

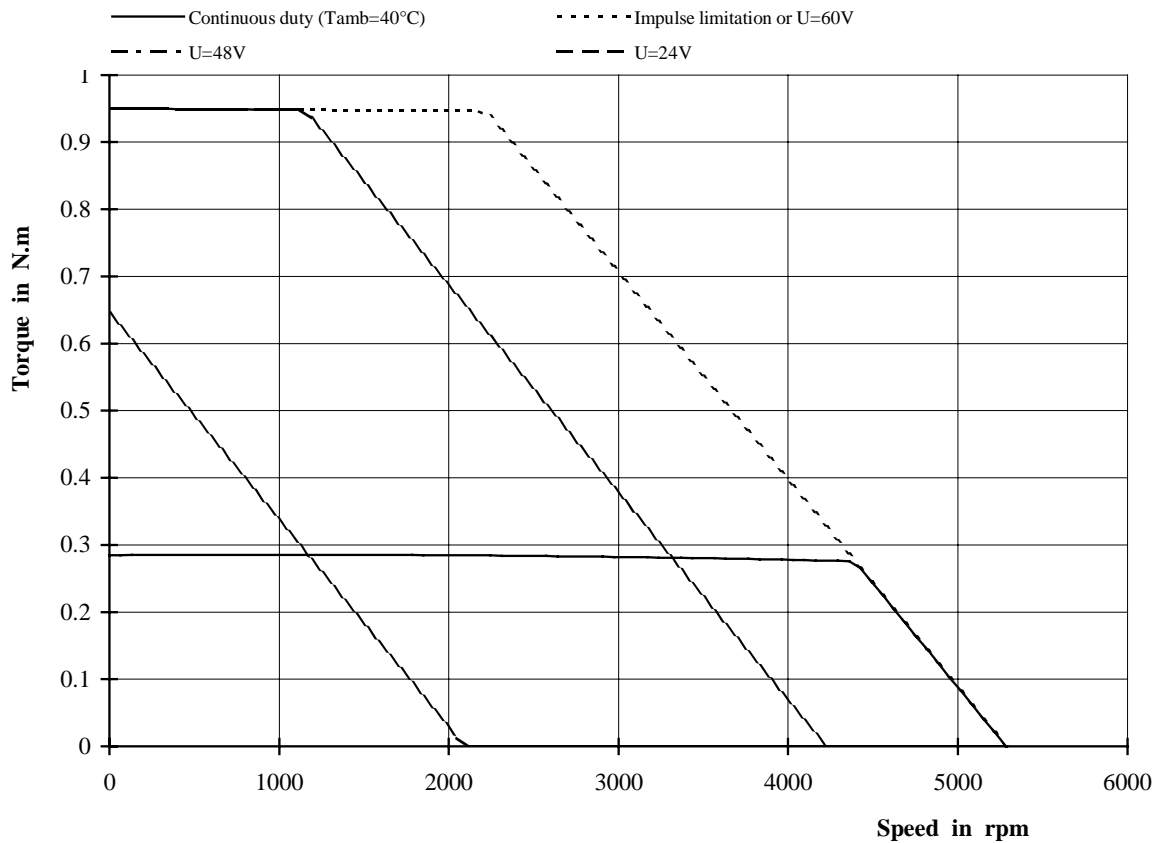
DC-SERVOMOTOR
RX120L

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	0.285	N.m	<i>M₀</i>
Permanent current at low speed	2.8	A	<i>I₀</i>
Supply voltage with loaded motor	45	V	<i>U</i>
Definition speed	3000	rpm	<i>N</i>
Maximum supply voltage	60	V	<i>U_{max}</i>
Maximum speed	5300	rpm	<i>N_{max}</i>
Peak current	9	A	<i>I_{max}</i>
Back emf constant at 1000 rpm (25°C)*	11.2	V	<i>K_e</i>
Torque constant	0.107	N.m/A	<i>K_t</i>
Static friction torque	1.2	N.cm	<i>T_f</i>
Viscous damping for 1000 rpm	0.19	N.cm	<i>K_d</i>
Winding resistance(25°C)	2.7	Ω	<i>R_b</i>
Winding inductance	7.5	mH	<i>L</i>
Rotor inertia	0.00005	kg.m ²	<i>J</i>
Thermal time constant	11	min	<i>T_{th}</i>
Motor mass	1.35	kg	<i>M</i>

All data are given in typical values under standard conditions



FICHER-001