

SM 108.1.18 M 6		
Electrical Data	Phase resistance	0,3 Ohm
	Phase inductance	1,6 mH
	Phase current A unipolar	5 A
	Phase current A bipolar	7 A
	Isolation class	F
Mechanical Data	Step angle	1,8° ± 3%
	Holding torque	4,5 Nm
	Detend torque	0,11 Nm
	Max. 1,8° Start frequency	750 Hz
	Max. 1,8° Operating frequency	10 kHz
	Rotor inertia	4 kgcm ²
	Bearing thrust load	400 N
	Bearing overhang load	650 N
	Weight	3,8 kg
	Max. operating temperature	110° C

measured with:
typical values

- SE 800.06.60
- - - SE 800.06.120
- without boost

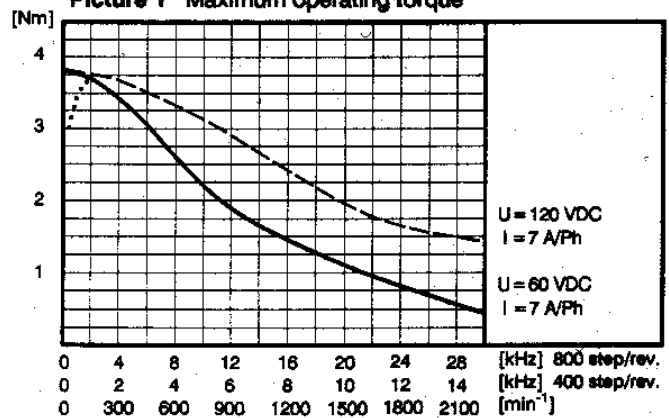
STÖGRA ANTRIEBSTECHNIK GMBH

Machtlfinger Strasse 24
D-81379 München

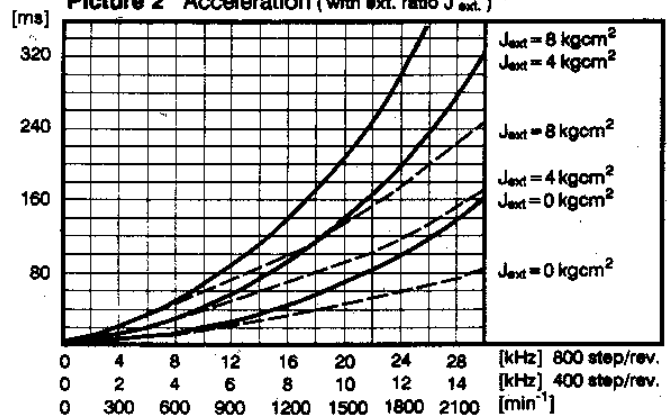
Tel.: +49-89-15904000
Fax.: +49-89-15904009

E-Mail: info@stoegra.de
Internet: www.stoegra.de

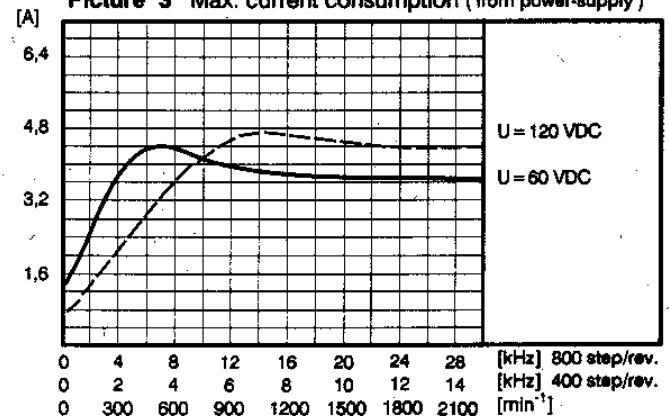
Picture 1 Maximum operating torque



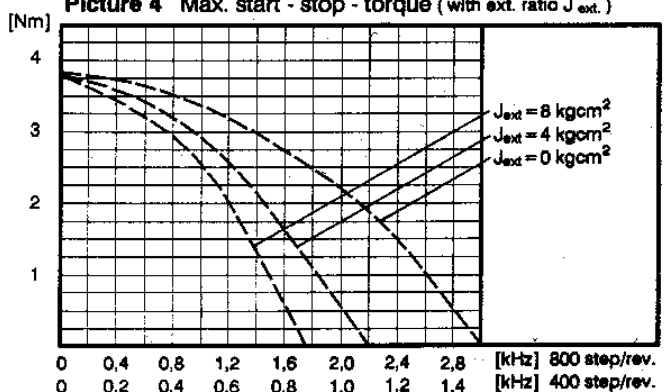
Picture 2 Acceleration (with ext. ratio J_{ext.})



Picture 3 Max. current consumption (from power-supply)



Picture 4 Max. start - stop - torque (with ext. ratio J_{ext.})

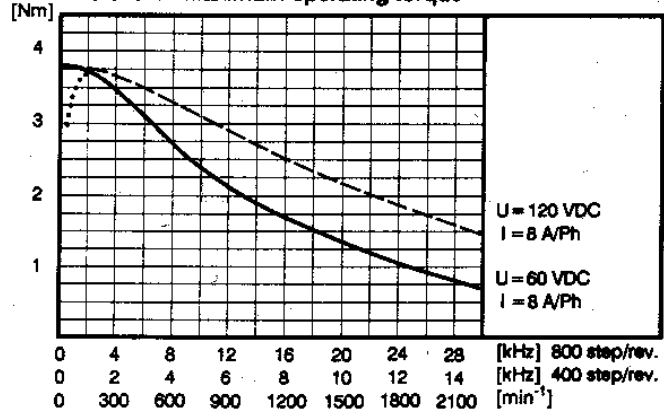


SM 108.1.18 M 8		
Electrical Data	Phase resistance	0,225 Ohm
	Phase inductance	1,2 mH
	Phase current A unipolar	5,7 A
	Phase current A bipolar	8 A
	isolation class	F
Mechanical Data	Step angle	1,8° ± 3 %
	Holding torque	4,5 Nm
	Detend torque	0,11 Nm
	Max. 1,8° Start frequency	750 Hz
	Max. 1,8° Operating frequency	10 kHz
	Rotor inertia	4 kgcm ²
	Bearing thrust load	400 N
	Bearing overhang load	650 N
	Weight	3,8 kg
Max. operating temperature	110° C	

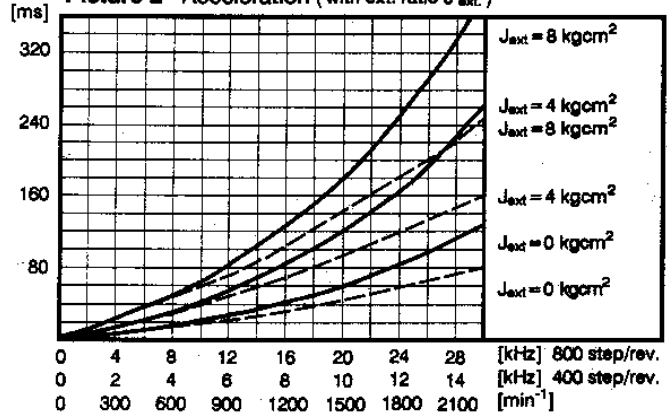
measured with:
typical values

— SE 800.08.60
- - - SE 800.08.120
..... without boost

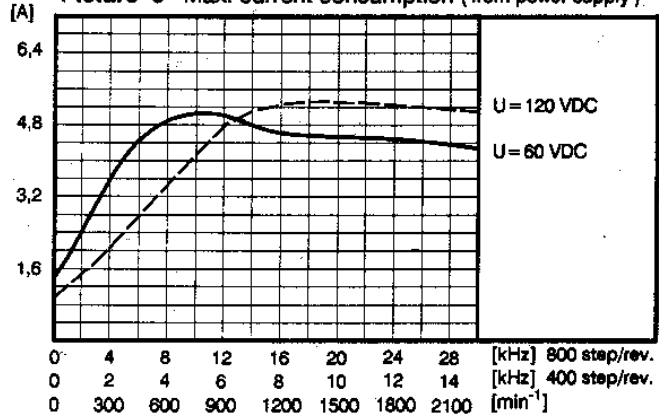
Picture 1 Maximum operating torque



Picture 2 Acceleration (with ext. ratio J_{ext.})



Picture 3 Max. current consumption (from power-supply)



Picture 4 Max. start - stop - torque (with ext. ratio J_{ext.})

