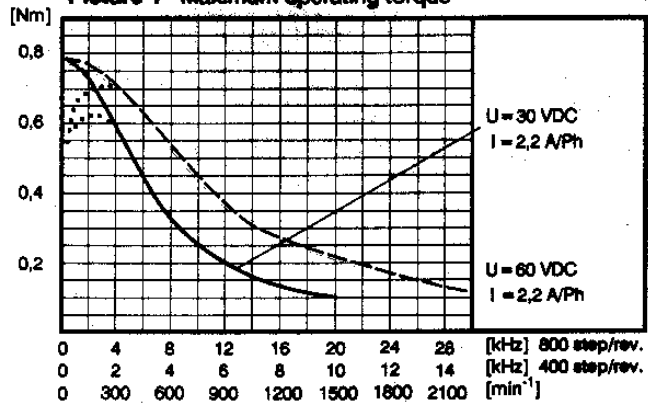


SM 56.2.18 JL 1,5		
Electrical Data	Phase resistance	3,9 Ohm
	Phase inductance	9 mH
	Phase current A unipolar	1,5 A
	Phase current A bipolar	2,2 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ± 3%
	Holding torque	0,85 Nm
	Detend torque	0,017 Nm
	Max. 1,8° Start frequency	1,35 kHz
	Max. 1,8° Operating frequency	15 kHz
	Rotor inertia	0,25 kgcm ²
	Bearing thrust load	80 N
	Bearing overhang load	150 N
	Weight	0,78 kg
Max. operating temperature	110° C	

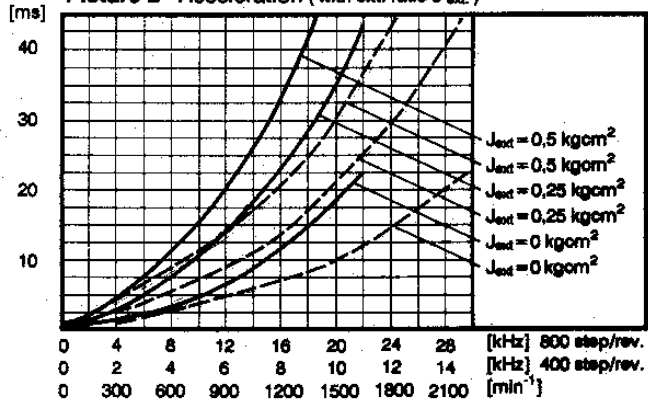
measured with: SE 800.04.60
typical values

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

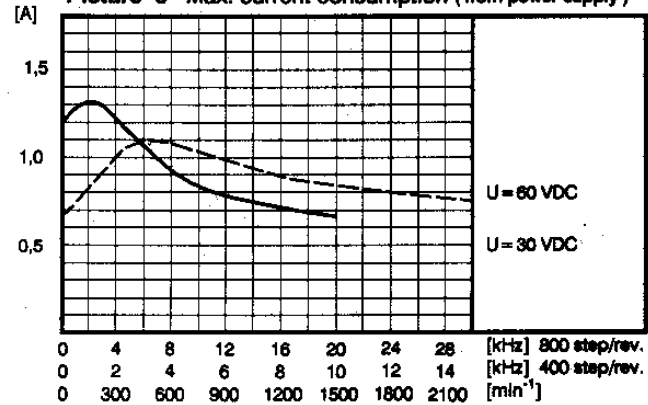
Picture 1 Maximum operating torque



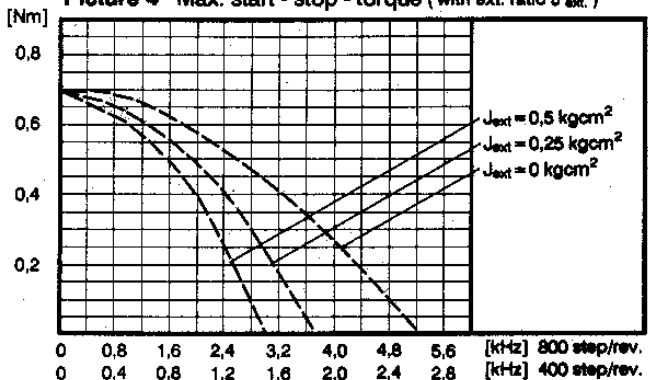
Picture 2 Acceleration (with ext. ratio J_{ext.})



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



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



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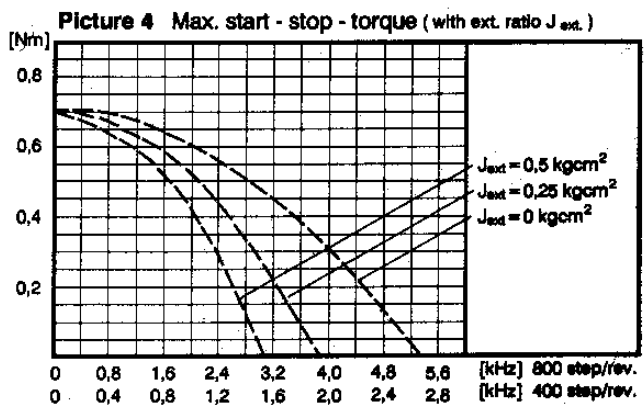
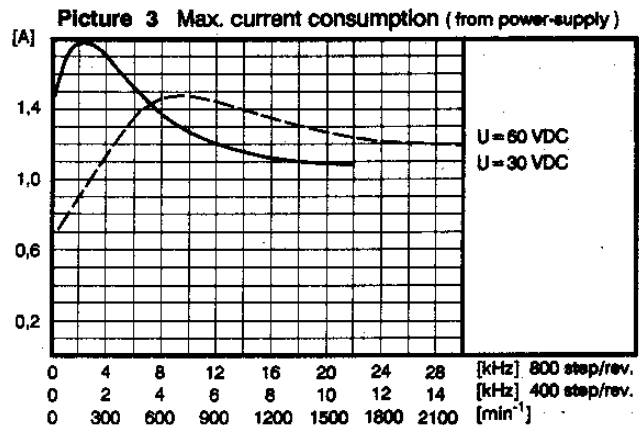
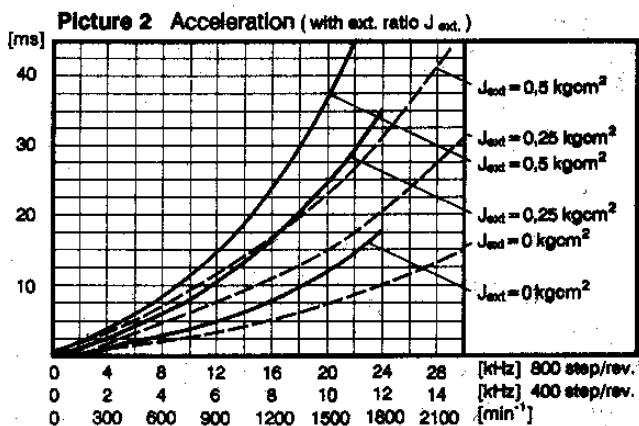
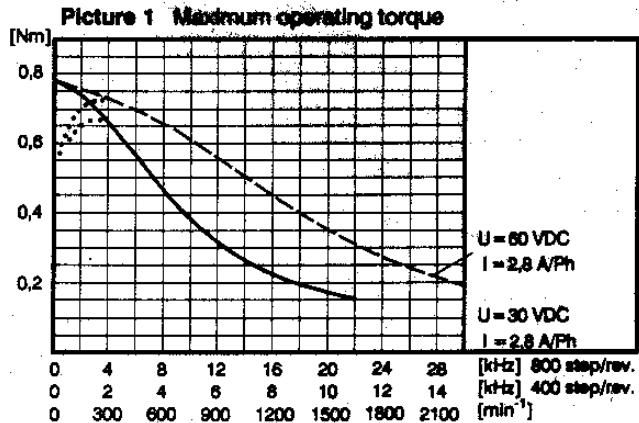
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Internet: www.stoegra.de

SM 56.2.18 JL 2		
Electrical Data	Phase resistance	2,6 Ohm
	Phase inductance	5 mH
	Phase current A unipolar	2 A
	Phase current A bipolar	2,8 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ±3 %
	Holding torque	0,85 Nm
	Detend torque	0,017 Nm
	Max. 1,8° Start frequency	1,35 kHz
	Max. 1,8° Operating frequency	15 kHz
	Rotor inertia	0,25 kgcm ²
	Bearing thrust load	80 N
	Bearing overhang load	150 N
	Weight	0,78 kg
	Max. operating temperature	110° C

measured with: SE 800.04.60
typical values

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

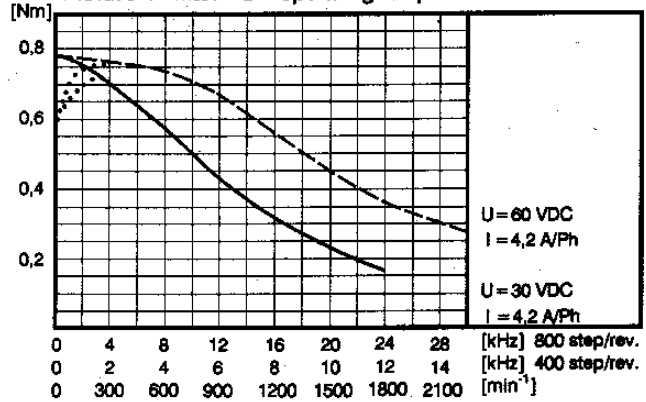


SM 56.2.18 JL 3		
Electrical Data	Phase resistance	1,2 Ohm
	Phase inductance	2,6 mH
	Phase current A unipolar	3 A
	Phase current A bipolar	4,2 A
	Isolation class F	F
Mechanical Data	Step angle	1,8° ± 3%
	Holding torque	0,85 Nm
	Detent torque	0,017 Nm
	Max. 1,8° Start frequency	1,4 kHz
	Max. 1,8° Operating frequency	15 kHz
	Rotor Inertia	0,25 kgcm ²
	Bearing thrust load	90 N
	Bearing overhang load	150 N
	Weight	0,78 kg
	Max. operating temperature	110° C

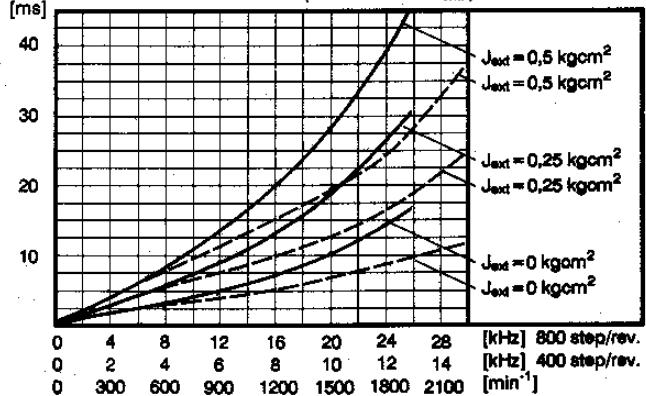
measured with: SE 900.04.60
typical values

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

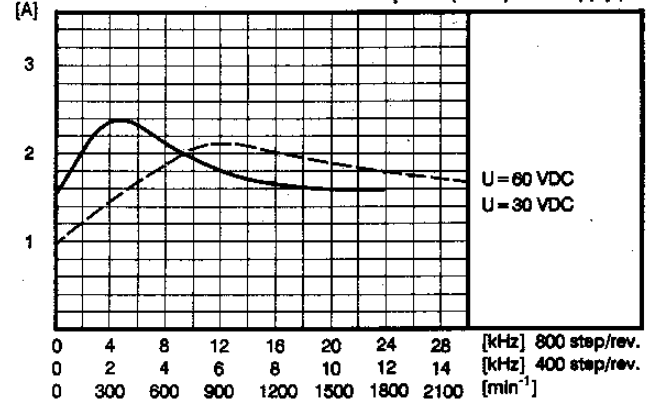
Picture 1 Maximum operating torque



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.})

