

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449TS	250	P	3/60	3570	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
268	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
433537	418143-13-NE	---	---	.00996		

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	52.6	3600	8.53	0
1/4	62.5	82.6	3593	76.7	92.4
2/4	125	138	3587	89.3	95.3
3/4	188	200	3580	91.4	95.9
4/4	250	268	3572	91.0	95.9
5/4	312	337	3564	90.8	95.7

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	191	702	1651
PULL UP	2550	169	620	1371
BREAKDOWN	3472	227	835	831
FULL LOAD	3572	100	368	268

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 NOM EFF = 95.8 PCT.



DR. BY W. L. SMITH
CK. BY J. J. HARRISON
APP. BY W. L. SMITH
DATE 07/26/07

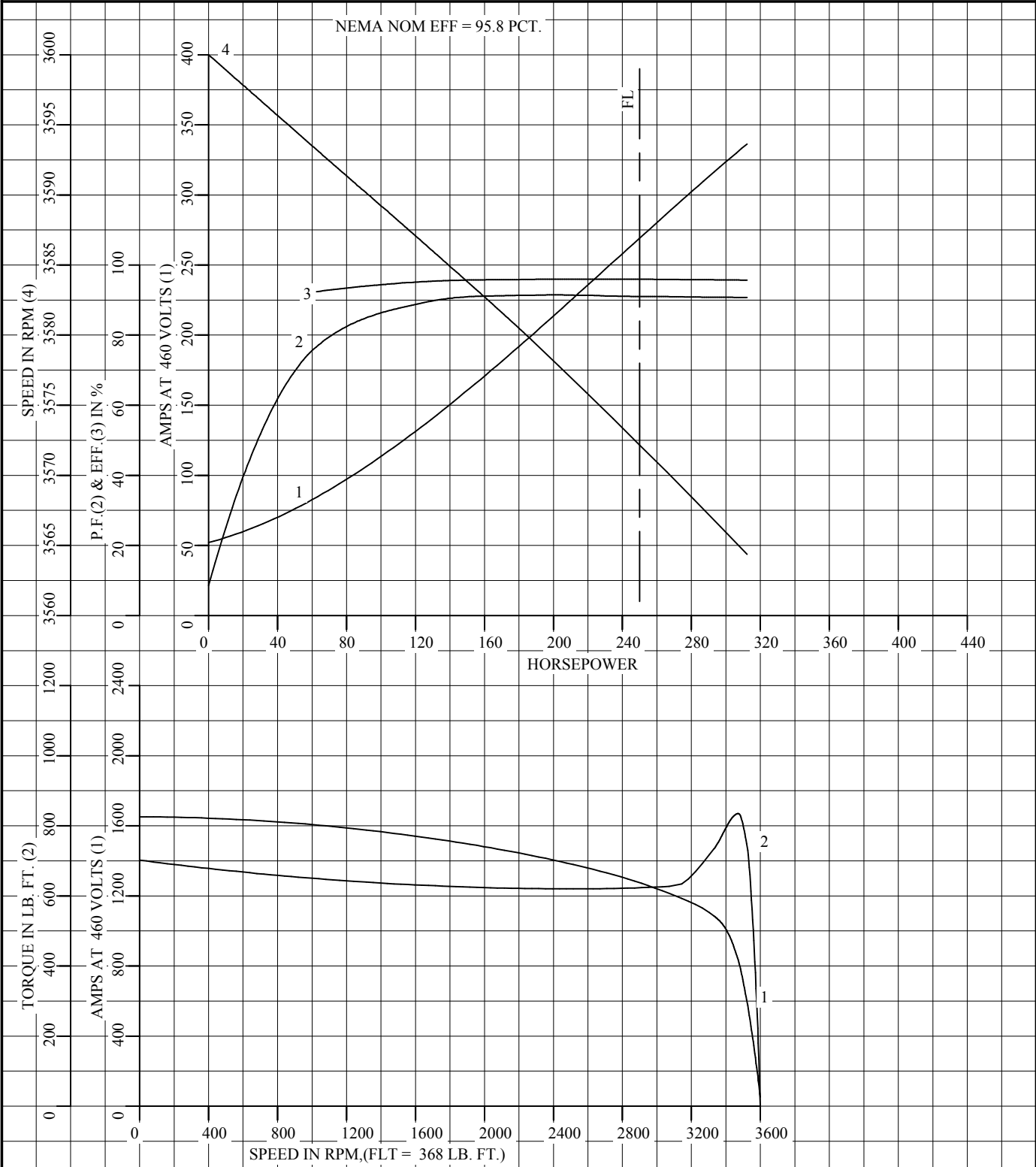
**A-C MOTOR
PERFORMANCE A44WG2749-R006
DATA** ISSUE DATE 09/22/17

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

RPM 3570
 VOLTS 460
 AMPS 268
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE TEFC
 E/S 433537

ROTOR 418143-13-NE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .00996
 OHMS (BETWEEN LINES)



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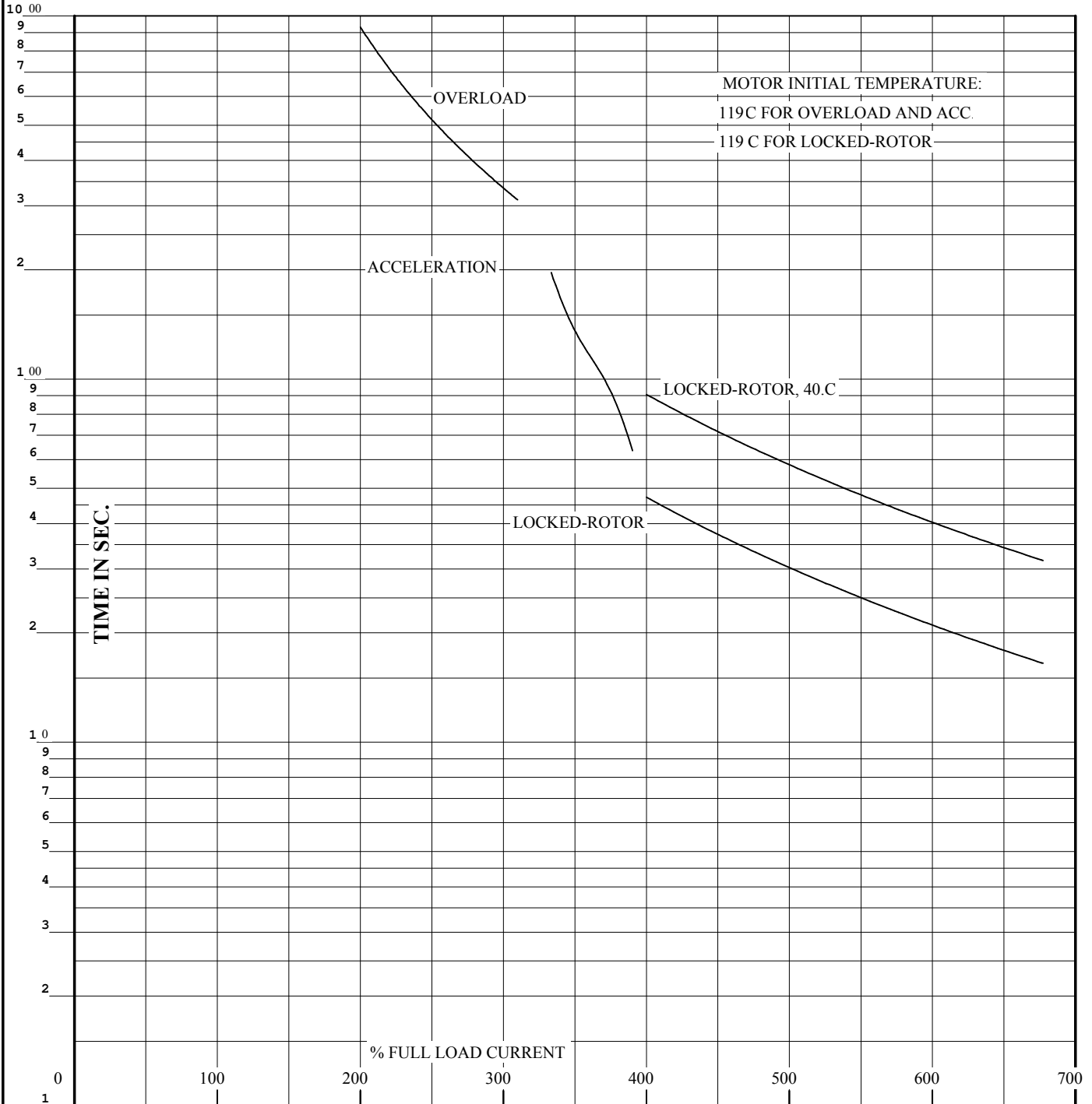
A-C MOTOR PERFORMANCE CURVES
 A44WG2749-R006
 ISSUE DATE 09/22/17

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

RPM 3570
 VOLTS 460
 AMPS 268
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE TEFC
 E/S 433537

ROTOR 418143-13-NE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C. 00996
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: NEMA NOM EFF = 95.8 PCT.

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