


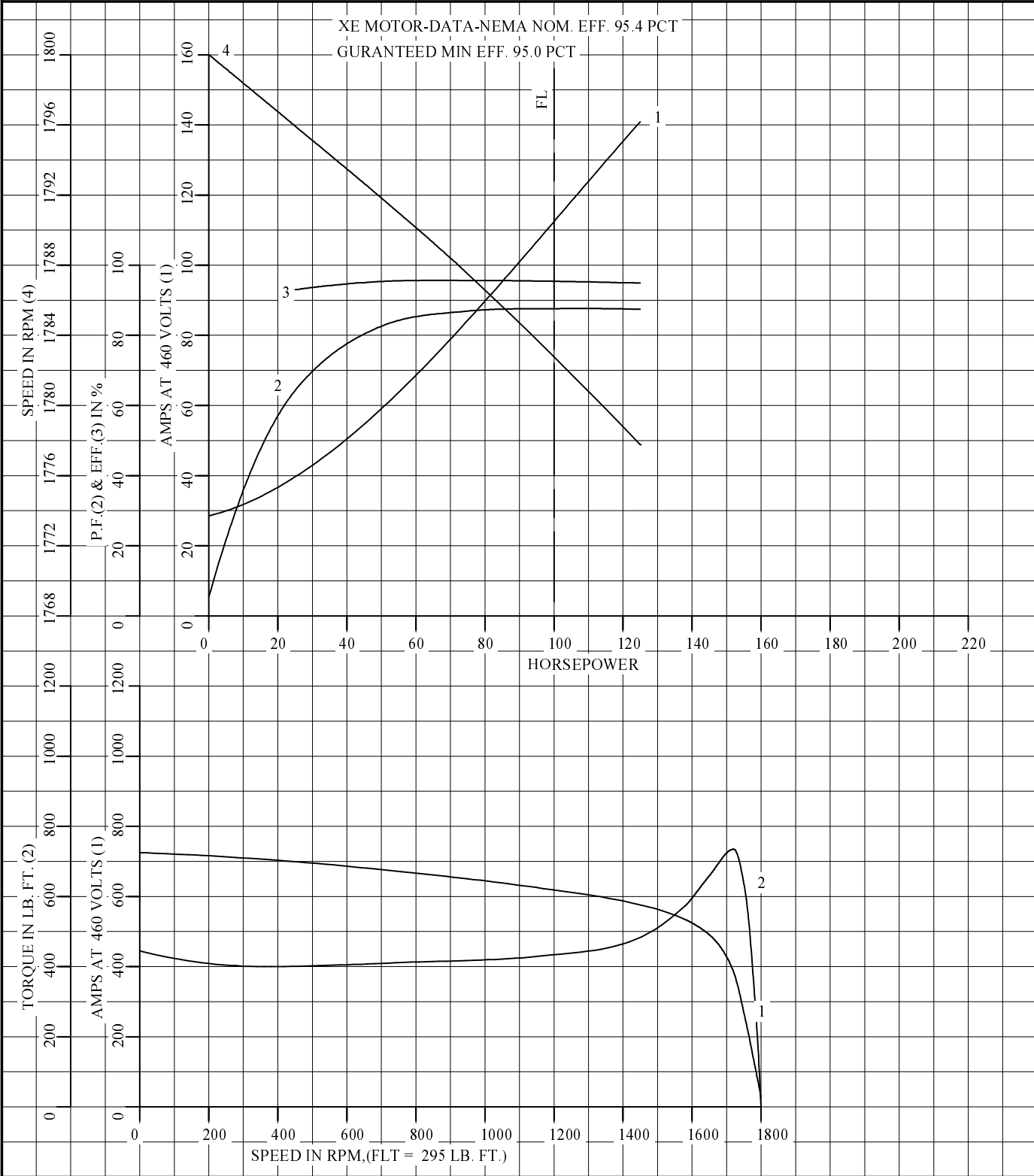
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TS	100	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
112	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596909	418142-33-RE	---	---	.0492		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	28.7	1800	5.48	0	
1/4	25.0	39.2	1796	64.3	93.0	
2/4	50.0	59.4	1792	82.6	95.4	
3/4	75.0	84.4	1788	86.9	95.7	
4/4	100	112	1783	87.6	95.4	
5/4	125	141	1778	87.4	94.9	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	151	445	725	
PULL UP		360	136	400	706	
BREAKDOWN		1721	250	735	382	
FULL LOAD		1783	100	295	112	
<p>AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA  XE MOTOR-DATA-NEMA NOM. EFF. 95.4 PCT  GURANTEED MIN EFF. 95.0 PCT</p>						
			DR. BY <u>J. J. HARRISON</u> CK. BY <u>W. L. SMITH</u> APP. BY <u>W. L. SMITH</u> DATE <u>02/05/09</u>		<b>A-C MOTOR</b> <b>PERFORMANCE A40WG0066-R002</b> <b>DATA</b> ISSUE DATE 12/15/10	

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

RPM 1785  
 VOLTS 460  
 AMPS 112  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE TEFC  
 E/S 596909

ROTOR 418142-33-RE  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0492  
 OHMS (BETWEEN LINES)



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



DR. BY JJ HARRISON  
 CK. BY W L SMITH  
 APP. BY W L SMITH  
 DATE 02/05/09

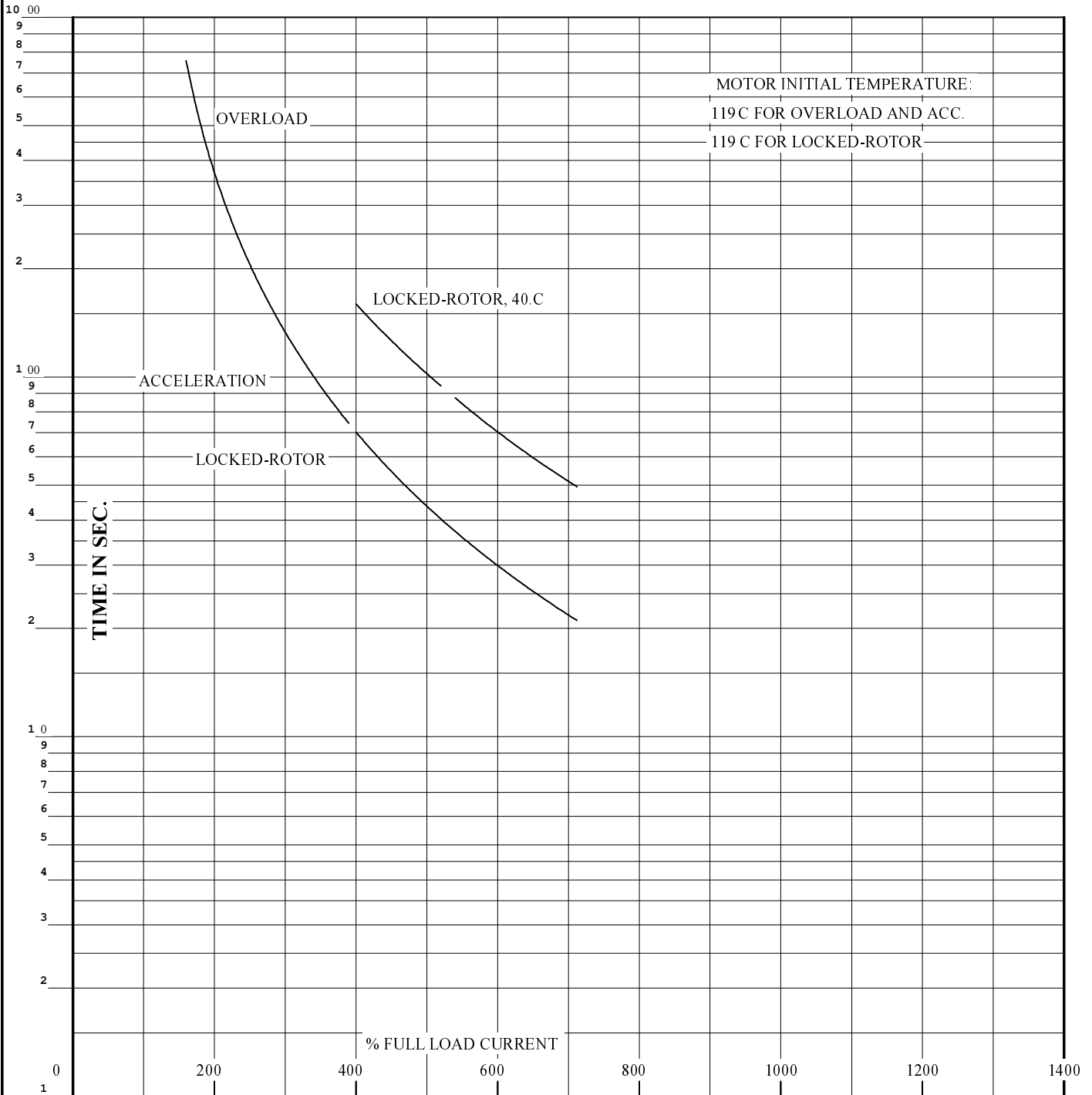
**A-C MOTOR PERFORMANCE CURVES**  
 A40WG0066-R002  
 ISSUE DATE 12/15/10

REL. S.O.  
 FRAME 405TS  
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THERMAL LIMIT CURVE

REMARKS: XE MOTOR-DATA-NEMA NOM. EFF. 95.4 PCT  
 GURANTEED MIN EFF. 95.0 PCT

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**A-C MOTOR**  
**PERFORMANCE** A40WG0066-R002  
**CURVES** ISSUE DATE 12/15/10