

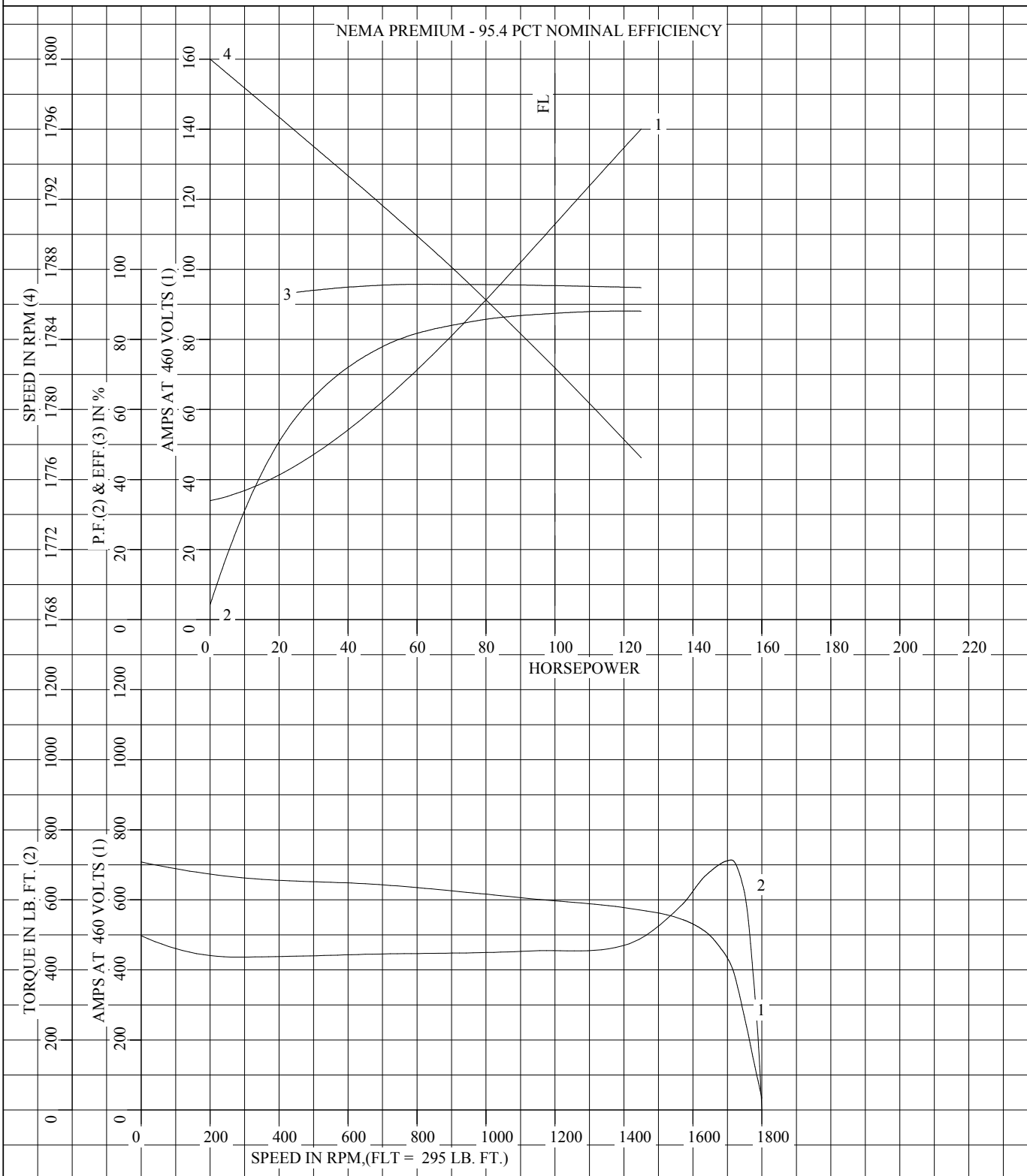
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405T	100	P	3/60	1780	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
224/112	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.		TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)	
596181	418142037AE	---		---	.0141/.0564	
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	34.2	1800	4.25	0	
1/4	25.0	43.3	1796	57.9	93.5	
2/4	50.0	62.9	1792	77.9	95.5	
3/4	74.9	86.4	1787	84.9	95.7	
4/4	100	112	1782	87.5	95.4	
5/4	125	140	1777	88.1	94.8	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	169	498	708	
PULL UP		270	148	437	665	
BREAKDOWN		1712	242	714	409	
FULL LOAD		1782	100	295	112	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA NEMA PREMIUM - 95.4 PCT NOMINAL EFFICIENCY						
		DR. BY W. L. SMITH			A-C MOTOR PERFORMANCE A40WG0495-R001 DATA ISSUE DATE 01/07/11	
		CK. BY J. J. HARRISON				
		APP. BY W. L. SMITH				
		DATE 08/26/10				

REL S.O.
FRAME 405T
HP 100
TYPE P
PHASE/HERTZ 3/60

RPM 1780
VOLTS 230/460
AMPS 224/112
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER G
ENCLOSURE TEFC
E/S 596181

ROTOR 418142037AE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0141/.0564
OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR

DR. BY W. L. SMITH
CK. BY J.J. HARRISON
APP. BY W. L. SMITH
DATE 08/26/10

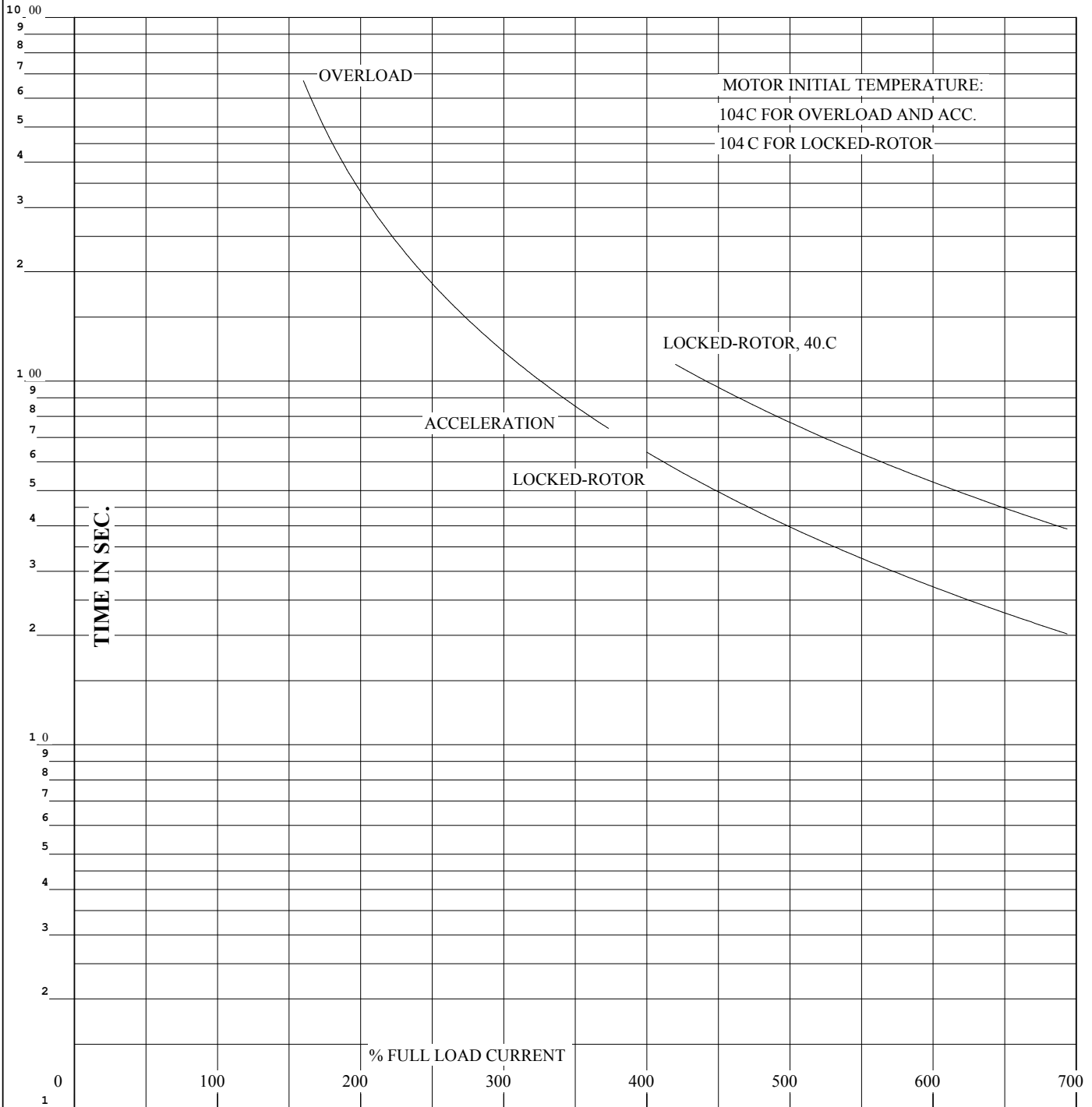
**A-C MOTOR
PERFORMANCE
CURVES** A40WG0495-R001
ISSUE DATE 01/07/11

REL. S.O.
FRAME 405T
HP 100
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PHASE/HERTZ 3/60

RPM 1780
VOLTS 230/460
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OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: NEMA PREMIUM - 95.4 PCT NOMINAL EFFICIENCY

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PERFORMANCE A40WG0495-R001
CURVES** ISSUE DATE 01/07/11