

Article No. : 1FE1082-6WS11-6BA0

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

Item no. :
Consignment no. :
Project :



Figure similar

Engineering data	
Rated power	24.5 kW
Rated speed	3,600 rpm
Rated torque	65.0 Nm
Rated current	45 A
Static torque	65.00 Nm
Static current	45.00 A
Maximum speed	9,000 rpm
Maximum torque	107.0 Nm
Maximum current	90 A
Rotor moment of inertia	104.8 kgcm ²
VPM module *	Voltage limitation required (VPM or IVP), if the motor is used above n_max_inv (maximum permissible speed without VPM)

Physical constants	
Voltage constant at 20° C	98.0 V/1000*min ⁻¹
Winding resistance at 20° C	0.2200 Ω
Rotary field inductance	3.45 mH
Thermal time constant	2 min
Net weight of rotor	3.6 kg
Net weight of stator	12.0 kg
Total net weight	15.6 kg

Mechanical data	
Motor length	195 mm
Outer diameter stator	190.0 mm
Inner diameter rotor	93.0 mm
Stator design	with cooling jacket
Rotor design	without rotor sleeve
Motor protection	Cast winding with standard protection (2 temperature sensors)
Temperature monitoring	Pt1000 temperature sensor in the stator winding
Cable outlet	free cable ends 1500 mm (cable outlet at the larger outside housing diameter)
Scope of delivery	Stator + Rotor

* VPM: Voltage Protection Module