

DC-BRUSHLESS MOTOR
NX840EAQ
 ELECTRONIC DRIVE
DIGIVEX 16/32 - 460

PARVEX

8 avenue du Lac / BP249
 F-21007 DIJON Cedex

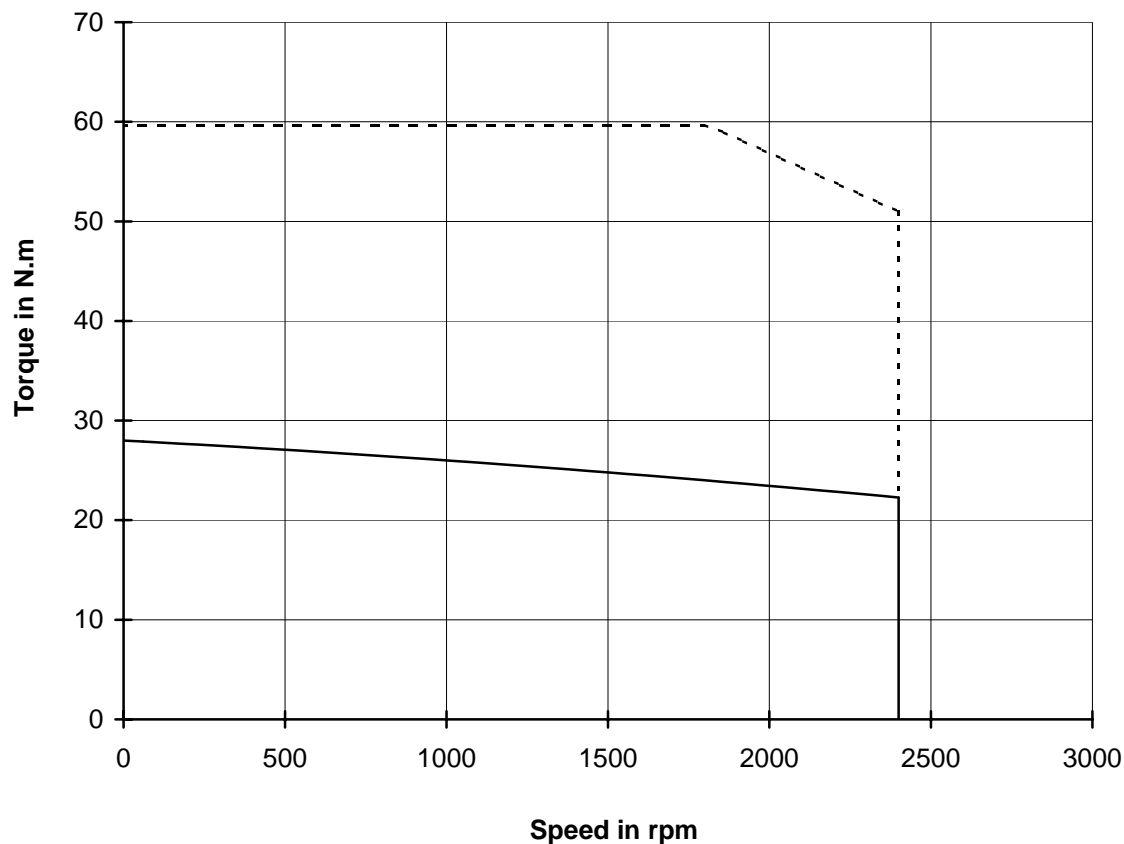
Low speed torque	28	N.m	M _o
Max speed	2400	rpm	N
DC voltage supply when motor is loaded	620	V	Û
Permanent current at low speed	14.3	Â	Î _o
Peak current	32	Â	Î _{maxi}
Back emf constant at 1000 rpm (25°C)*	244	V	Kê
Torque sensitivity	1.96	N.m/Â	Kt
Winding resistance(25°C) *	1.36	Ω	Rb
Winding inductance *	15.1	mH	L
Rotor inertia	620	kg.m ² .10 ⁻⁵	J
Thermal time constant	52	min	Tth
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

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