

DC-BRUSHLESS MOTOR
LS610EW
 ELECTRONIC DRIVE
DIGIVEX 7.5/15 - 230

PARVEX

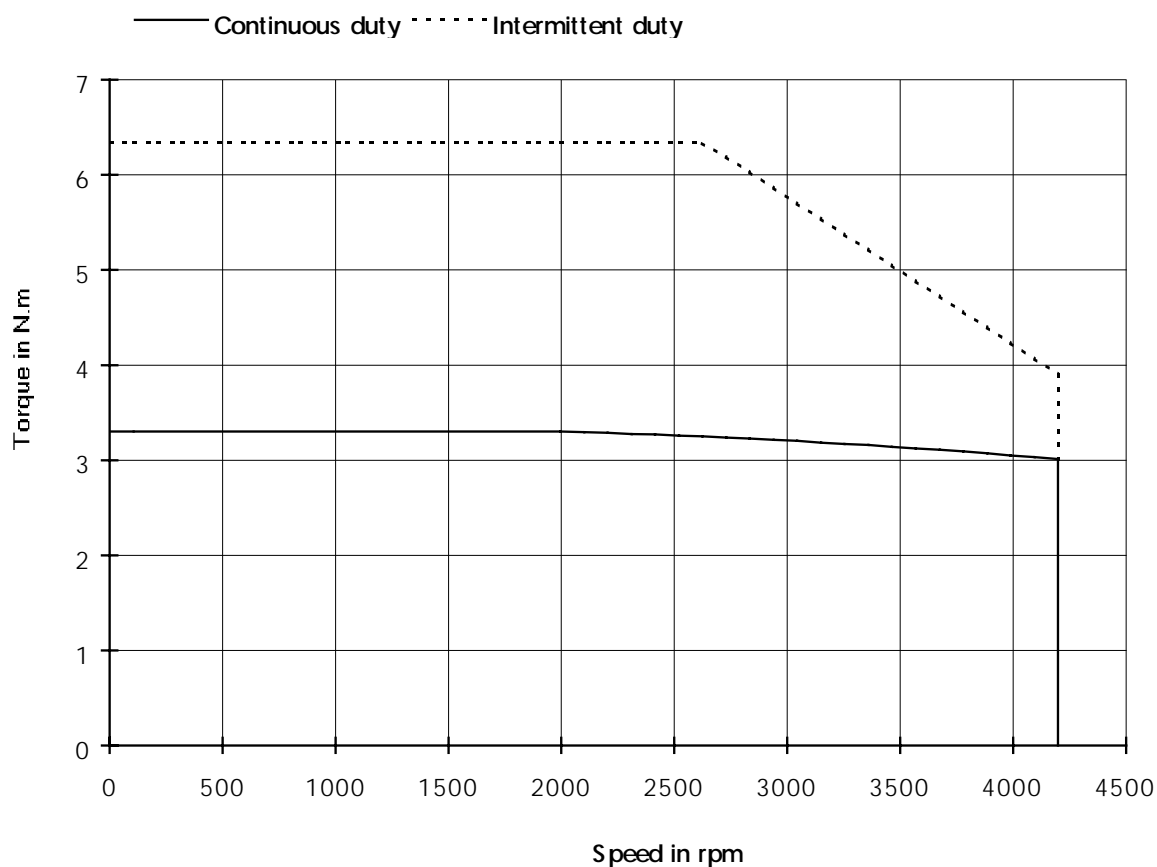
8 avenue du Lac / BP249
 F-21007 DIJON Cedex

Low speed torque	3.3	N.m	M_o
Max speed	4200	rpm	N
DC voltage supply when motor is loaded	280	V	\hat{U}
Permanent current at low speed	7.16	\hat{A}	\hat{I}_o
Peak current	15	\hat{A}	\hat{I}_{maxi}
Back emf constant at 1000 rpm (25°C)*	62.7	V	\hat{K}_e
Torque sensitivity	0.461	N.m/ \hat{A}	\hat{K}_t
Winding resistance(25°C) *	2.83	Ω	R_b
Winding inductance *	13.4	mH	L
Rotor inertia	70	kg.m ² .10 ⁻⁵	J
Thermal time constant	27	min	T_{th}
Motor mass	5.5	kg	M

All data are given in typical values under standard conditions

* Phase to phase

Voltagés and currents given in peak values



FICHE-005

Creation: 18 déc 1997

Edition: 17/nov/1998

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