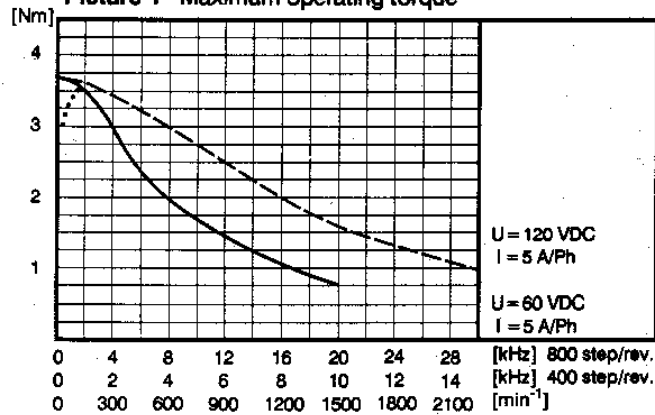


SM 86.3.18 M 3,5		
Electrical Data	Phase resistance	1,1 Ohm
	Phase inductance	5 mH
	Phase current A unipolar	3,5 A
	Phase current A bipolar	5 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ±3 %
	Holding torque	4,5 Nm
	Detend torque	0,08 Nm
	Max. 1,8° Start frequency	1 kHz
	Max. 1,8° Operating frequency	7 kHz
	Rotor inertia	1,95 kgcm ²
	Bearing thrust load	180 N
	Bearing overhang load	280 N
	Weight	3,65 kg
	Max. operating temperature	110° C

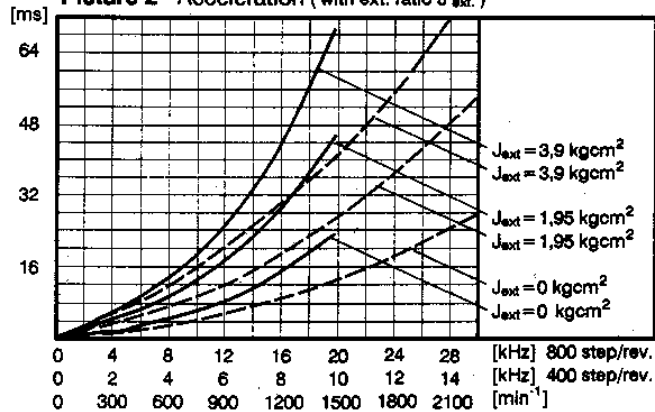
measured with:
typical values

— SE 800.06.60
- - - SE 800.06.120
..... without boost

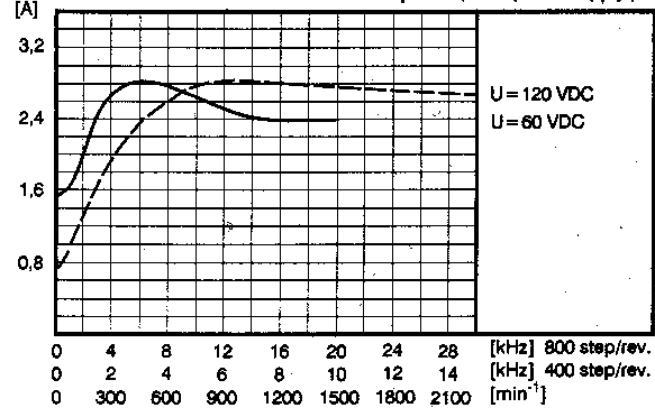
Picture 1 Maximum operating torque



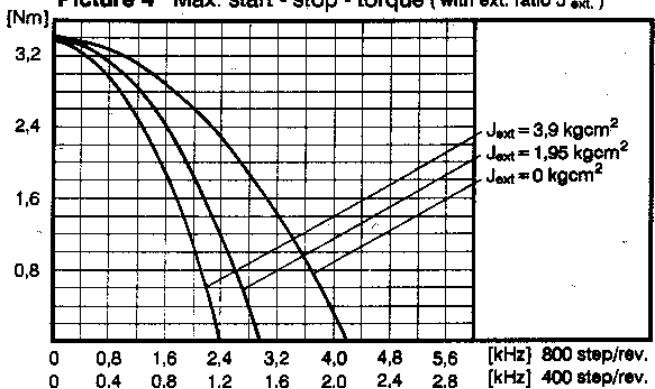
Picture 2 Acceleration (with ext. ratio J_{ext.})



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



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



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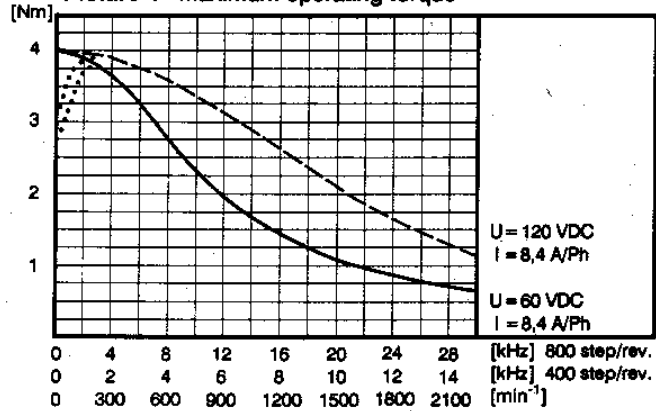
E-Mail: info@stoegra.de
Internet: www.stoegra.de

SM 86.3.18 M 6		
Electrical Data	Phase resistance	0,43 Ohm
	Phase inductance	1,7 mH
	Phase current A unipolar	6 A
	Phase current A bipolar	8,4 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ±3%
	Holding torque	4,5 Nm
	Detent torque	0,08 Nm
	Max. 1,8° Start frequency	1 kHz
	Max. 1,8° Operating frequency	10 kHz
	Rotor inertia	1,95 kgcm ²
	Bearing thrust load	180 N
	Bearing overhang load	280 N
	Weight	3,65 kg
Max. operating temperature	110° C	

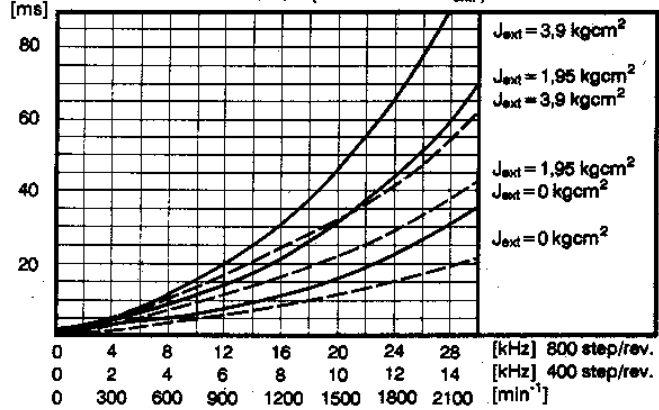
measured with:
typical values

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

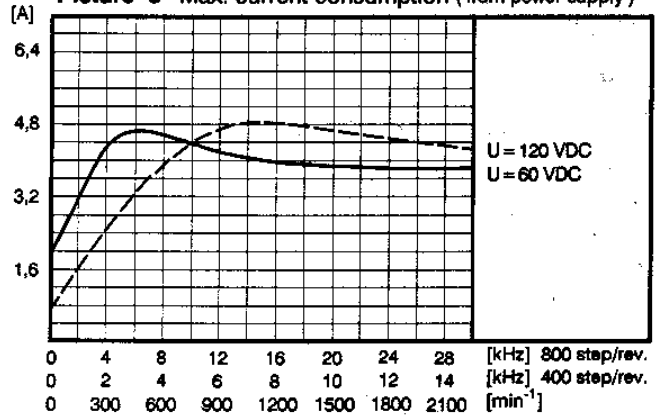
Picture 1 Maximum operating torque



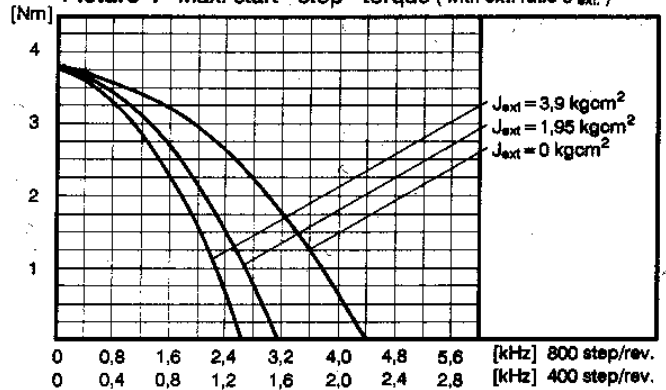
Picture 2 Acceleration (with ext. ratio J_{ext.})



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



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

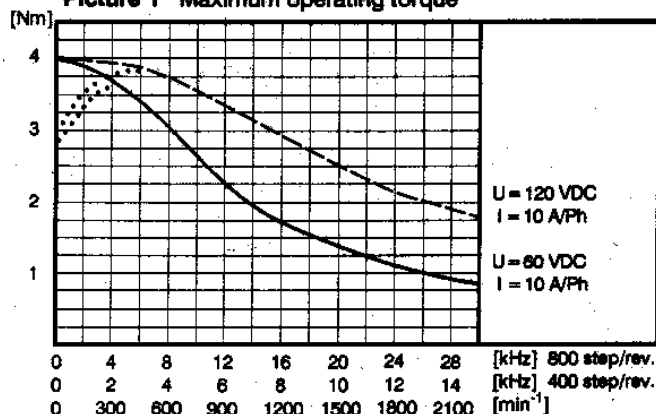


SM 86.3.18 M 7		
Electrical Data	Phase resistance	0,33 Ohm
	Phase inductance	1 mH
	Phase current A unipolar	7 A
	Phase current A bipolar	10 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ±3%
	Holding torque	4,5 Nm
	Detend torque	0,08 Nm
	Max. 1,8° Start frequency	1 kHz
	Max. 1,8° Operating frequency	12 kHz
	Rotor Inertia	1,95 kgcm ²
	Bearing thrust load	180 N
	Bearing overhang load	280 N
	Weight	3,65 kg
	Max. operating temperature	110° C

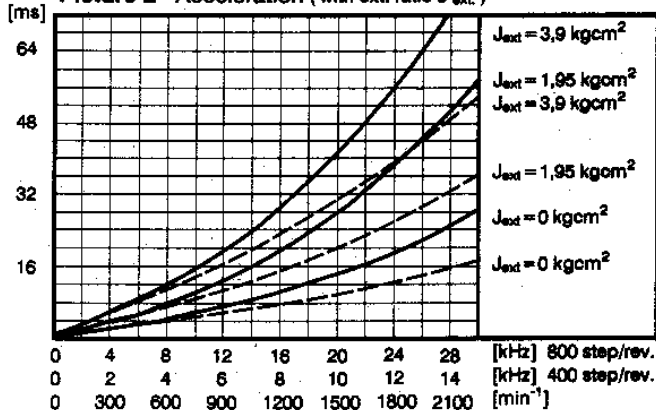
measured with:
typical values

- SE 800.12.60
- - - SE 800.12.120
- without boost

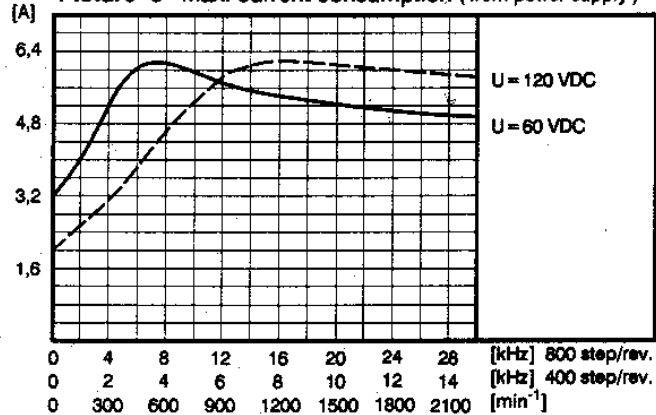
Picture 1 Maximum operating torque



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.})

