



Figure similar

Article No. : 1FE1082-6WE31-3WD3

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

Item no. :
Consignment no. :
Project :

Engineering data	
Rated power	11.6 kW
Rated speed	1,700 rpm
Rated torque	65.0 Nm
Rated current	24 A
Static torque	65.00 Nm
Static current	24.00 A
Maximum speed	8,000 rpm
Maximum torque	107.0 Nm
Maximum current	48 A
Rotor moment of inertia	160.4 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	182.0 V/1000*min ⁻¹
Winding resistance at 20° C	0.7500 Ω
Rotary field inductance	11.80 mH
Thermal time constant	2 min
Net weight of rotor	6.1 kg
Net weight of stator	-/-
Total net weight	6.1 kg

Mechanical data	
Motor length	195 mm
Outer diameter stator	-/-
Inner diameter rotor	80.0 mm
Stator design	-/-
Rotor design	with rotor sleeve (large bore diameter)
Motor protection	Cast winding with full protection (2 temperature sensors + 3 PTCs)
Temperature monitoring	-/-
Cable outlet	free cable ends 500 mm (cable outlet at the smaller outside housing diameter)
Scope of delivery	Single part (rotor only)

* VPM: Voltage Protection Module