

DC-BRUSHLESS MOTOR
NX630EAV
 ELECTRONIC DRIVE
DIGIVEX 4/8 - 460

PARVEX

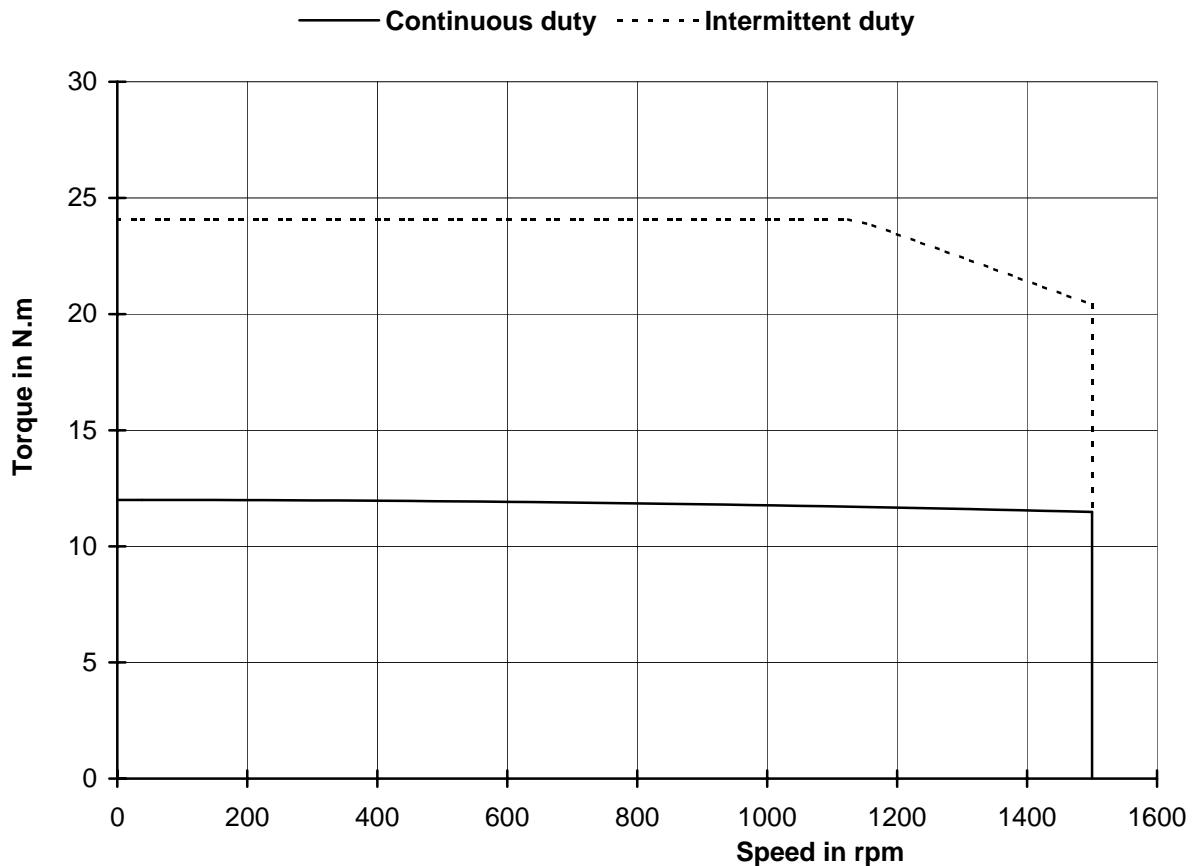
8 avenue du Lac / BP249
 F-21007 DIJON Cedex

Low speed torque	12	N.m	M _o
Max speed	1500	rpm	N
DC voltage supply when motor is loaded	620	V	Û
Permanent current at low speed	4	Â	Î _o
Peak current	8	Â	Î _{maxi}
Back emf constant at 1000 rpm (25°C)*	381	V	K _e
Torque sensitivity	3	N.m/Â	K _t
Winding resistance(25°C) *	9.19	Ω	R _b
Winding inductance *	99.6	mH	L
Rotor inertia	147	kg.m ² x 10 ⁻⁵	J
Thermal time constant	33	min	T _{th}
Motor mass	8.9	kg	M

All data are given in typical values under standard conditions

* Phase to phase

Voltages and currents given in peak values



FICHE-008

Création: 29 janv 2004

Edition: 29/janv/2004

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