.0 Nm		
Maximum current	120 A	Temperature monitoring	KTY84 temperature sensor in the stator winding
Rotor moment of inertia	206.7 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	150.0 V/1000*min ⁻¹		
Winding resistance at 20° C	0.1900 Ω		
Rotary field inductance	4.10 mH		
Thermal time constant	2 min		
Net weight of rotor	7.1 kg		
Net weight of stator	22.0 kg		
Total net weight	29.1 kg		

* VPM: Voltage Protection Module