

DC-BRUSHLESS MOTOR
NX620EAJ
 ELECTRONIC DRIVE
DIGIVEX 16/32 - 460

PARVEX

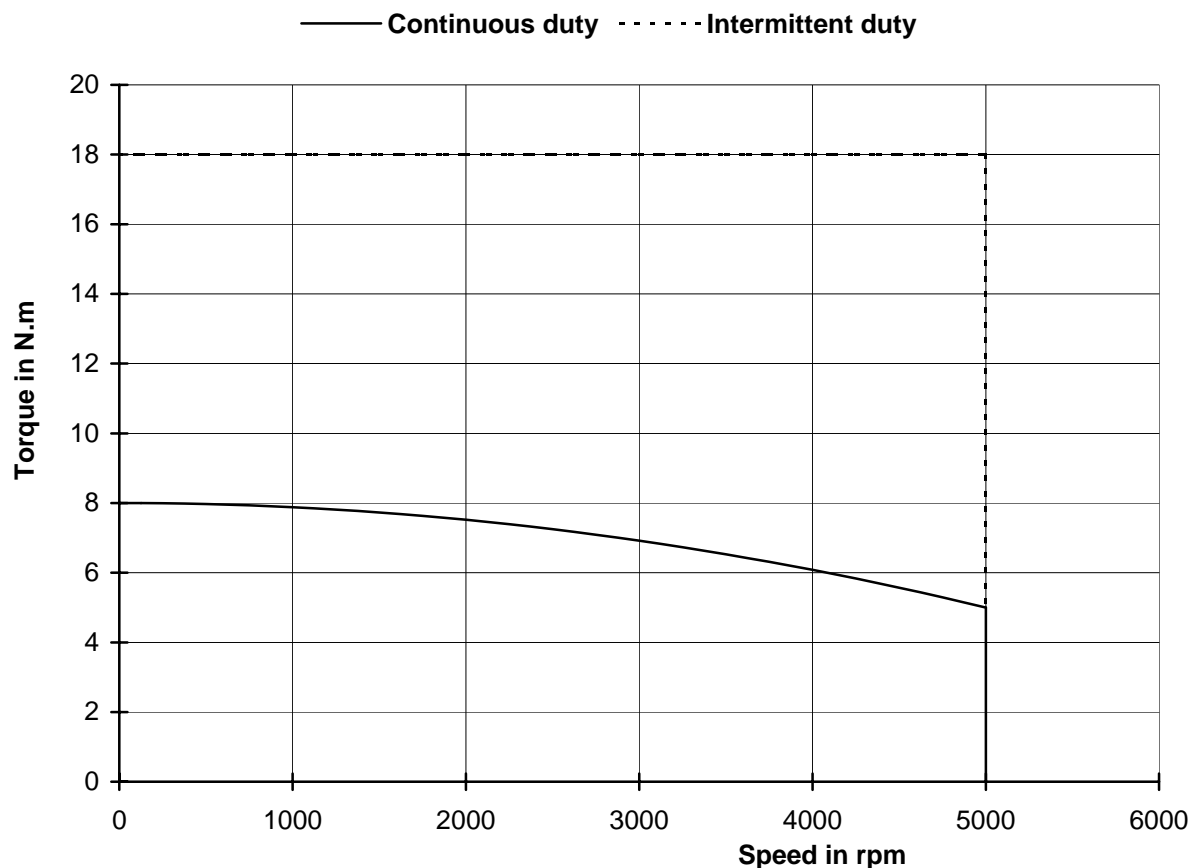
8 avenue du Lac / BP249
 F-21007 DIJON Cedex

Low speed torque	8	N.m	M _o
Max speed	5000	rpm	N
DC voltage supply when motor is loaded	620	V	\hat{U}
Permanent current at low speed	14	Â	\hat{I}_o
Peak current	32	Â	\hat{I}_{maxi}
Back emf constant at 1000 rpm (25°C)*	72.6	V	\hat{K}_e
Torque sensitivity	0.572	N.m/Â	\hat{K}_t
Winding resistance(25°C) *	0.603	Ω	R _b
Winding inductance *	5.52	mH	L
Rotor inertia	98	kg.m ² x 10 ⁻⁵	J
Thermal time constant	27	min	T _{th}
Motor mass	7	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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