RATED DATA		ADRIVE ADT4-0950-L-70-1-560
Rated Speed	n_n	7000 min^{-1}
DC Bus Voltage	U_{dc}	330 V
Nominal AC Voltage	U_n	288 V
Rated Motor Voltage	U_m	5.0 V
Rated Torque	M_n	8.5 Nm
Rated AC Current	I_n	9.5 A
Stall Torque	M_o	14.4 Nm
Stall AC Current	I_o	38.0 A
Peak Torque	M_{max}	86 Nm
Peak Current	I_{max}	560 A
Max. Speed	n_{max}	12000 min^{-1}
EMF Constant	K_E	0.7 V/1000
Torque Constant	K_T	40.0 Nm/A
Terminal Resistance	R_{2ph}	0.38 Ω
Terminal Inductance	L_{2ph}	2.6 mH
Number of poles	2p	6

No Load Speed	n_o	8250 min^{-1}
Torque at I_{max}/U_n	M_z	38 Nm
Speed at I_{max}/U_n	n_z	3830 min^{-1}
Max. Torque at n_n	M_x	16.3 Nm

El. Time Constant	T_{el}	6.8 ms
Mech. Time Constant	T_{mech}	1.0 ms
Thermal Time Constant	T_{th}	68 min
Rotor Inertia	J	6.7 $kgcm^2$
Weight	m	8.7 kg