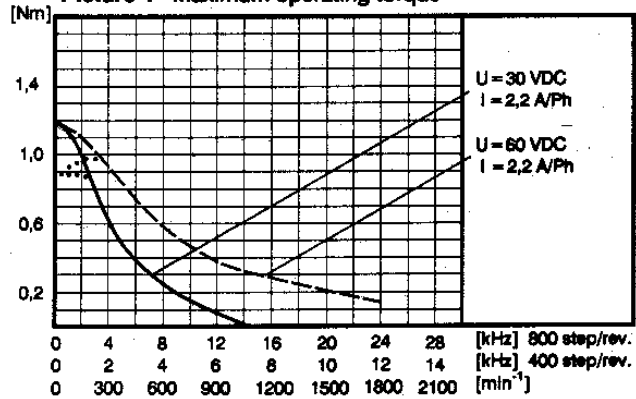


SM 56.3.18 JL 1,5		
Electrical Data	Phase resistance	4,3 Ohm
	Phase inductance	9 mH
	Phase current A unipolar	1,5 A
	Phase current A bipolar	2,2 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ±3 %
	Holding torque	1,25 Nm
	Detend torque	0,025 Nm
	Max. 1,8° Start frequency	1,2 kHz
	Max. 1,8° Operating frequency	10 kHz
	Rotor inertia	0,375 kgcm ²
	Bearing thrust load	80 N
	Bearing overhang load	150 N
	Weight	1,25 kg
	Max. operating temperature	110° C

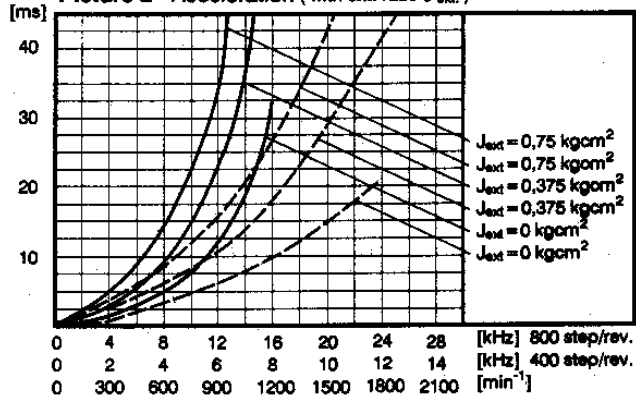
measured with: SE 800.04.60
typical values

— 30 VDC
- - - 60 VDC
..... without boost

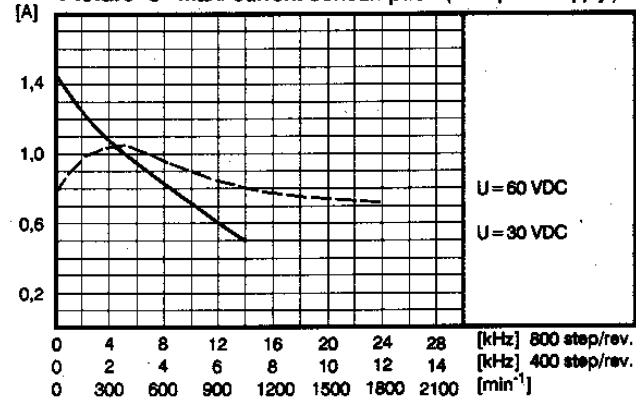
Picture 1 Maximum operating torque



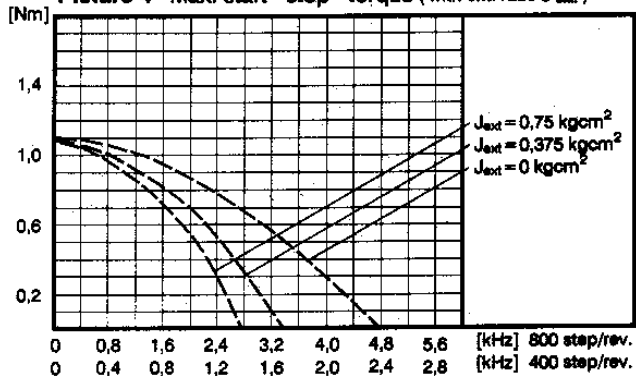
Picture 2 Acceleration (with ext. ratio J_{ext.})



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



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



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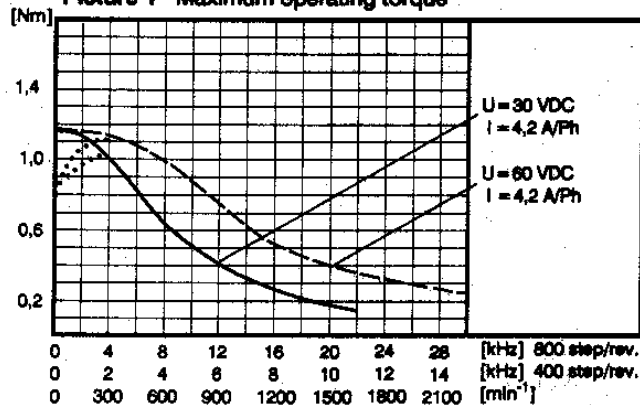
E-Mail: info@stoegra.de
Internet: www.stoegra.de

SM 56.3.18 JL 3		
Electrical Data	Phase resistance	1,46 Ohm
	Phase inductance	3 mH
	Phase current A unipolar	3 A
	Phase current A bipolar	4,2 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ± 3 %
	Holding torque	1,25 Nm
	Detend torque	0,025 Nm
	Max. 1,8° Start frequency	1,35 kHz
	Max. 1,8° Operating frequency	10 kHz
	Rotor inertia	0,375 kgcm ²
	Bearing thrust load	80 N
	Bearing overhang load	150 N
	Weight	1,25 kg
Max. operating temperature	110° C	

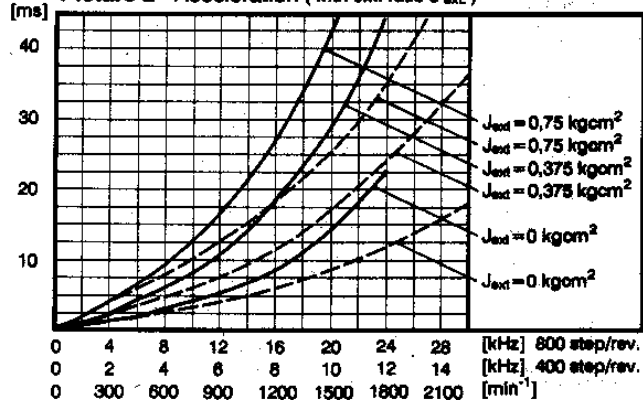
measured with: SE 800.04.60
typical values

— 30 VDC
- - - 60 VDC
..... without boost

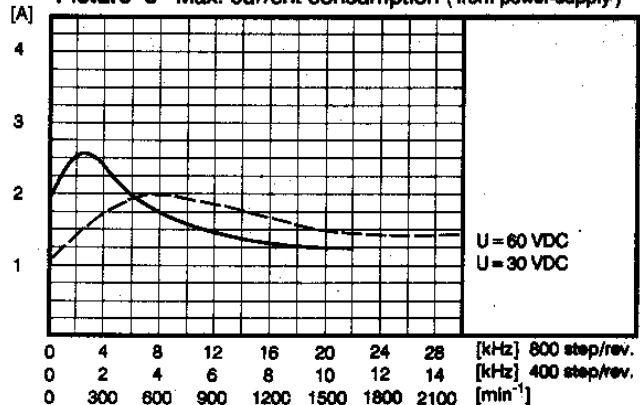
Picture 1 Maximum operating torque



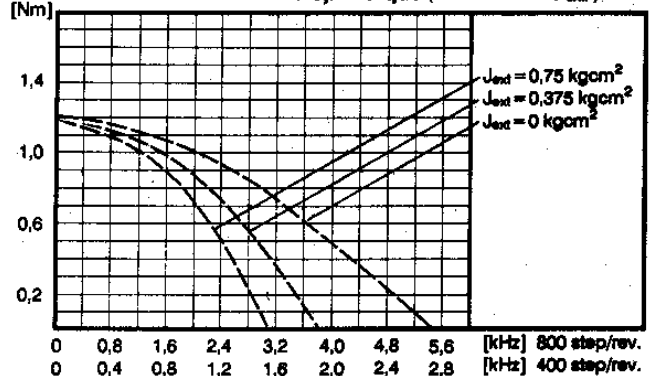
Picture 2 Acceleration (with ext. ratio J_{ext.})



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



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

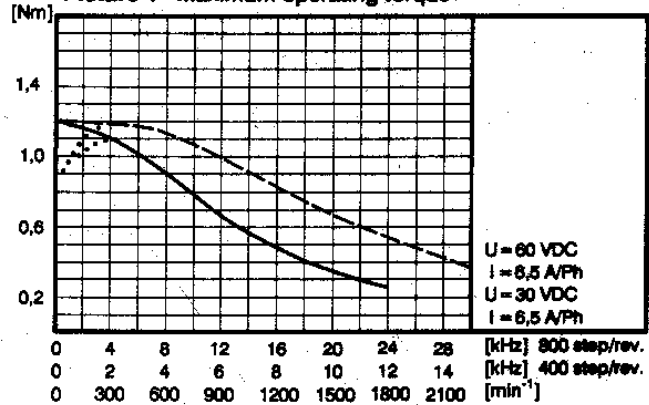


SM 58.3.18 JL 4,6	
Phase resistance	0,72 Ohm
Phase inductance	1,2 mH
Phase current A unipolar	4,6 A
Phase current A bipolar	6,5 A
Isolation class F	F
Step angle	1,8° ±3 %
Holding torque	1,25 Nm
Detent torque	0,025 Nm
Max. 1,8° Start frequency	1,4 kHz
Max. 1,8° Operating frequency	10 kHz
Rotor inertia	0,375 kgcm ²
Bearing thrust load	80 N
Bearing overhang load	150 N
Weight	1,25 kg
Max. operating temperature	110° C

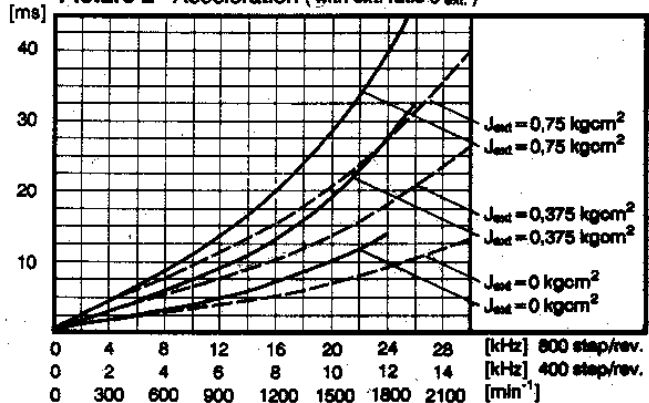
measured with: SE 800.06.60
typical values

— 30 VDC
- - - 60 VDC
..... without boost

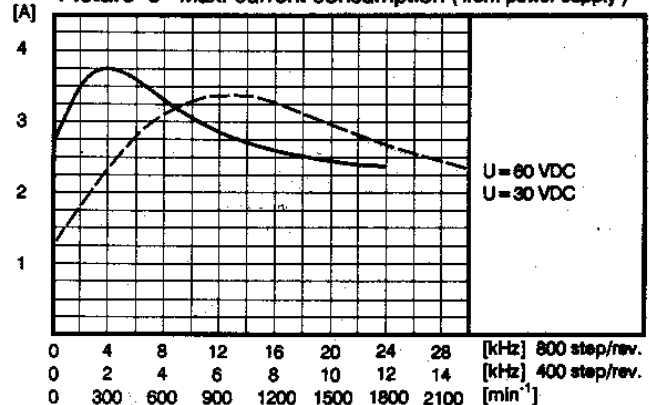
Picture 1 Maximum operating torque



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.})

