RATED DATA

Motor type	**ADRIVE ADT3-0130-30-560**
Winding number	**01-00106 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	279	V
Rated Torque	M_n	1,15	Nm
Rated AC Current	I_n	0,95	A
Stall Torque	M_o	1,30	Nm
Stall AC Current	I_o	1,01	A
Peak Torque	M_{max}	5,2	Nm
Peak Current	I_{max}	4,3	A
Max. Speed	n_{max}	12000	min^{-1}
EMF Constant	K_E	78,0	V/1000
Torque Constant	K_T	1,29	Nm/A
Terminal Resistance	R_{2ph}	34,5	Ω
Terminal Inductance	L_{2ph}	62	mH

No Load Speed	n_o	4230	min^{-1}
Torque at Imax/Un	M_z	5,1	Nm
Speed at Imax/Un	n_z	1570	min^{-1}
Max. Torque at nn	M_x	2,4	Nm

El. Time Constant	T_{el}	1,8	ms
Mech. Time Constant	T_{mech}	2,3	ms
Thermal Time Constant	T_{th}	30	min
Rotor Inertia	J	0,65	$kgcm^2$
Weight	m	2,25	kg

Torque/speed curves

