RATED DATA

Motor type	**ADRIVE ADT2-0060-45-4-320**
Winding number	**01-00070 adrive servomotor**

Rated Speed	n_n	4500	min^{-1}
DC Bus Voltage	U_{dc}	320	V
Nominal AC Voltage	U_n	200	V
Rated Motor Voltage	U_m	163	V
Rated Torque	M_n	0,55	Nm
Rated AC Current	I_n	1,18	A
Stall Torque	M_o	0,60	Nm
Stall AC Current	I_o	1,23	A
Peak Torque	M_{max}	2,4	Nm
Peak Current	I_{max}	5,3	A
Max. Speed	n_{max}	12000	min^{-1}
EMF Constant	K_E	30,0	V/1000
Torque Constant	K_T	0,49	Nm/A
Terminal Resistance	R_{2ph}	19,9	Ω
Terminal Inductance	L_{2ph}	17,2	mH

No Load Speed	n_o	6780	min^{-1}
Torque at Imax/Un	M_z	2,4	Nm
Speed at Imax/Un	n_z	2170	min^{-1}
Max. Torque at nn	M_x	1,2	Nm

El. Time Constant	T_{el}	0,87	ms
Mech. Time Constant	T_{mech}	1,5	ms
Thermal Time Constant	T_{th}	20	min
Rotor Inertia	J	0,11	$kgcm^2$
Weight	m	1,21	kg

Torque/speed curves

