

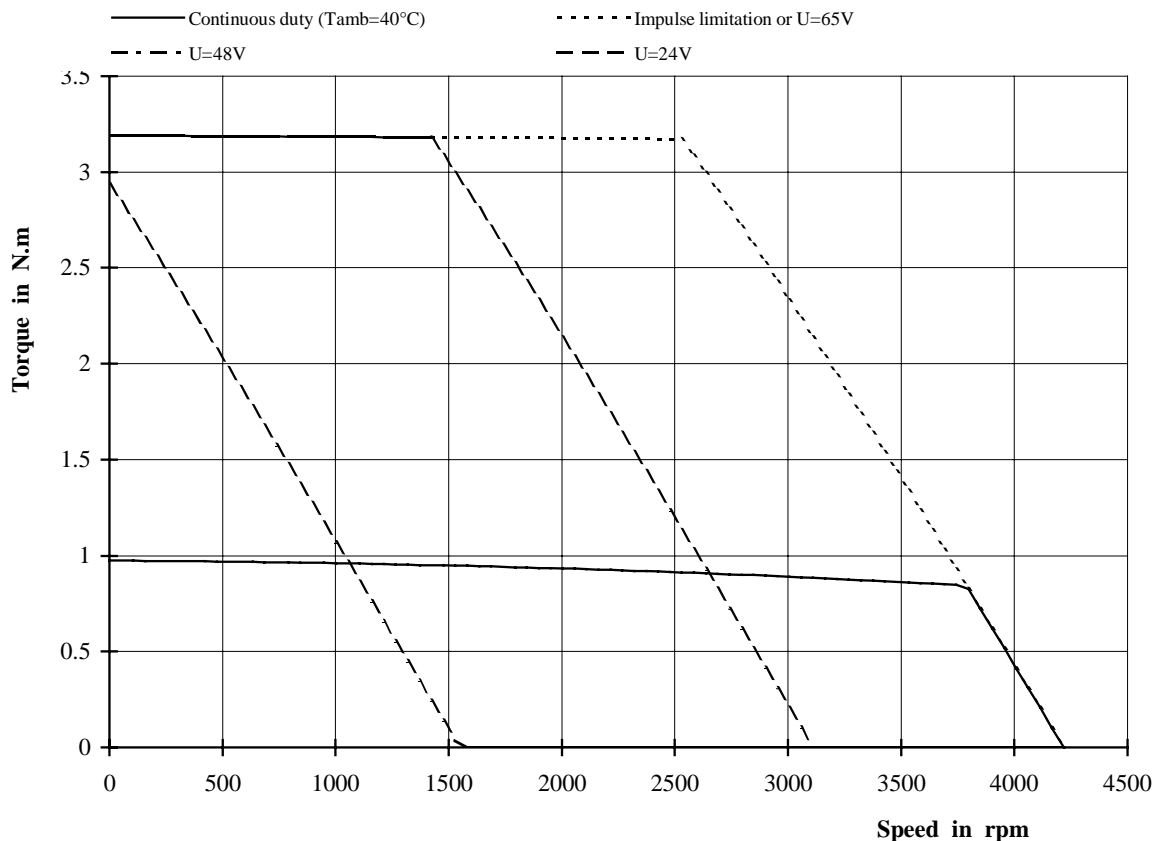
DC-SERVOMOTOR
RS340C

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	0.98	N.m	<i>M₀</i>
Permanent current at low speed	6.9	A	<i>I₀</i>
Supply voltage with loaded motor	53	V	<i>U</i>
Definition speed	3000	rpm	<i>N</i>
Maximum supply voltage	65	V	<i>U_{max}</i>
Maximum speed	4200	rpm	<i>N_{max}</i>
Peak current	23	A	<i>I_{max}</i>
Back emf constant at 1000 rpm (25°C)*	15.3	V	<i>K_e</i>
Torque constant	0.146	N.m/A	<i>K_t</i>
Static friction torque	2.8	N.cm	<i>T_f</i>
Viscous damping for 1000 rpm	0.73	N.cm	<i>K_d</i>
Winding resistance(25°C)	0.8	Ω	<i>R_b</i>
Winding inductance	1.4	mH	<i>L</i>
Rotor inertia	0.00014	kg.m ²	<i>J</i>
Thermal time constant	6	min	<i>T_{th}</i>
Motor mass	2.1	kg	<i>M</i>

All data are given in typical values under standard conditions



FICHER-001