

Article No. : 1FE1093-6WN10-3WB2

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

Item no. :
Consignment no. :
Project :



Figure similar

Engineering data	
Rated power	36.6 kW
Rated speed	3,500 rpm
Rated torque	100.0 Nm
Rated current	83 A
Static torque	100.00 Nm
Static current	83.00 A
Maximum speed	7,000 rpm
Maximum torque	165.0 Nm
Maximum current	166 A
Rotor moment of inertia	334.6 kgcm ²
VPM module *	no voltage limitation required

Physical constants	
Voltage constant at 20° C	84.0 V/1000*min ⁻¹
Winding resistance at 20° C	0.0770 Ω
Rotary field inductance	1.70 mH
Thermal time constant	3 min
Net weight of rotor	12.7 kg
Net weight of stator	-/-
Total net weight	12.7 kg

Mechanical data	
Motor length	250 mm
Outer diameter stator	-/-
Inner diameter rotor	67.0 mm
Stator design	-/-
Rotor design	with standard rotor sleeve (compatible with 1PH2)
Motor protection	Cast winding with standard protection (2 temperature sensors)
Temperature monitoring	-/-
Cable outlet	Free cable ends 500 mm (cable outlet at the larger outside housing diameter)
Scope of delivery	Single part (rotor only)

* VPM: Voltage Protection Module