

DC-BRUSHLESS MOTOR
NX860VAJ
 ELECTRONIC DRIVE
DIGIVEX 50/80 - 460

PARVEX

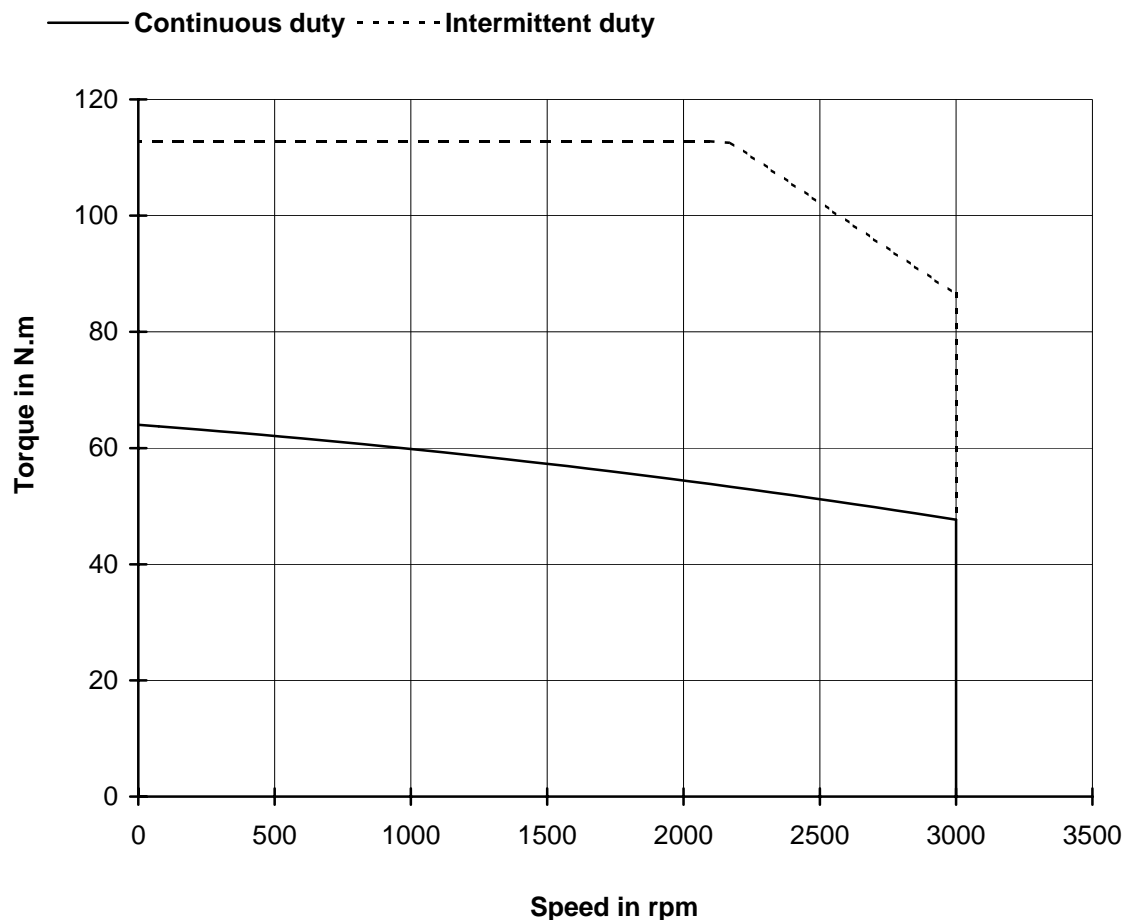
8 avenue du Lac / BP249
 F-21007 DIJON Cedex

Low speed torque	64	N.m	M _o
Max speed	3000	rpm	N
DC voltage supply when motor is loaded	620	V	Û
Permanent current at low speed	41.5	Â	Î _o
Peak current	80	Â	Î _{maxi}
Back emf constant at 1000 rpm (25°C)*	196	V	K _e
Torque sensitivity	1.54	N.m/Â	K _t
Winding resistance(25°C) *	0.499	Ω	R _b
Winding inductance *	6.43	mH	L
Rotor inertia	920	kg.m ² .10 ⁻⁵	J
Thermal time constant	22	min	T _{th}
Motor mass	31	kg	M

All data are given in typical values under standard conditions

* Phase to phase

Voltages and currents given in peak values



FICHE-008

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