

MLFB-Ordering data

1FE1116-6WR11-1BA2



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Engineering data		Mechanical data	
Rated power	37.7 kW	Motor length	410 mm
Rated speed	1200 rpm	Outer diameter stator	250.0 mm
Rated torque	300.0 Nm	Inner diameter rotor	120.0 mm
Rated current	109 A	Stator design	with cooling jacket
Static torque	300.00 Nm	Rotor design	without rotor sleeve
Static current	109.00 A		
Maximum speed	6500 rpm	Motor protection	Cast winding with standard protection (2 temperature sensors)
Maximum torque	500.0 Nm		
Maximum current	218 A	Temperature monitoring	KTY84 temperature sensor in the stator winding
Rotor moment of inertia	928.5 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	200.0 V/1000*min ⁻¹		
Winding resistance at 20° C	0.0780 Ω		
Rotary field inductance	4.20 mH		
Thermal time constant	4 min		
Net weight of rotor	18.9 kg		
Net weight of stator	73.0 kg		
Total net weight	91.9 kg		

* VPM: Voltage Protection Module