

BRUSHLESS MOTORS
NX860VAJ
ELECTRONIC DRIVE (1)
DIGIVEX 60/100 et DIGIVEX 50/80
(230 V) (400 V)



PARVEX

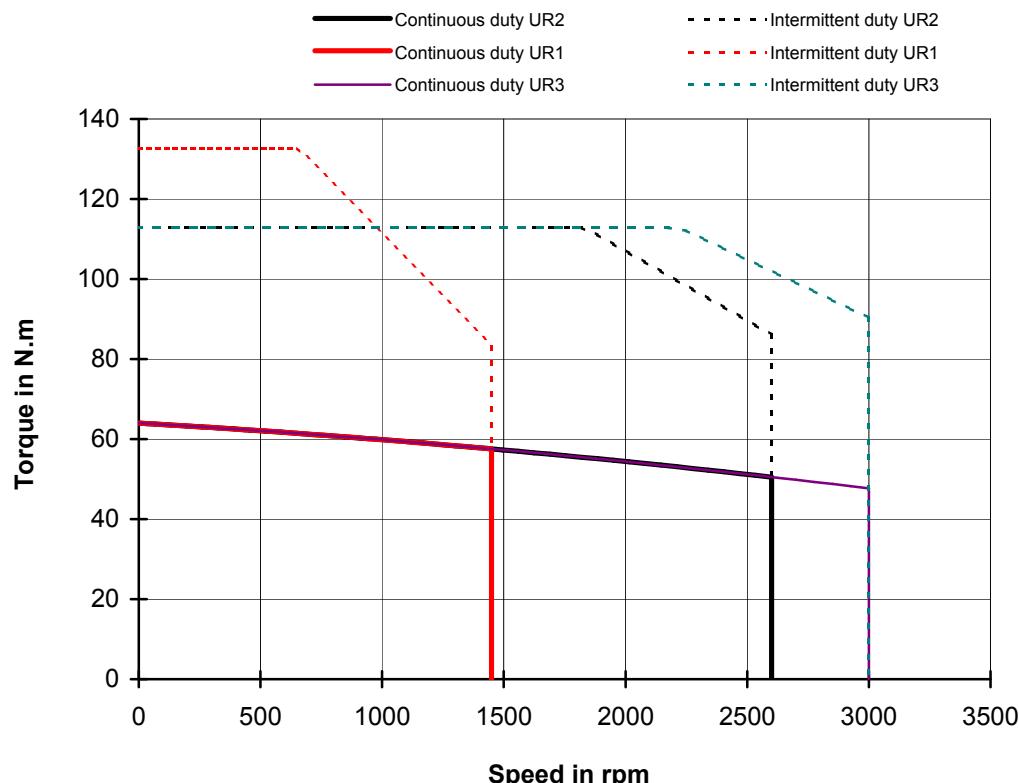
Torque at low speed	M_o	Nm	64		
Permanent current at low speed	I_o	A _{rms}	29.4		
Peak torque	M_p	Nm	137		
Current for the peak torque	I_p	A _{rms}	74		
Back emf constant at 1000 rpm (25°C)*	Ke	V _{rms}	138		
Torque sensitivity	Kt	Nm/A _{rms}	2.18		
Winding resistance (25°C)*	Rb	Ω	0.499		
Winding inductance*	L	mH	6.43		
Rotor inertia	J	kgm ² ×10 ⁻⁵	920		
Thermal time constant	Tth	min	22		
Motor mass	M	kg	31		
Voltage of the mains	UR1 UR2 UR3	V _{rms}	230	400	480
Rated speed	Nn1 Nn2 Nn3	rpm	1450	2600	3000
Rated torque	Mn1 Mn2 Mn3	Nm	57.55	50.52	47.67
Rated current	In1 In2 In3	A _{rms}	26.42	23.22	21.95
Rated power	Pn1 Pn2 Pn3	W	8740	13750	14980

All data are given in typical values under standard conditions

* Phase to phase

(1) Please check the availability of this drive with 480 V

Voltages and currents are given in rms values



Characteristics are given for an optimal drive of the motor

FICHE-009

Création: 26 mars 2003

Edition: 10/févr/2005

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