

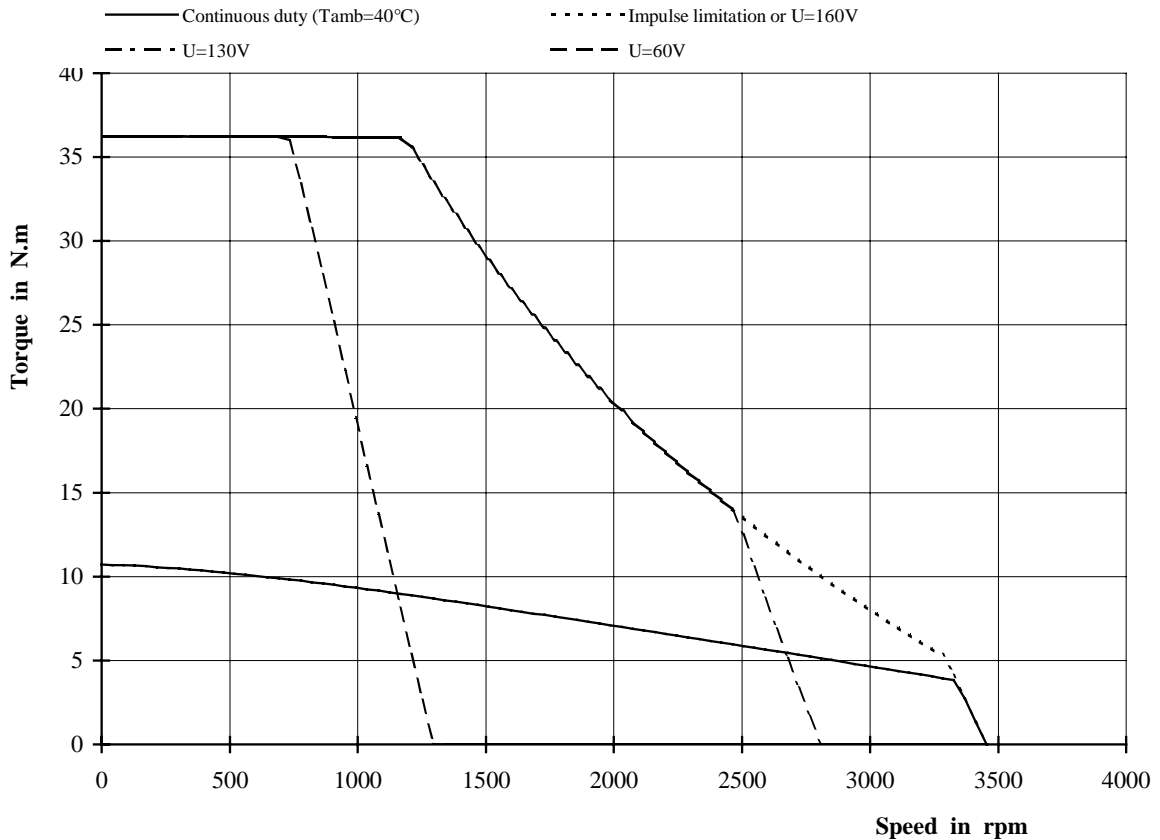
DC-SERVOMOTOR
RS630F

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	10.8	N.m	<i>Mo</i>
Permanent current at low speed	25	A	<i>Io</i>
Supply voltage with loaded motor	100	V	<i>U</i>
Definition speed	2000	rpm	<i>N</i>
Maximum supply voltage	160	V	<i>Umax</i>
Maximum speed	3460	rpm	<i>Nmax</i>
Peak current	90	A	<i>Imax</i>
Back emf constant at 1000 rpm (25°C)*	46	V	<i>Ke</i>
Torque constant	0.44	N.m/A	<i>Kt</i>
Static friction torque	22	N.cm	<i>Tf</i>
Viscous damping for 1000 rpm	6	N.cm	<i>Kd</i>
Winding resistance(25°C)	0.134	Ω	<i>Rb</i>
Winding inductance	1.62	mH	<i>L</i>
Rotor inertia	0.0068	kg.m ²	<i>J</i>
Thermal time constant	31	min	<i>Tth</i>
Motor mass	14	kg	<i>M</i>

All data are given in typical values under standard conditions



FICHER-001