

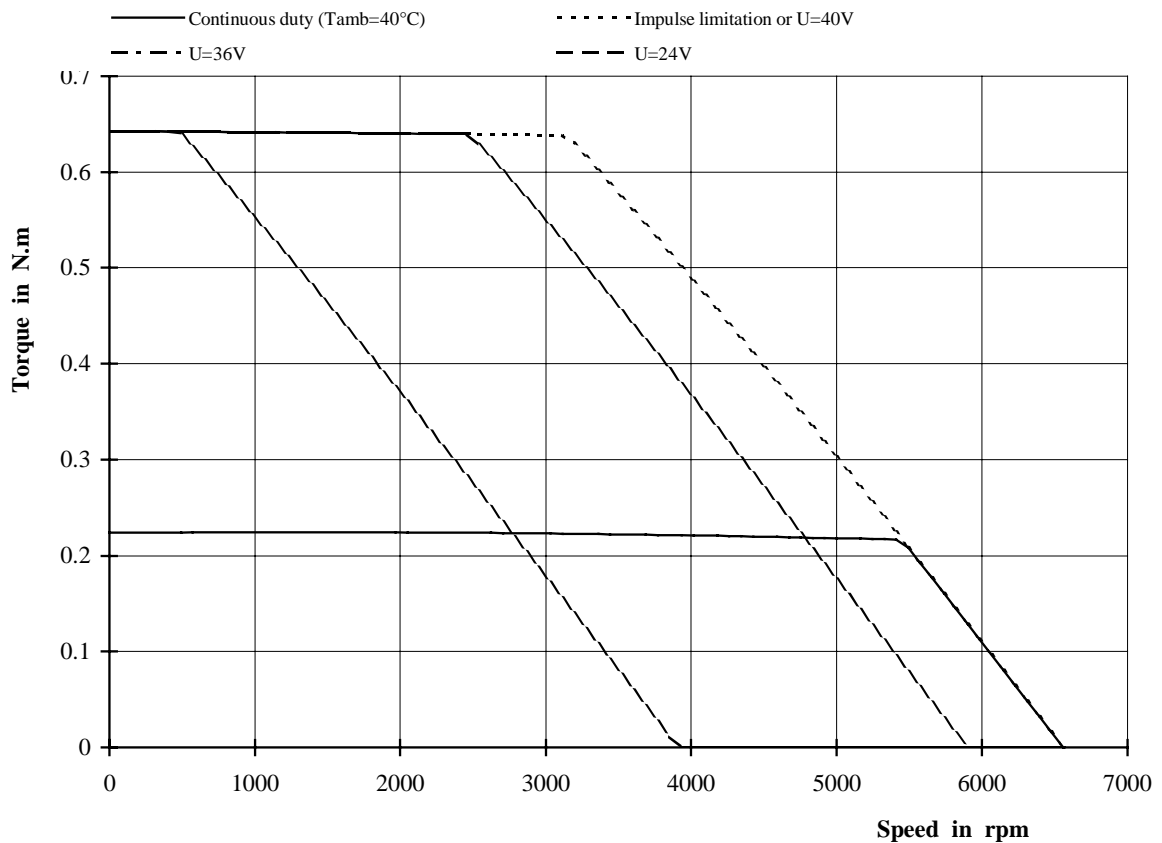
DC-SERVOMOTOR  
RS220F

# PARVEX

8 avenue du Lac  
BP249  
F-21007 DIJON Cedex

Low speed torque	0.225	N.m	Mo
Permanent current at low speed	4.1	A	Io
Supply voltage with loaded motor	25.4	V	U
Definition speed	3000	rpm	N
Maximum supply voltage	40	V	Umax
Maximum speed	6600	rpm	Nmax
Peak current	12	A	Imax
Back emf constant at 1000 rpm (25°C)*	6	V	Ke
Torque constant	0.057	N.m/A	Kt
Static friction torque	1.2	N.cm	Tf
Viscous damping for 1000 rpm	0.14	N.cm	Kd
Winding resistance(25°C)	1.12	$\Omega$	Rb
Winding inductance	0.65	mH	L
Rotor inertia	0.0000195	kg.m <sup>2</sup>	J
Thermal time constant	6.9	min	Tth
Motor mass	0.7	kg	M

All data are given in typical values under standard conditions



FICHER-001