


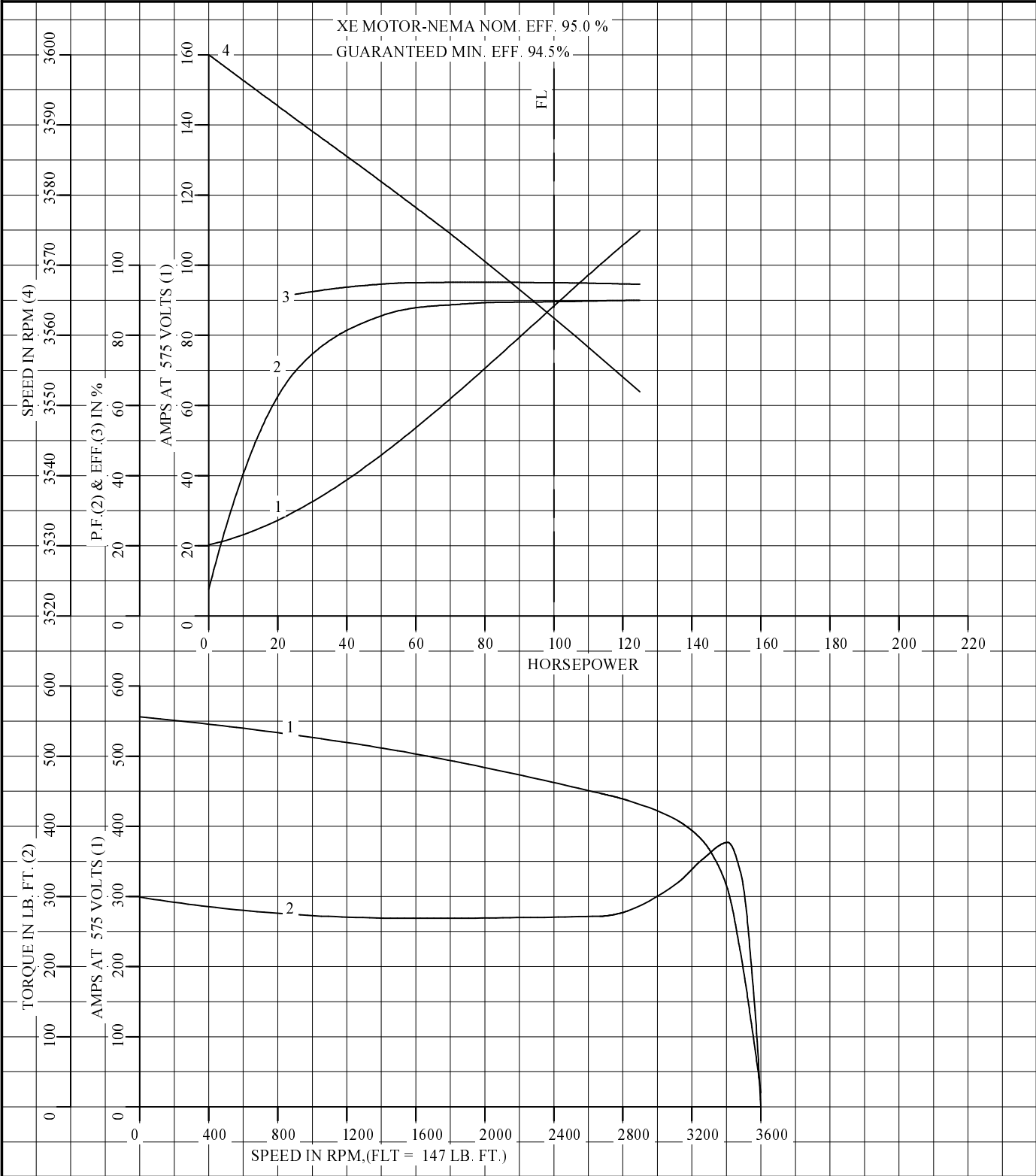
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TS	100	P	3/60	3565	575
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
88	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596933	418142005PE	---	---	.0822		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	20.4	3600	7.60	0	
1/4	25.0	29.3	3591	69.7	91.7	
2/4	50.0	46.3	3582	85.6	94.6	
3/4	75.1	66.4	3572	89.0	95.1	
4/4	100	88.0	3563	89.6	95.0	
5/4	125	110	3552	90.0	94.6	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	203	299	556	
PULL UP		1545	182	269	506	
BREAKDOWN		3408	256	377	310	
FULL LOAD		3563	100	147	88.0	
<p>AMPERES SHOWN FOR 575. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA XE MOTOR-NEMA NOM. EFF. 95.0 % GUARANTEED MIN. EFF. 94.5%</p>						
		DR. BY <u>W. L. SMITH</u>		A-C MOTOR PERFORMANCE A40WG0485-R001 DATA ISSUE DATE 12/15/10		
		CK. BY <u>J. J. HARRISON</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>05/07/04</u>				

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

RPM 3565
 VOLTS 575
 AMPS 88
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE TEFC
 E/S 596933

ROTOR 418142005PE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0822
 OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 575 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



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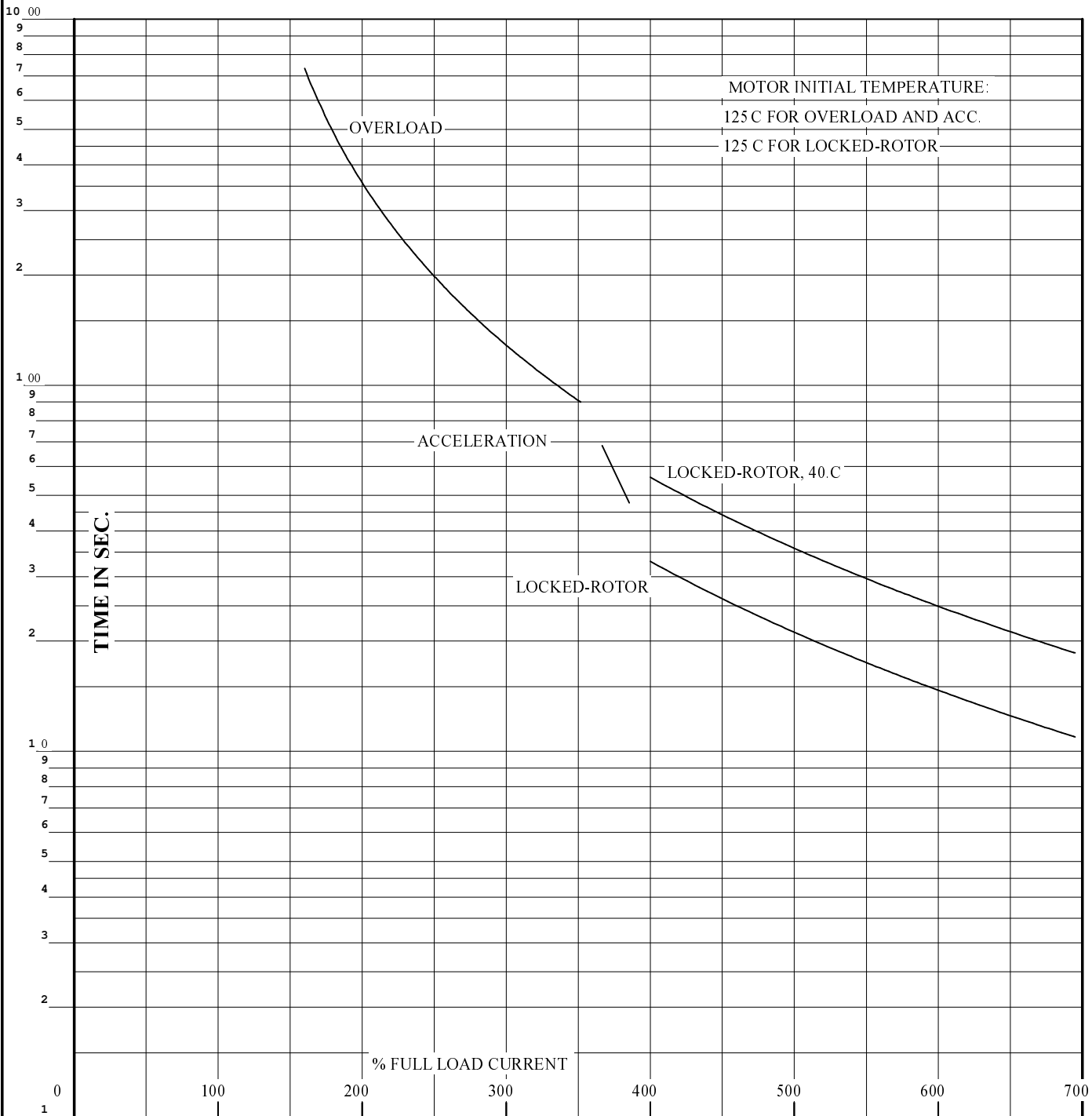
A-C MOTOR PERFORMANCE CURVES
 A40WG0485-R001
 ISSUE DATE 12/15/10

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

RPM 3565
 VOLTS 575
 AMPS 88
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
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ROTOR 418142005PE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0822
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: XE MOTOR-NEMA NOM. EFF. 95.0 %
 GUARANTEED MIN. EFF. 94.5%

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