

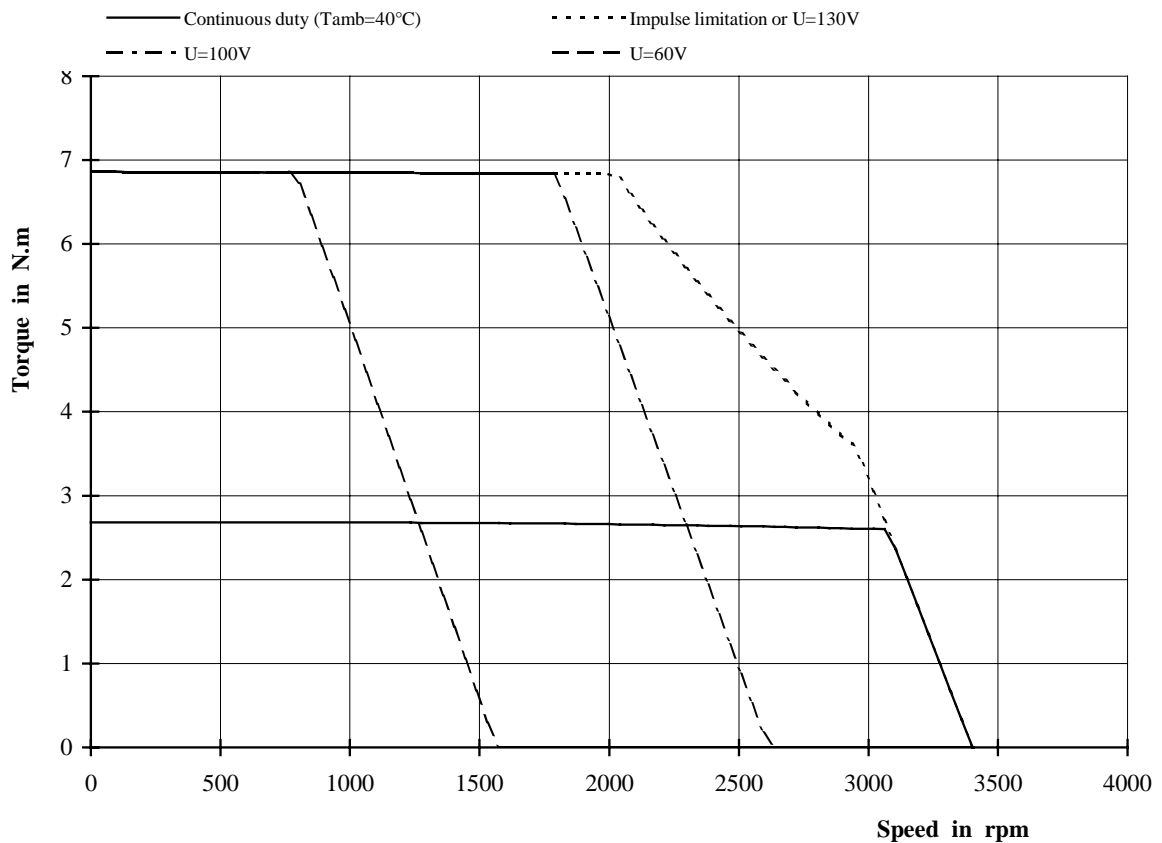
DC-SERVOMOTOR
RX520K

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	2.7	N.m	M_o
Permanent current at low speed	7.7	A	I_o
Supply voltage with loaded motor	120	V	U
Definition speed	2800	rpm	N
Maximum supply voltage	130	V	U_{max}
Maximum speed	3400	rpm	N_{max}
Peak current	20	A	I_{max}
Back emf constant at 1000 rpm (25°C)*	38	V	K_e
Torque constant	0.36	N.m/A	K_t
Static friction torque	10	N.cm	T_f
Viscous damping for 1000 rpm	1.2	N.cm	K_d
Winding resistance(25°C)	0.76	Ω	R_b
Winding inductance	5.4	mH	L
Rotor inertia	0.00128	kg.m ²	J
Thermal time constant	18.2	min	T_{th}
Motor mass	6.6	kg	M

All data are given in typical values under standard conditions



FICHER-001