

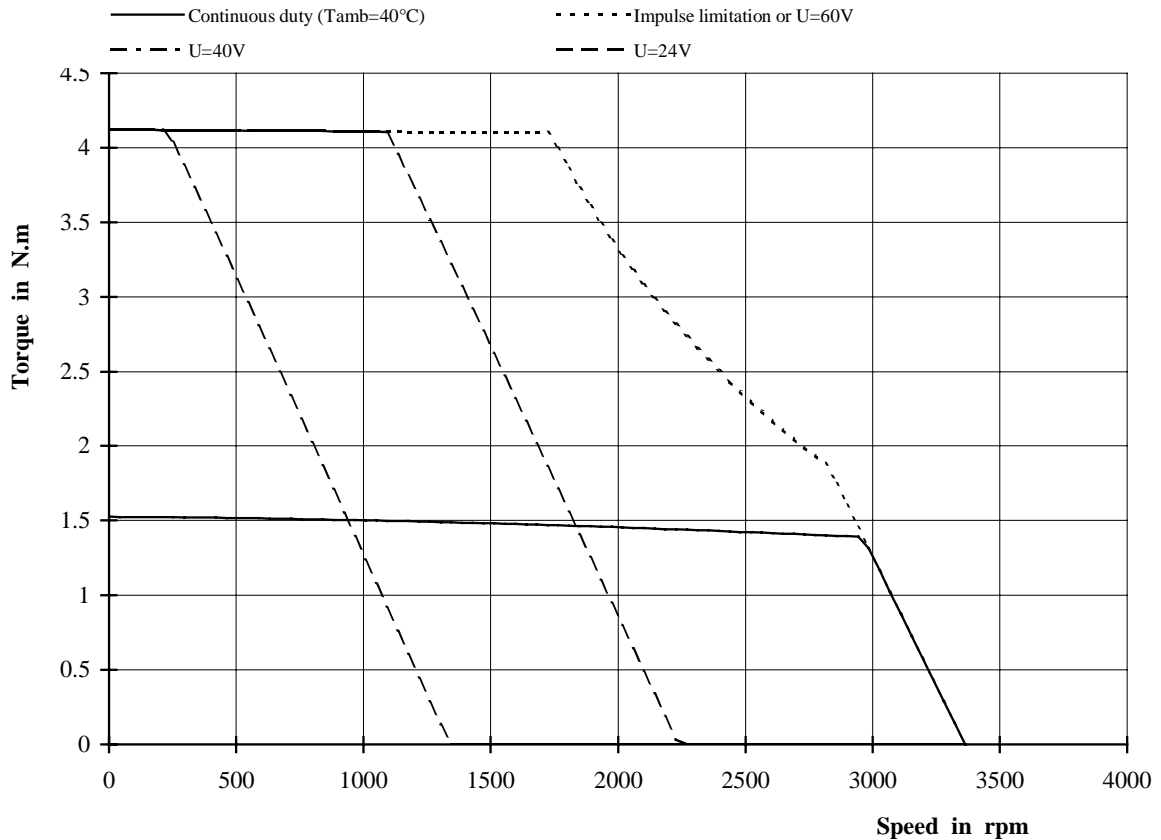
DC-SERVOMOTOR  
RX330C

# PARVEX

8 avenue du Lac  
BP249  
F-21007 DIJON Cedex

Low speed torque	1.54	N.m	$M_0$
Permanent current at low speed	9.4	A	$I_0$
Supply voltage with loaded motor	59	V	$U$
Definition speed	2900	rpm	$N$
Maximum supply voltage	60	V	$U_{max}$
Maximum speed	3360	rpm	$N_{max}$
Peak current	26	A	$I_{max}$
Back emf constant at 1000 rpm (25°C)*	17.7	V	$K_e$
Torque constant	0.17	N.m/A	$K_t$
Static friction torque	5	N.cm	$T_f$
Viscous damping for 1000 rpm	1.2	N.cm	$K_d$
Winding resistance(25°C)	0.45	$\Omega$	$R_b$
Winding inductance	4.6	mH	$L$
Rotor inertia	0.00072	kg.m <sup>2</sup>	$J$
Thermal time constant	13.5	min	$T_{th}$
Motor mass	5.2	kg	$M$

All data are given in typical values under standard conditions



FICHER-001