

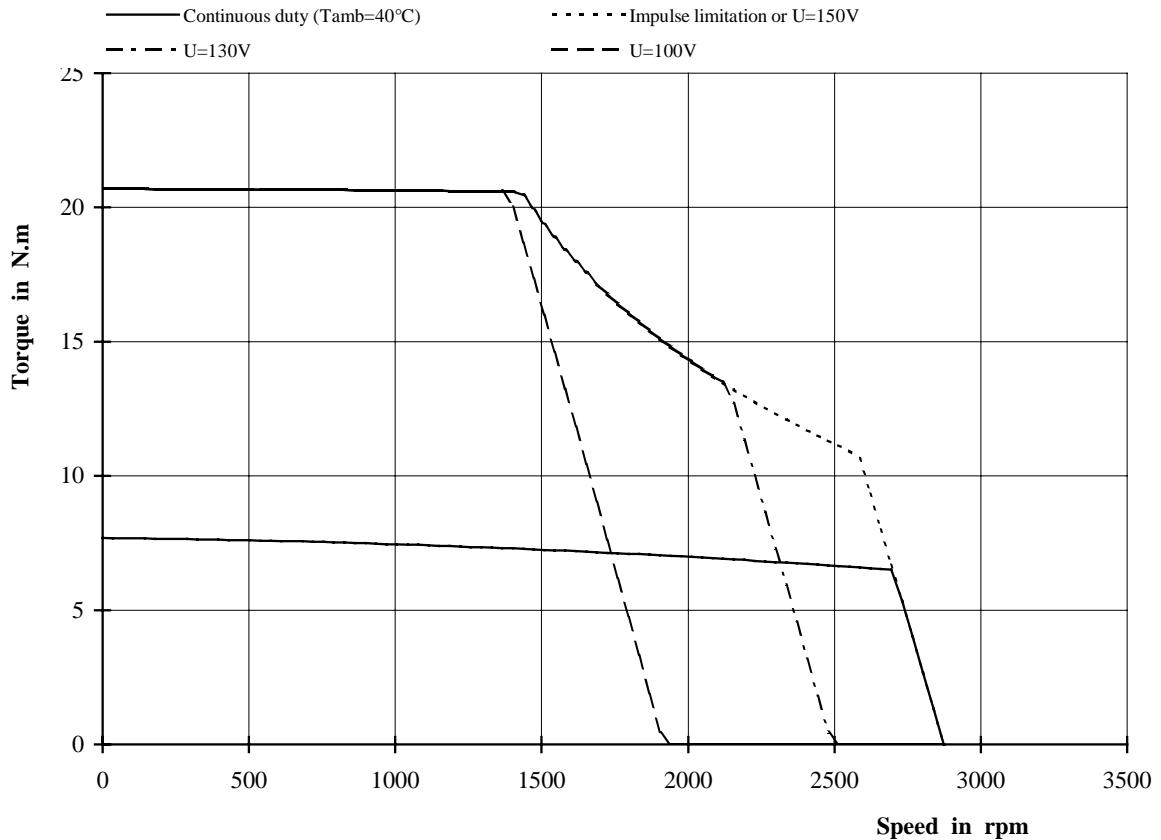
DC-SERVOMOTOR
RX630E

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	7.8	N.m	M_o
Permanent current at low speed	16	A	I_o
Supply voltage with loaded motor	134	V	U
Definition speed	2400	rpm	N
Maximum supply voltage	150	V	U_{max}
Maximum speed	2900	rpm	N_{max}
Peak current	45	A	I_{max}
Back emf constant at 1000 rpm (25°C)*	52	V	K_e
Torque constant	0.5	N.m/A	K_t
Static friction torque	18	N.cm	T_f
Viscous damping for 1000 rpm	6.5	N.cm	K_d
Winding resistance(25°C)	0.246	Ω	R_b
Winding inductance	2.6	mH	L
Rotor inertia	0.005	kg.m ²	J
Thermal time constant	26	min	T_{th}
Motor mass	18.5	kg	M

All data are given in typical values under standard conditions



FICHER-001