

DC-BRUSHLESS MOTOR  
**NX840EAK**  
 ELECTRONIC DRIVE  
**DIGIVEX 32/64 - 460**

**PARVEX**

8 avenue du Lac / BP249  
 F-21007 DIJON Cedex

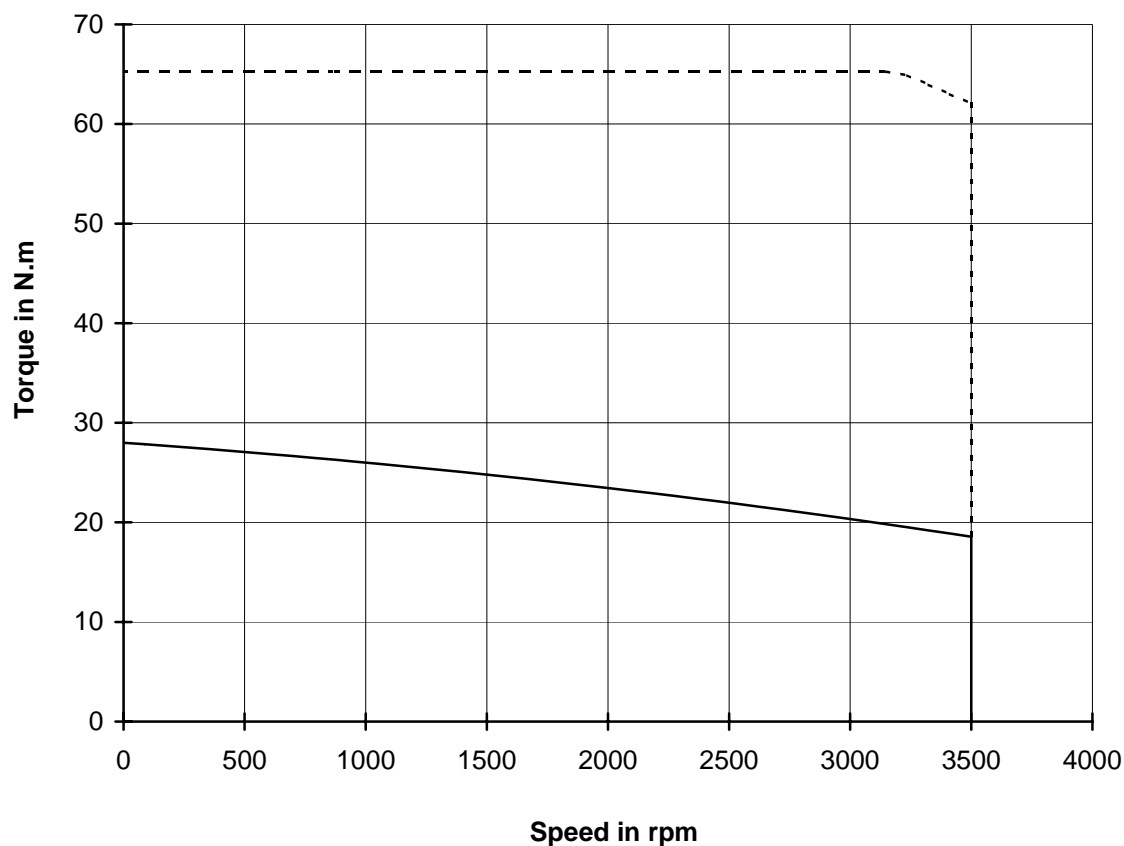
Low speed torque	28	N.m	M <sub>o</sub>
Max speed	3500	rpm	N
DC voltage supply when motor is loaded	620	V	Û
Permanent current at low speed	23.8	Â	Î <sub>o</sub>
Peak current	59.4	Â	Î <sub>maxi</sub>
Back emf constant at 1000 rpm (25°C)*	147	V	K <sub>e</sub>
Torque sensitivity	1.18	N.m/Â	K <sub>t</sub>
Winding resistance(25°C) *	0.493	Ω	R <sub>b</sub>
Winding inductance *	5.42	mH	L
Rotor inertia	620	kg.m <sup>2</sup> .10-5	J
Thermal time constant	52	min	T <sub>th</sub>
Motor mass	20	kg	M

All data are given in typical values under standard conditions

\* Phase to phase

Voltages and currents given in peak values

—— Continuous duty - - - - Intermittent duty



FICHE-008

Création: 24 juil 2003

Edition:

24/juil/2003

NX840EAK