

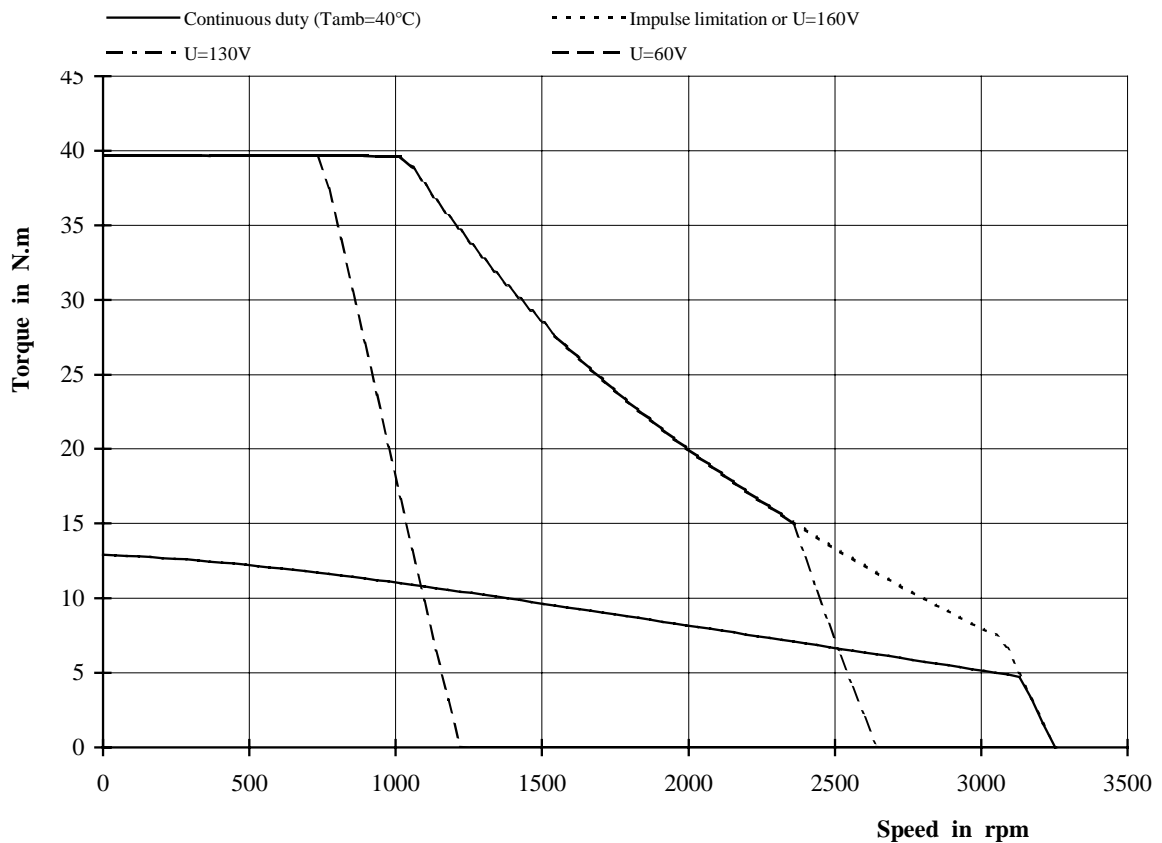
DC-SERVOMOTOR
RS640E

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	13	N.m	M_o
Permanent current at low speed	28	A	I_o
Supply voltage with loaded motor	105	V	U
Definition speed	2000	rpm	N
Maximum supply voltage	160	V	U_{max}
Maximum speed	3250	rpm	N_{max}
Peak current	90	A	I_{max}
Back emf constant at 1000 rpm (25°C)*	49	V	K_e
Torque constant	0.47	N.m/A	K_t
Static friction torque	24	N.cm	T_f
Viscous damping for 1000 rpm	7	N.cm	K_d
Winding resistance(25°C)	0.12	Ω	R_b
Winding inductance	1.38	mH	L
Rotor inertia	0.0083	kg.m ²	J
Thermal time constant	32.7	min	T_{th}
Motor mass	16.3	kg	M

All data are given in typical values under standard conditions



FICHER-001