

DC-BRUSHLESS MOTOR
HS910EX
 ELECTRONIC DRIVE
DIGIVEX 8/16 - 400

PARVEX

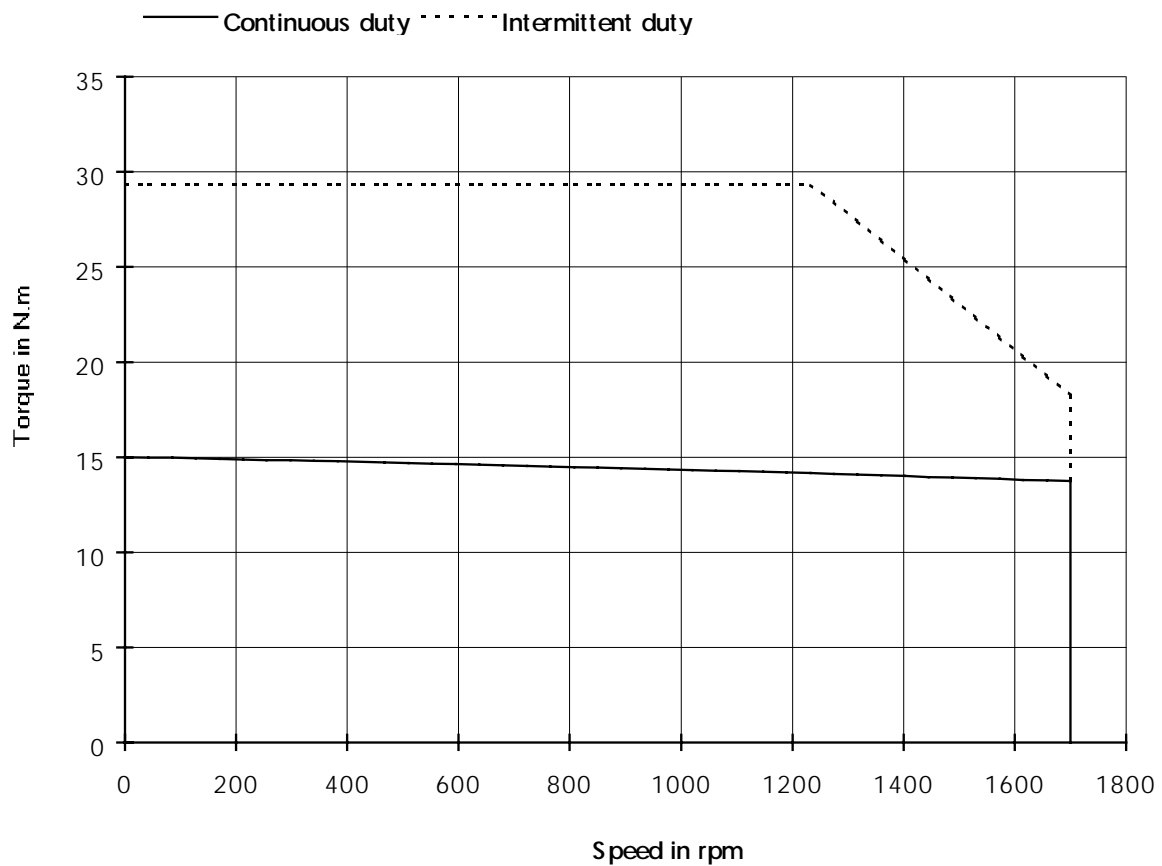
8 avenue du Lac / BP249
 F-21007 DIJON Cedex

Low speed torque	15	N.m	M_o
Max speed	1700	rpm	N
DC voltage supply when motor is loaded	540	V	\hat{U}
Permanent current at low speed	7.05	\hat{A}	\hat{I}_o
Peak current	15.5	\hat{A}	\hat{I}_{maxi}
Back emf constant at 1000 rpm (25°C)*	290	V	\hat{K}_e
Torque sensitivity	2.13	N.m/ \hat{A}	\hat{K}_t
Winding resistance(25°C) *	4.93	Ω	R_b
Winding inductance *	58.3	mH	L
Rotor inertia	680	kg.m ² .10 ⁻⁵	J
Thermal time constant	45	min	T_{th}
Motor mass	17	kg	M

All data are given in typical values under standard conditions

* Phase to phase

Voltagess and currents given in peak values



FICHE-005

Creation: 12 janv 1995

Edition: 17/nov/1998

HS910EX

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