



MLFB-Ordering data 1FK7103-2AC71-1UA0

Remarks :

Project :

Torque constant	2.45 Nm/A
Voltage constant at 20° C	162.0 V/1000*min ⁻¹
Winding resistance at 20° C	0.29 Ω
Rotating field inductance	7.9 mH
Electrical time constant	27.50 ms
Mechanical time constant	1.43 ms
Thermal time constant	65 min
Shaft torsional stiffness	148000 Nm/rad
Net weight of the motor	28.5 kg



Figure similar

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Optimum operating point		Recommended Motor Module	
Optimum speed	2000 rpm	Rated inverter current	18 A
Optimum power	5.2 kW	Maximum inverter current	54 A
Limiting data		Maximum torque	108.00 Nm
Max. permissible speed (mech.)	5000 rpm		
Max. permissible speed (inverter)	3550 rpm		
Maximum torque	108.0 Nm		
Maximum current	46.5 A		