

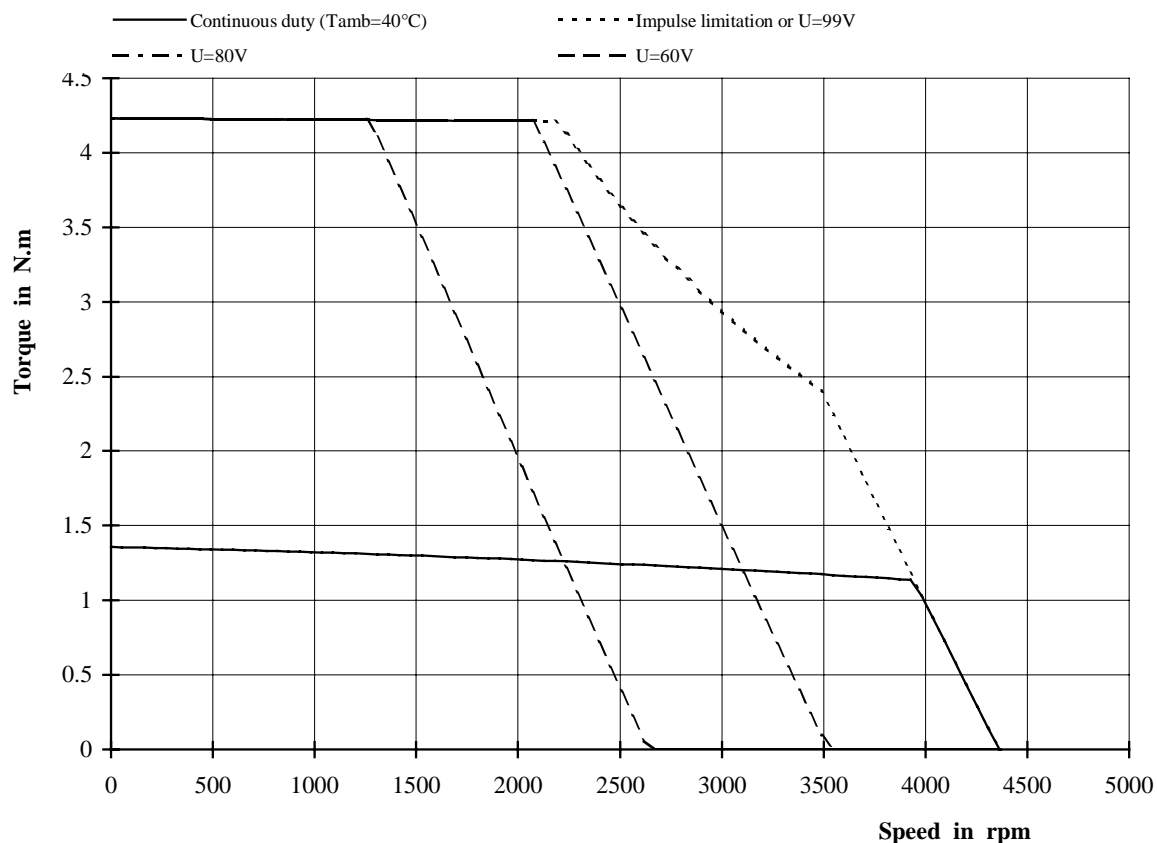
DC-S ERVOMOTOR
RS 430H

PARVEX

8 avenue du Lac
BP249
F-21007 DIJON Cedex

Low speed torque	1.36	N.m	<i>M₀</i>
Permanent current at low speed	6.6	A	<i>I₀</i>
Supply voltage with loaded motor	78	V	<i>U</i>
Definition speed	3000	rpm	<i>N</i>
Maximum supply voltage	99	V	<i>U_{max}</i>
Maximum speed	4400	rpm	<i>N_{max}</i>
Peak current	21	A	<i>I_{max}</i>
Back emf constant at 1000 rpm (25°C)*	22.5	V	<i>K_e</i>
Torque constant	0.215	N.m/A	<i>K_t</i>
Static friction torque	5.7	N.cm	<i>T_f</i>
Viscous damping for 1000 rpm	0.94	N.cm	<i>K_d</i>
Winding resistance(25°C)	0.94	Ω	<i>R_b</i>
Winding inductance	2.2	mH	<i>L</i>
Rotor inertia	0.00031	kg.m ²	<i>J</i>
Thermal time constant	11.5	min	<i>T_{th}</i>
Motor mass	2.8	kg	<i>M</i>

All data are given in typical values under standard conditions



FICHER-001