


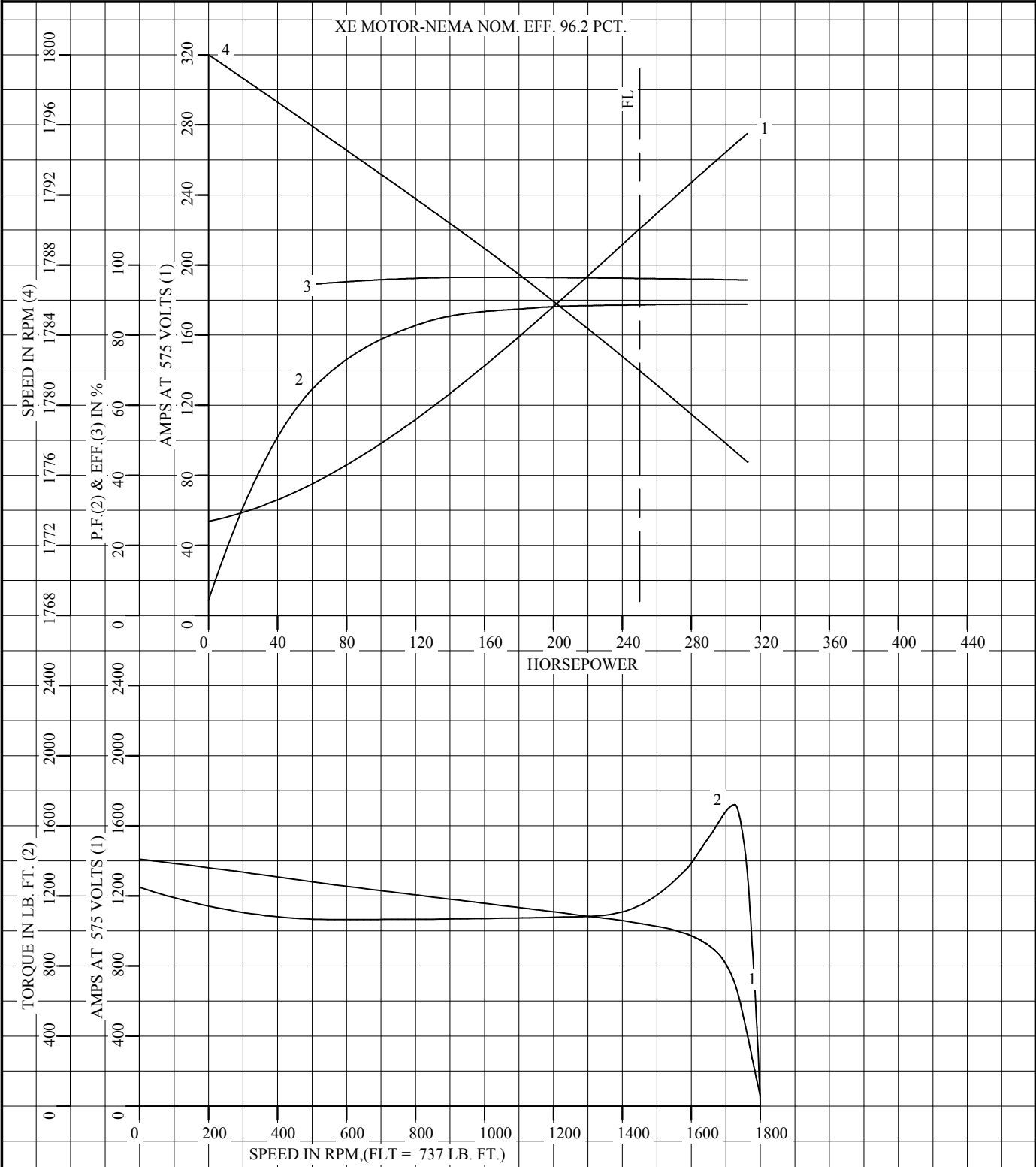
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS		
	449TC	250	P	3/60	1780	575		
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.		
220	CONT	40/F	1.15	B	G	TEFC		
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)				
---	418143052LE	---	---	.0215				
PERFORMANCE								
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY			
NO LOAD	0	54.1	1800	4.39	0			
1/4	62.6	75.3	1796	65.8	94.6			
2/4	125	116	1791	83.5	96.3			
3/4	187	166	1787	87.7	96.5			
4/4	250	220	1782	88.6	96.2			
5/4	313	275	1777	88.8	95.7			
SPEED TORQUE								
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES			
LOCKED ROTOR		0	169	1249	1410			
PULL UP		570	144	1065	1262			
BREAKDOWN		1726	234	1721	698			
FULL LOAD		1782	100	737	220			
<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. 96.2 PCT.</p>								
		DR. BY	E. J. CHRISTIAN		A-C MOTOR PERFORMANCE A44WG0176-R003 DATA			
		CK. BY	W. L. SMITH				ISSUE DATE	05/21/20
		APP. BY	E. J. CHRISTIAN					
		DATE	09/12/16					

REL S.O.
 FRAME 449TC
 HP 250
 TYPE P
 PHASE/HERTZ 3/60

RPM 1780
 VOLTS 575
 AMPS 220
 DUTY CONT
 AMB °C/INSUL 40/F

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

ROTOR 418143052LE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0215
 OHMS (BETWEEN LINES)



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



DR. BY E.J. CHRISTIAN
 CK. BY W.L. SMITH
 APP. BY E.J. CHRISTIAN
 DATE 09/12/16

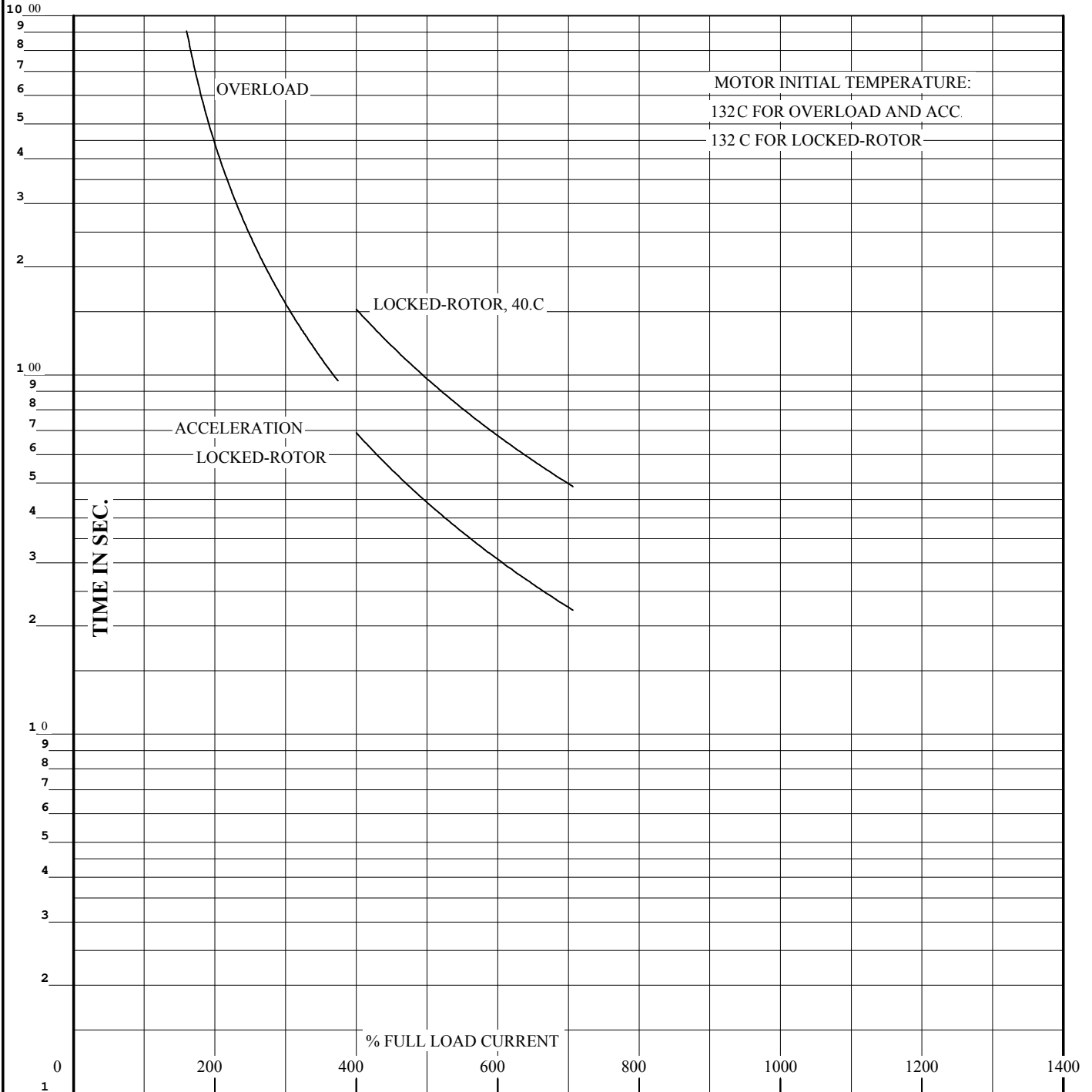
A-C MOTOR PERFORMANCE CURVES
 A44WG0176-R003
 ISSUE DATE 05/21/20

REL. S.O.
 FRAME 449TC
 HP 250
 TYPE P
 PHASE/HERTZ 3/60

RPM 1780
 VOLTS 575
 AMPS 220
 DUTY CONT
 AMB °C/INSUL 40/F

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

ROTOR 418143052LE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C. 0.0215
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: XE MOTOR-NEMA NOM. EFF. 96.2 PCT.

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



DR. BY E.J. CHRISTIAN
 CK. BY W.L. SMITH
 APP. BY E.J. CHRISTIAN
 DATE 09/12/16

A-C MOTOR PERFORMANCE CURVES
 A44WG0176-R003
 ISSUE DATE 05/21/20