

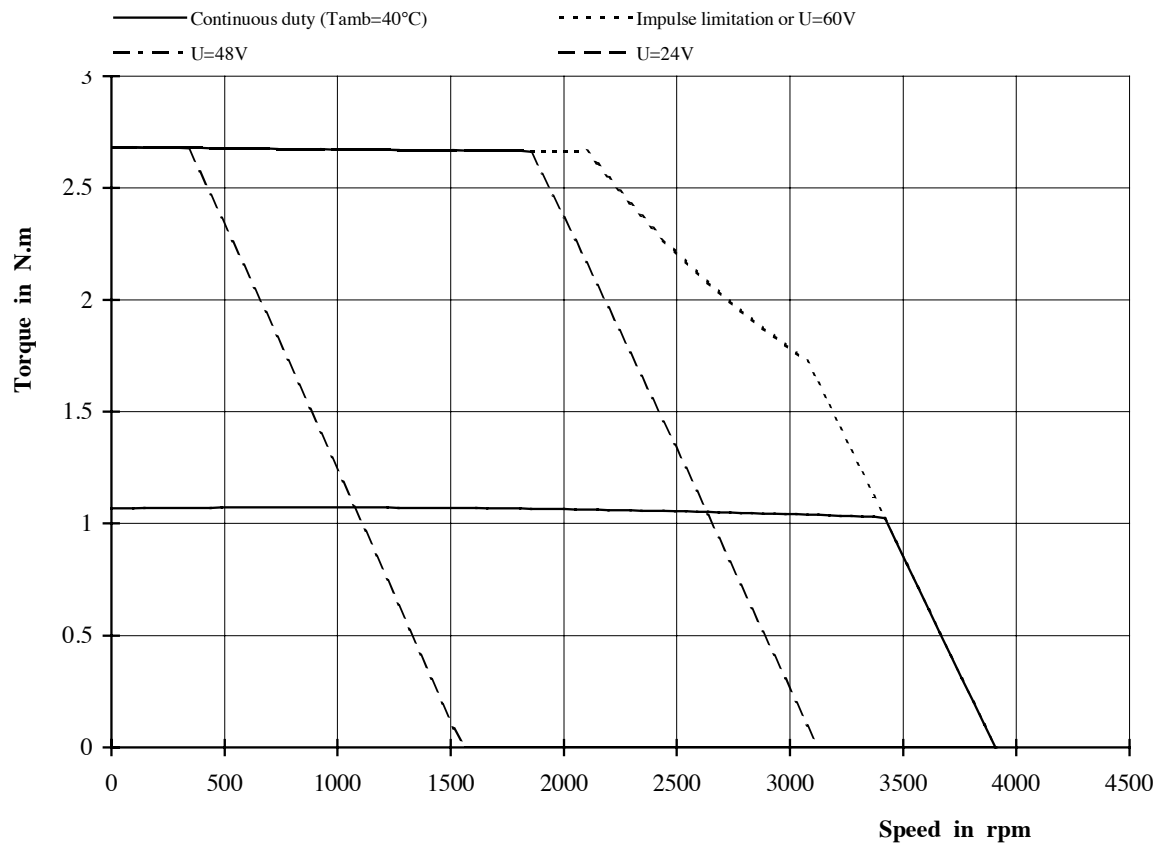
DC-SERVOMOTOR
RX320E

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	1.08	<i>N.m</i>	<i>Mo</i>
Permanent current at low speed	7.8	<i>A</i>	<i>Io</i>
Supply voltage with loaded motor	54	<i>V</i>	<i>U</i>
Definition speed	3000	<i>rpm</i>	<i>N</i>
Maximum supply voltage	60	<i>V</i>	<i>Umax</i>
Maximum speed	3900	<i>rpm</i>	<i>Nmax</i>
Peak current	20	<i>A</i>	<i>Imax</i>
Back emf constant at 1000 rpm (25°C)*	15.2	<i>V</i>	<i>Ke</i>
Torque constant	0.145	<i>N.m/A</i>	<i>Kt</i>
Static friction torque	5	<i>N.cm</i>	<i>Tf</i>
Viscous damping for 1000 rpm	0.9	<i>N.cm</i>	<i>Kd</i>
Winding resistance(25°C)	0.56	Ω	<i>Rb</i>
Winding inductance	5.3	<i>mH</i>	<i>L</i>
Rotor inertia	0.0005	<i>kg.m²</i>	<i>J</i>
Thermal time constant	13.5	<i>min</i>	<i>Tth</i>
Motor mass	4	<i>kg</i>	<i>M</i>

All data are given in typical values under standard conditions



FICHER-001