

SM 108.4.18 M 12		
Electrical Data	Phase resistance	0,34 Ohm
	Phase inductance	2,7 mH
	Phase current A unipolar	8,8 A
	Phase current A bipolar	12,5 A
	Isolation class	F
Mechanical Data	Step angle	1,8° ± 3 %
	Holding torque	16 Nm
	Detend. torque	0,4 Nm
	Max. 1,8° Start frequency	670 Hz
	Max. 1,8° Operating frequency	6 kHz
	Rotor inertia	16 kgcm ²
	Bearing thrust load	400 N
	Bearing overhang load	650 N
	Weight	12,5 kg
	Max. operating temperature	110° C

measured with:
typical values

— SE 800.12.60
- - - SE 800.12.120
..... without boost

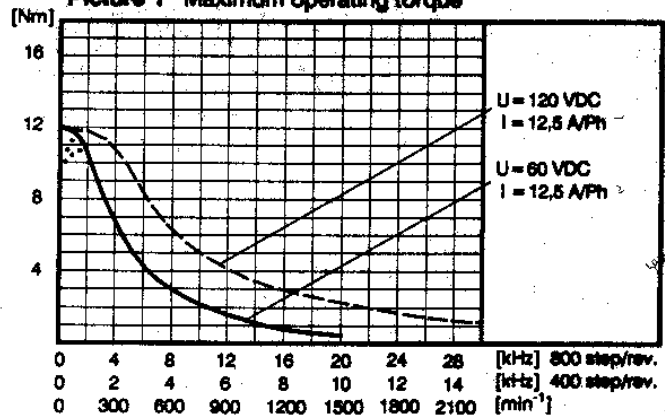
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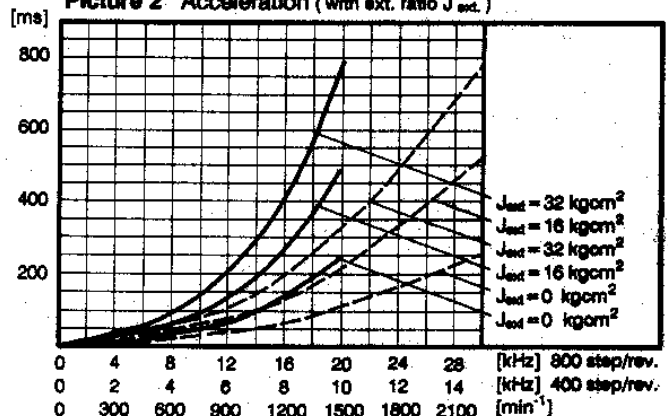
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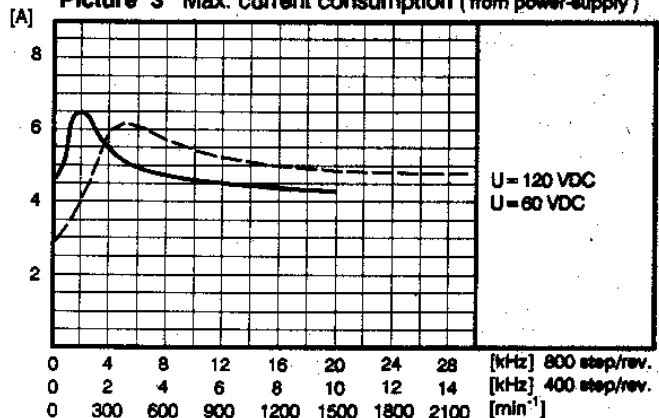
Picture 1 Maximum operating torque



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.})

