


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS		
	449TS	300	P	3/60	3570	460		
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.		
324	CONT	40/F	1.15	B	G	TEFC		
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)				
833407	418143-015-YE	---	---	.00875				
PERFORMANCE								
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY			
NO LOAD	0	65.9	3600	8.68	0			
1/4	75.0	116	3593	65.6	91.9			
2/4	150	178	3585	83.3	94.9			
3/4	225	249	3578	88.6	95.6			
4/4	300	325	3570	90.4	95.6			
5/4	375	405	3562	90.8	95.4			
SPEED TORQUE								
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES			
LOCKED ROTOR		0	164	725	2182			
PULL UP		540	133	586	1984			
BREAKDOWN		3462	278	1228	1081			
FULL LOAD		3570	100	441	325			
<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 CALCULATED DATA NEMA NOM EFF 95.8 PCT.</p>								
		DR. BY	G. R. WEBB		A-C MOTOR PERFORMANCE A44WG4563-R002 DATA			
		CK. BY	W. L. SMITH				ISSUE DATE	12/22/20
		APP. BY	W. L. SMITH					
		DATE	04/01/14					

REL S.O.

FRAME 449TS

HP 300

TYPE P

PHASE/HERTZ 3/60

RPM 3570

VOLTS 460

AMPS 324

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S 833407

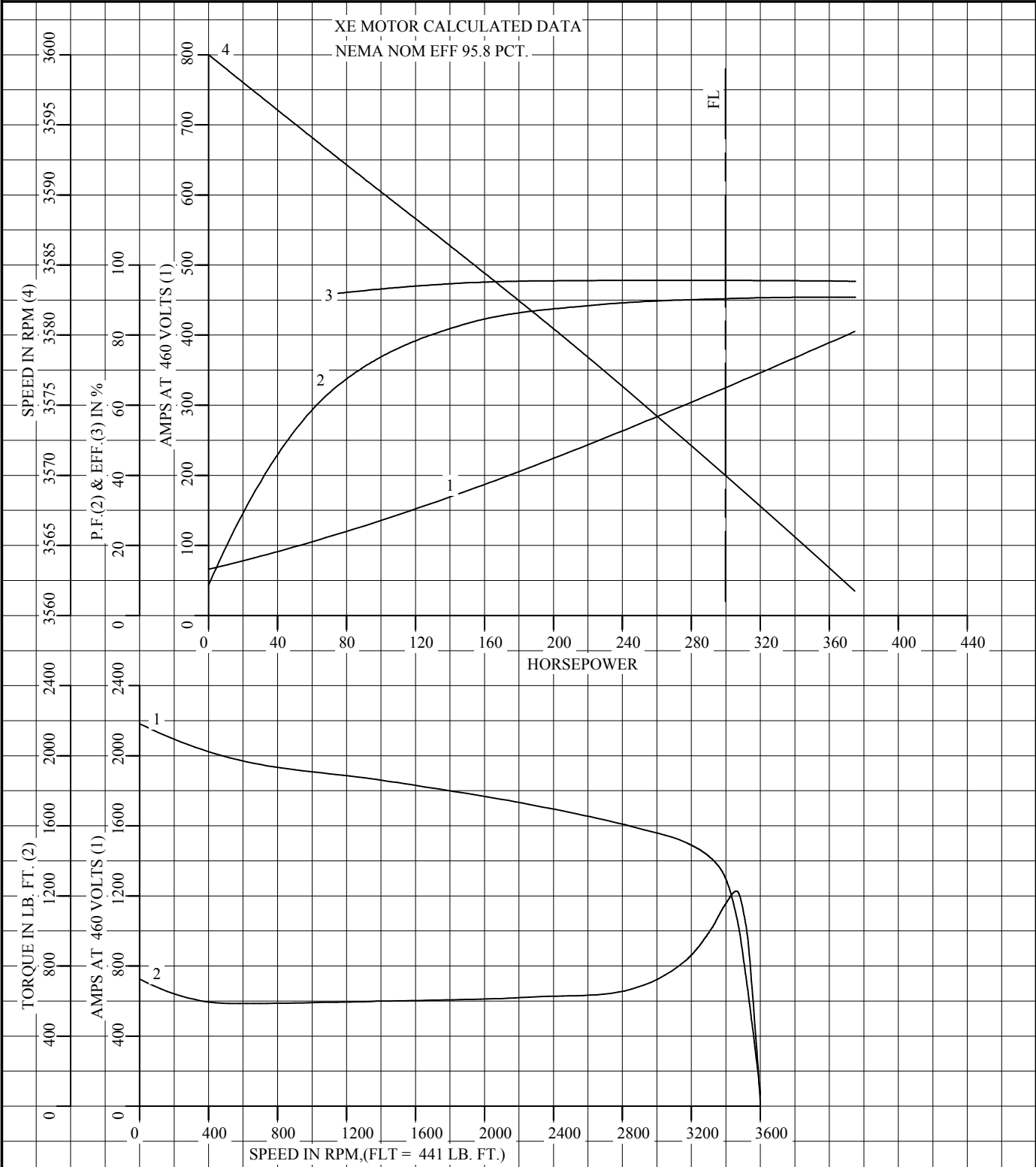
ROTOR 418143-015-YE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .00875

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 G. R. WEBB
 CK. BY W. L. SMITH
 APP. BY W. L. SMITH
 DATE 04/01/14

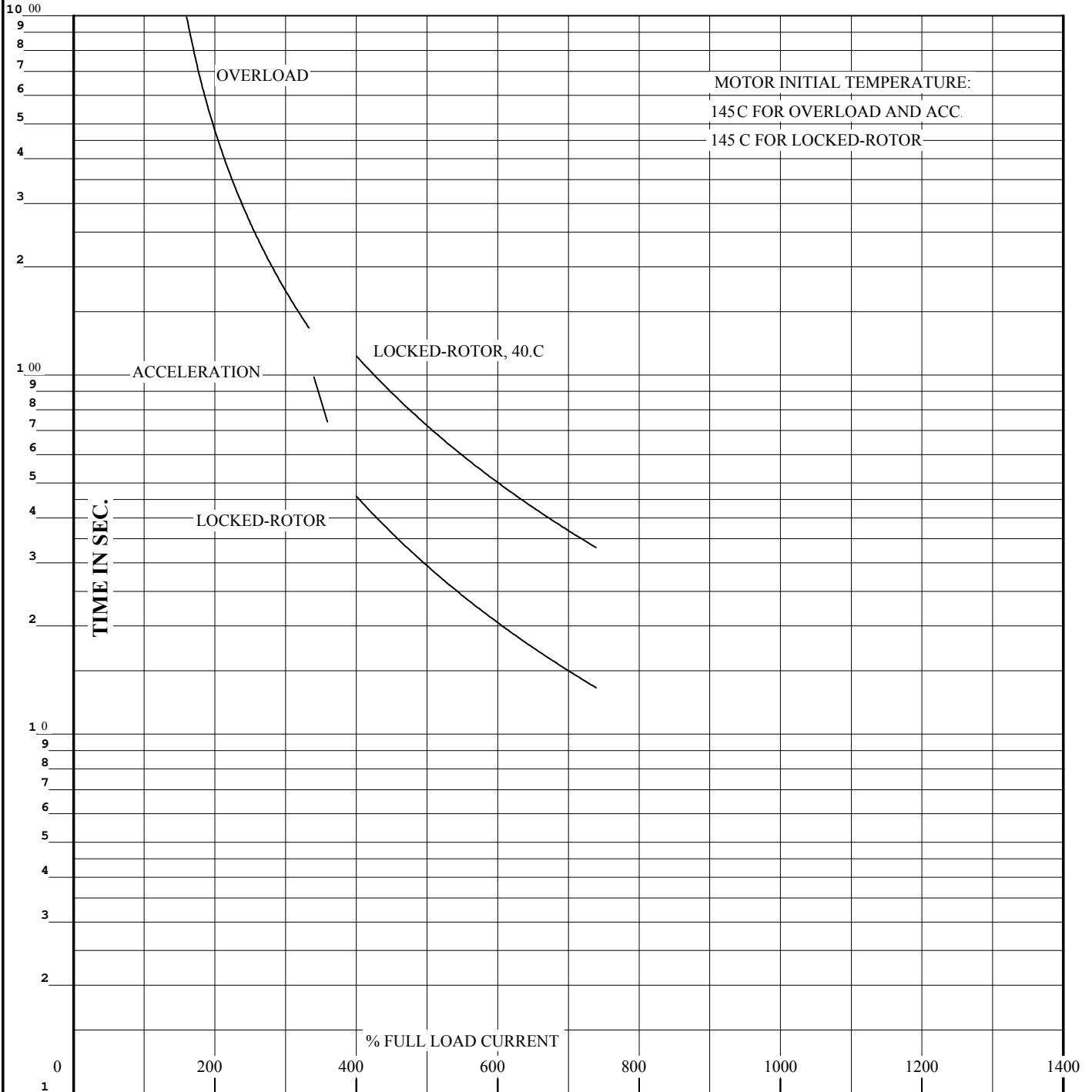
A-C MOTOR PERFORMANCE CURVES
 A44WG4563-R002
 ISSUE DATE 12/22/20

REL. S.O.
 FRAME 449TS
 HP 300
 TYPE P
 PHASE/HERTZ 3/60

RPM 3570
 VOLTS 460
 AMPS 324
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 833407

ROTOR 418143-015-YE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C. 00875
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: XE MOTOR CALCULATED DATA
 NEMA NOM EFF 95.8 PCT.

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



DR. BY G. R. WEBB
 CK. BY W. L. SMITH
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A-C MOTOR PERFORMANCE CURVES
 A44WG4563-R002
 ISSUE DATE 12/22/20