


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	300	P	3/60	1785	575
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
267	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @ 25 °C OHMS (BETWEEN LINES)		
---	418143052ZEQ	---	---	.0153		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	77.9	1800	4.36	0	
1/4	75.0	101	1796	59.2	93.8	
2/4	150	148	1792	79.4	96.0	
3/4	225	205	1788	85.4	96.3	
4/4	300	267	1783	87.5	96.2	
5/4	375	332	1779	88.4	95.8	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	166	1469	1753	
PULL UP		1200	139	1232	1401	
BREAKDOWN		1723	277	2449	928	
FULL LOAD		1783	100	884	267	
<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%</p>						
		DR. BY C.E. JAMISON		A-C MOTOR PERFORMANCE A44WG5582-R001 DATA ISSUE DATE 06/19/18		
		CK. BY W.L. SMITH				
		APP. BY C.E. JAMISON				
		DATE 08/22/17				

REL S.O.

FRAME 449T

HP 300

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 575

AMPS 267

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S ---

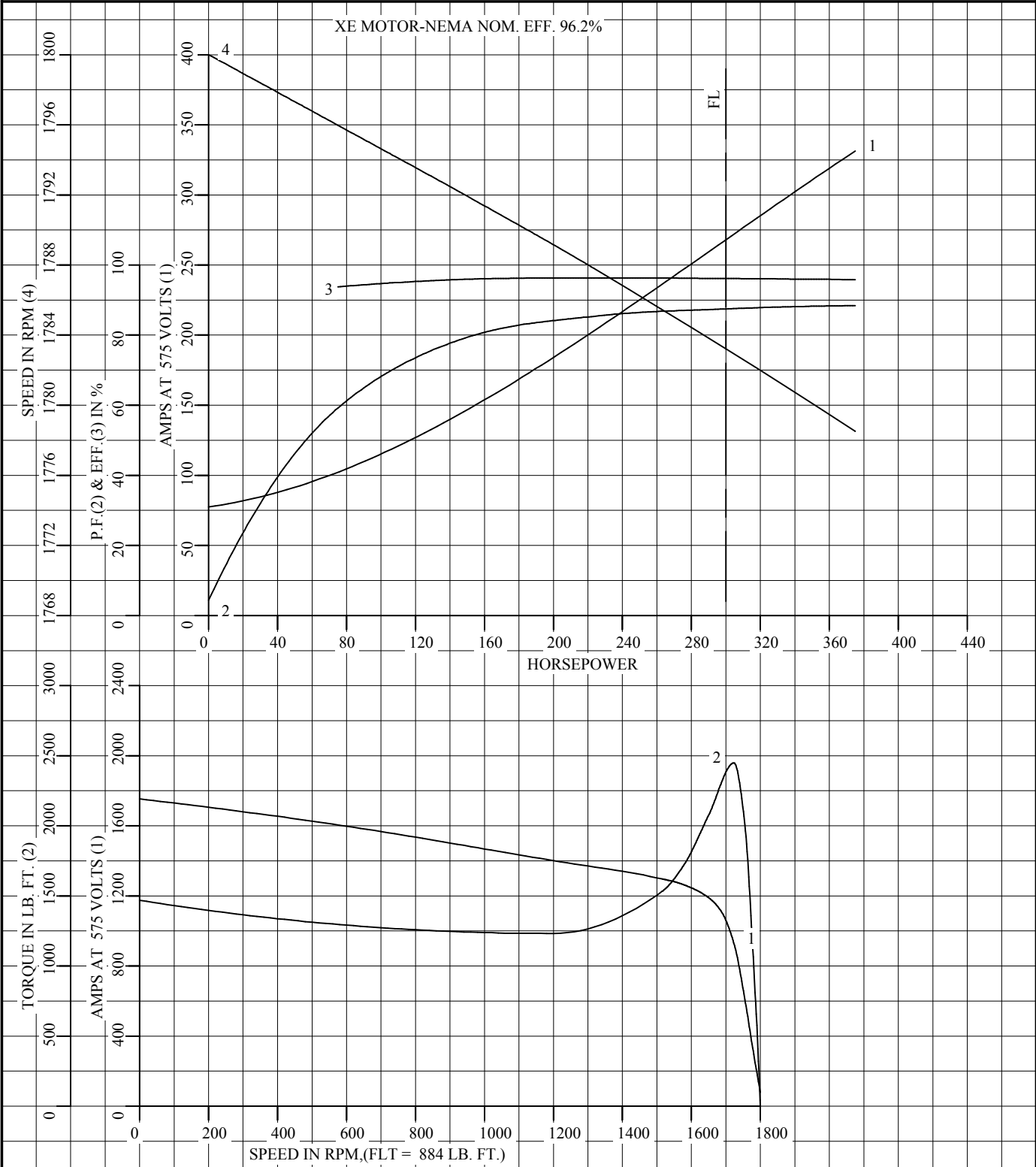
ROTOR 418143052ZEQ

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0153

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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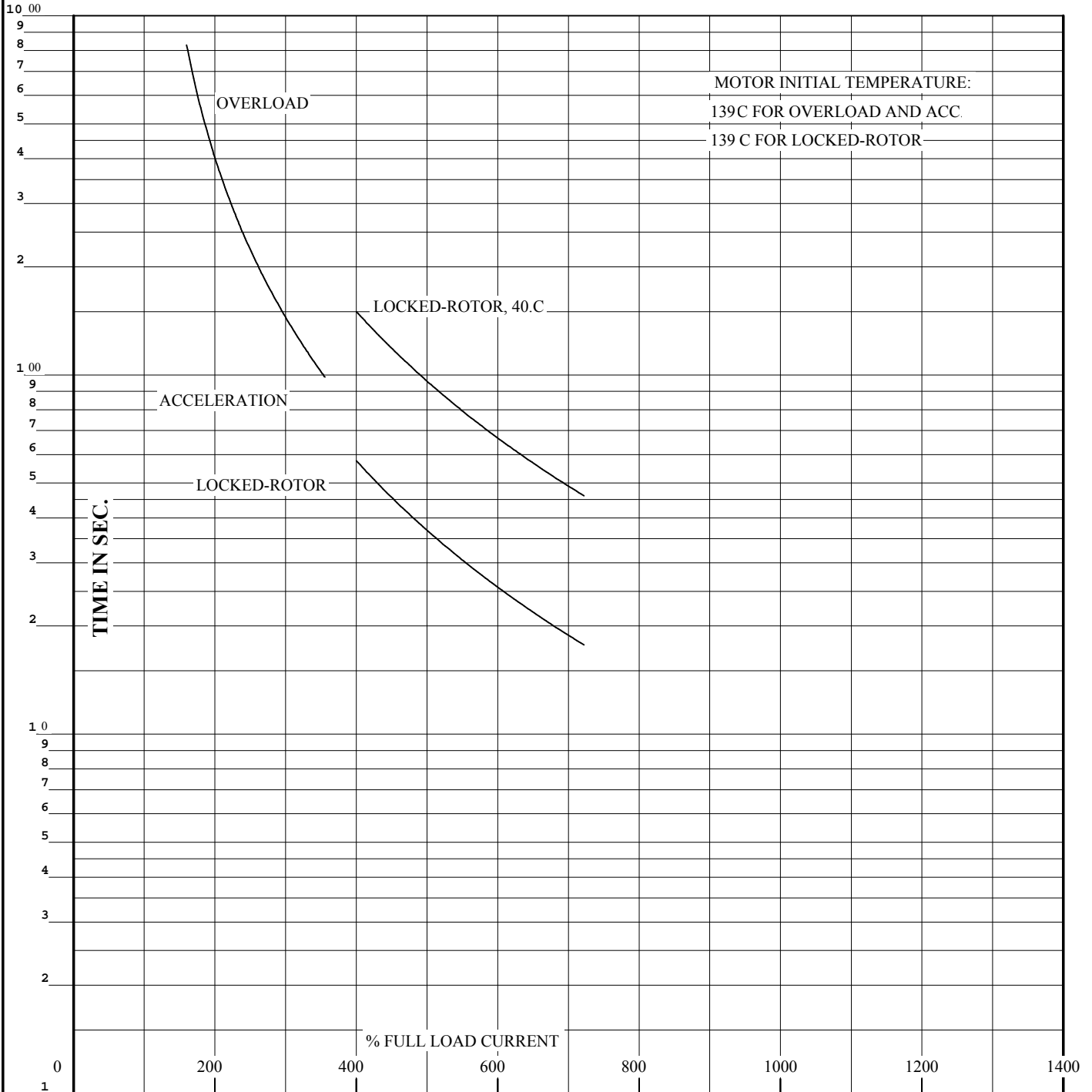
A-C MOTOR PERFORMANCE CURVES
A44WG5582-R001
 ISSUE DATE 06/19/18

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

RPM 1785
 VOLTS 575
 AMPS 267
 DUTY CONT
 AMB °C/INSUL 40/F

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

ROTOR 418143052ZEQ
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES.@ 25 °C.0153
 OHMS (BETWEEN LINES)



MOTOR INITIAL TEMPERATURE:
 139C FOR OVERLOAD AND ACC.
 139 C FOR LOCKED-ROTOR

THERMAL LIMIT CURVE

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

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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A44WG5582-R001
 ISSUE DATE 06/19/18