

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	300	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
334	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
445202	418143059AE	---	---	.00968		

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	99.3	1800	4.08	0
1/4	75.0	128	1796	58.4	94.0
2/4	150	185	1793	78.8	96.1
3/4	225	257	1789	85.1	96.4
4/4	300	334	1785	87.3	96.2
5/4	375	415	1780	88.4	95.8

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	169	1491	2200
PULL UP	1200	142	1252	1784
BREAKDOWN	1725	281	2482	1180
FULL LOAD	1785	100	882	334

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

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



DR. BY J.P. TSAO
CK. BY C.E. JAMISON
APP. BY W.L. SMITH
DATE 09/08/18

**A-C MOTOR
PERFORMANCE A44WG5202-R014
DATA** ISSUE DATE 04/21/21

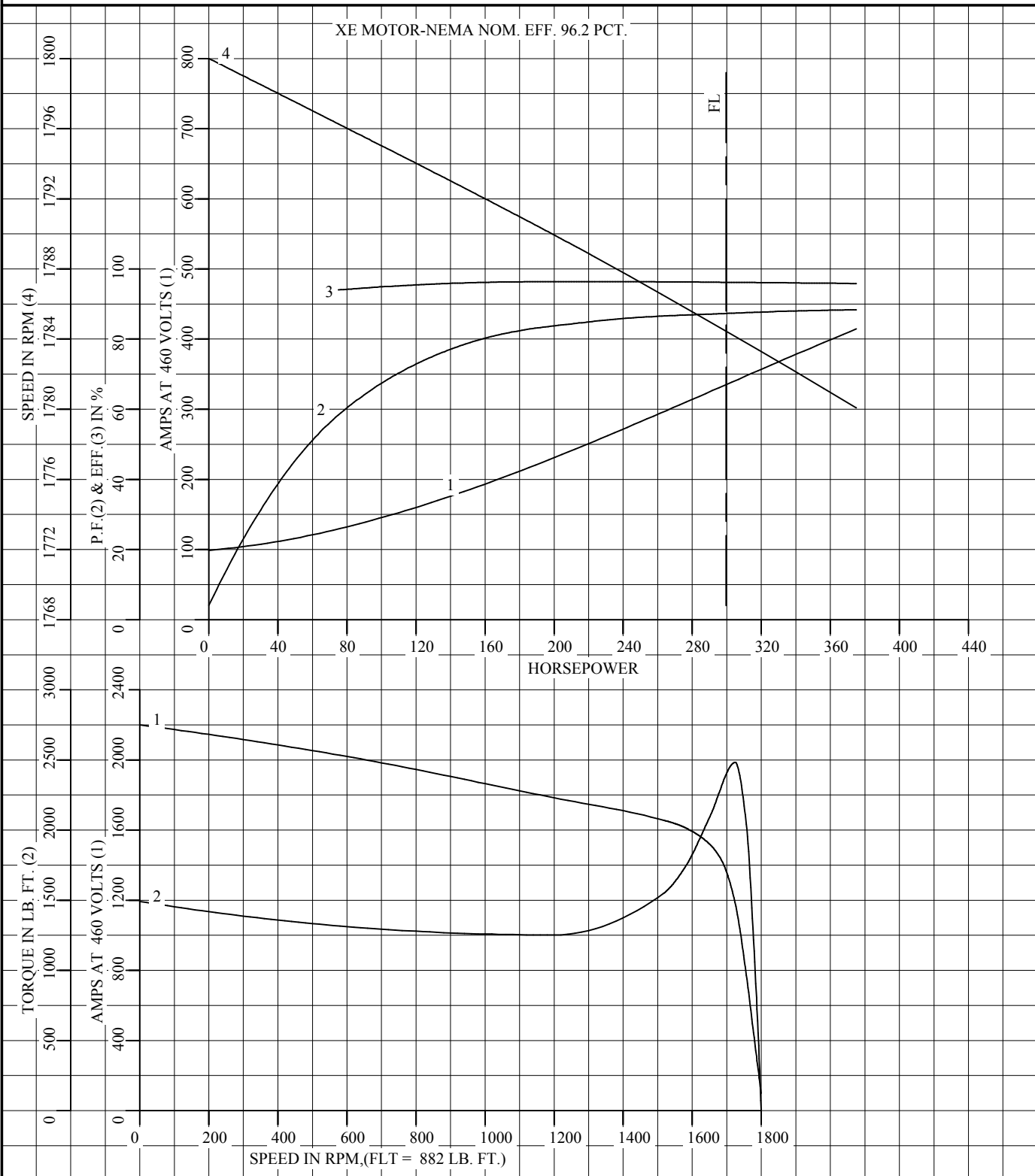
REL S.O.
 FRAME 449T
 HP 300
 TYPE P
 PHASE/HERTZ 3/60

RPM 1785
 VOLTS 460
 AMPS 334
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 445202

ROTOR 418143059AE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .00968
 OHMS (BETWEEN LINES)

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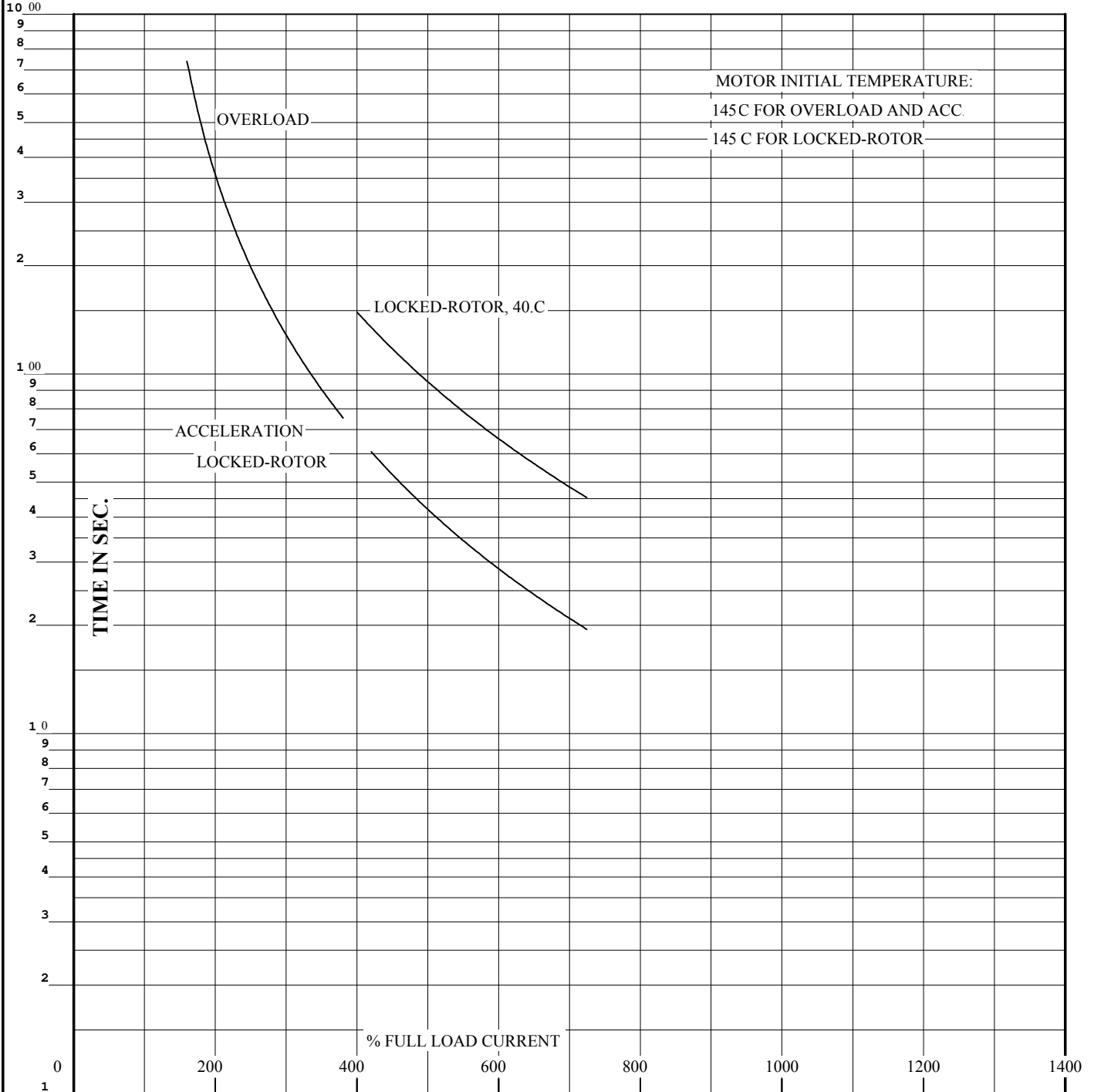
A-C MOTOR
 PERFORMANCE A44WG5202-R014
 CURVES ISSUE DATE 04/21/21

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

RPM 1785
 VOLTS 460
 AMPS 334
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 AMB °C/INSUL 40/F

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THERMAL LIMIT CURVE

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