RATED DATA

Motor type	**ADRIVE ADT3-0250-30-560**
Winding number	**01-00120 adrive servomotor**

Rated Speed	n_n	3000	min^{-1}
DC Bus Voltage	U_{dc}	560	V
Nominal AC Voltage	U_n	330	V
Rated Motor Voltage	U_m	286	V
Rated Torque	M_n	2,2	Nm
Rated AC Current	I_n	1,62	A
Stall Torque	M_o	2,5	Nm
Stall AC Current	I_o	1,80	A
Peak Torque	M_{max}	10,0	Nm
Peak Current	I_{max}	7,7	A
Max. Speed	n_{max}	12000	min^{-1}
EMF Constant	K_E	84,0	V/1000
Torque Constant	K_T	1,39	Nm/A
Terminal Resistance	R_{2ph}	15,0	Ω
Terminal Inductance	L_{2ph}	33,2	mH

No Load Speed	n_o	3930	min^{-1}
Torque at Imax/Un	M_z	9,9	Nm
Speed at Imax/Un	n_z	1840	min^{-1}
Max. Torque at nn	M_x	4,6	Nm

El. Time Constant	T_{el}	2,2	ms
Mech. Time Constant	T_{mech}	1,9	ms
Thermal Time Constant	T_{th}	32	min
Rotor Inertia	J	1,4	$kgcm^2$
Weight	m	3,20	kg

Torque/speed curves

