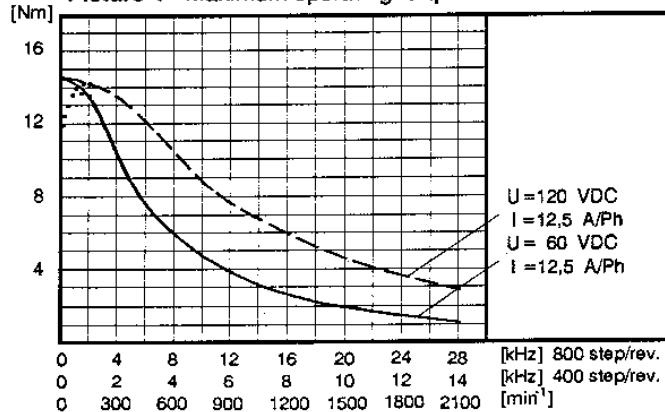


SM 107.4.18 M 12		
Electrical Data	Phase resistance	0,34 Ohm
	Phase inductance	2,7 mH
	Phase current A unipolar	8,8 A
	Phase current A bipolar	12,5 A
	Isolation class	F
Mechanical Data	Step angle	$1,8^\circ \pm 3\%$
	Holding torque	16 Nm
	Detend torque	0,4 Nm
	Max. $1,8^\circ$ Start frequency	750 Hz
	Max. $1,8^\circ$ Operating frequency	7 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

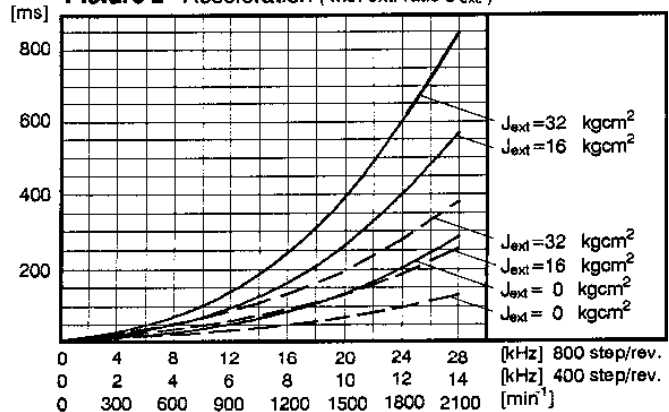
measured with:
typical values

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

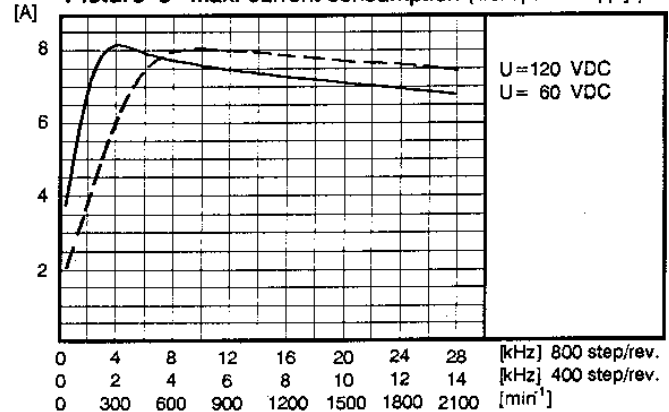
Picture 1 Maximum operating torque



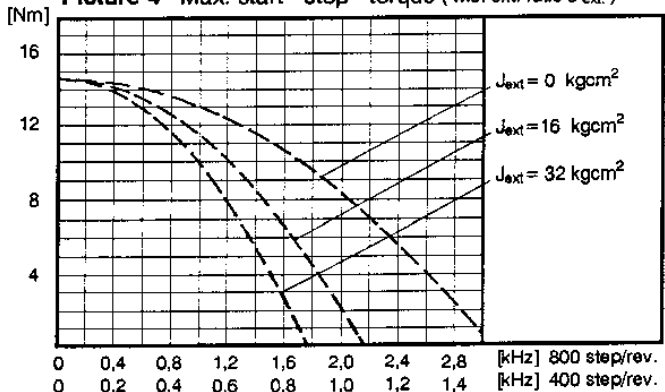
Picture 2 Acceleration (with ext. ratio J_{ext})



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



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



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