

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TZ	75	P	3/60	1185	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
174/87	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
496234	418142-71-EE	---	---	.0215/.0860		

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	31.0	1200	4.76	0
1/4	18.8	37.3	1197	51.5	91.5
2/4	37.5	50.8	1193	73.2	94.4
3/4	56.2	67.8	1190	81.8	94.9
4/4	75.0	87.0	1186	85.3	94.6
5/4	93.8	108	1182	86.4	94.1

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	166	552	537
PULL UP	400	158	524	506
BREAKDOWN	1128	243	808	302
FULL LOAD	1186	100	332	87.0

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-TYPICAL DATA-NEMA NOM EFF 94.5 PCT
 GUARANTEED MIN EFF. 93.6 PCT



DR. BY C.E. JAMISON
 CK. BY W.L. SMITH
 APP. BY C.E. JAMISON
 DATE 11/04/16

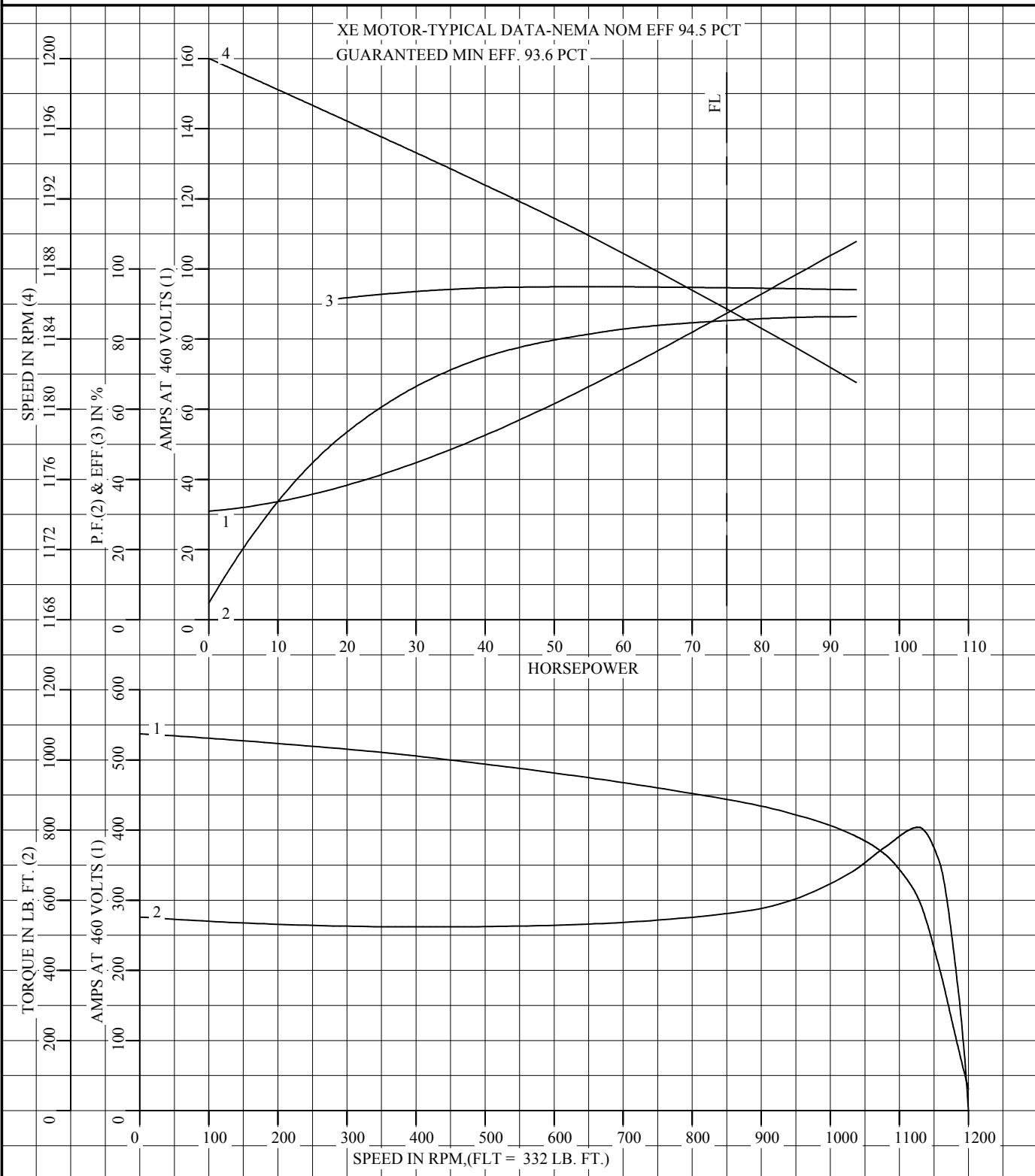
**A-C MOTOR
 PERFORMANCE A40WG0770-R015
 DATA** ISSUE DATE 03/29/21

REL S.O.
 FRAME 405TZ
 HP 75
 TYPE P
 PHASE/HERTZ 3/60

RPM 1185
 VOLTS 230/460
 AMPS 174/87
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 496234

ROTOR 418142-71-EE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0215/.0860
 OHMS (BETWEEN LINES)



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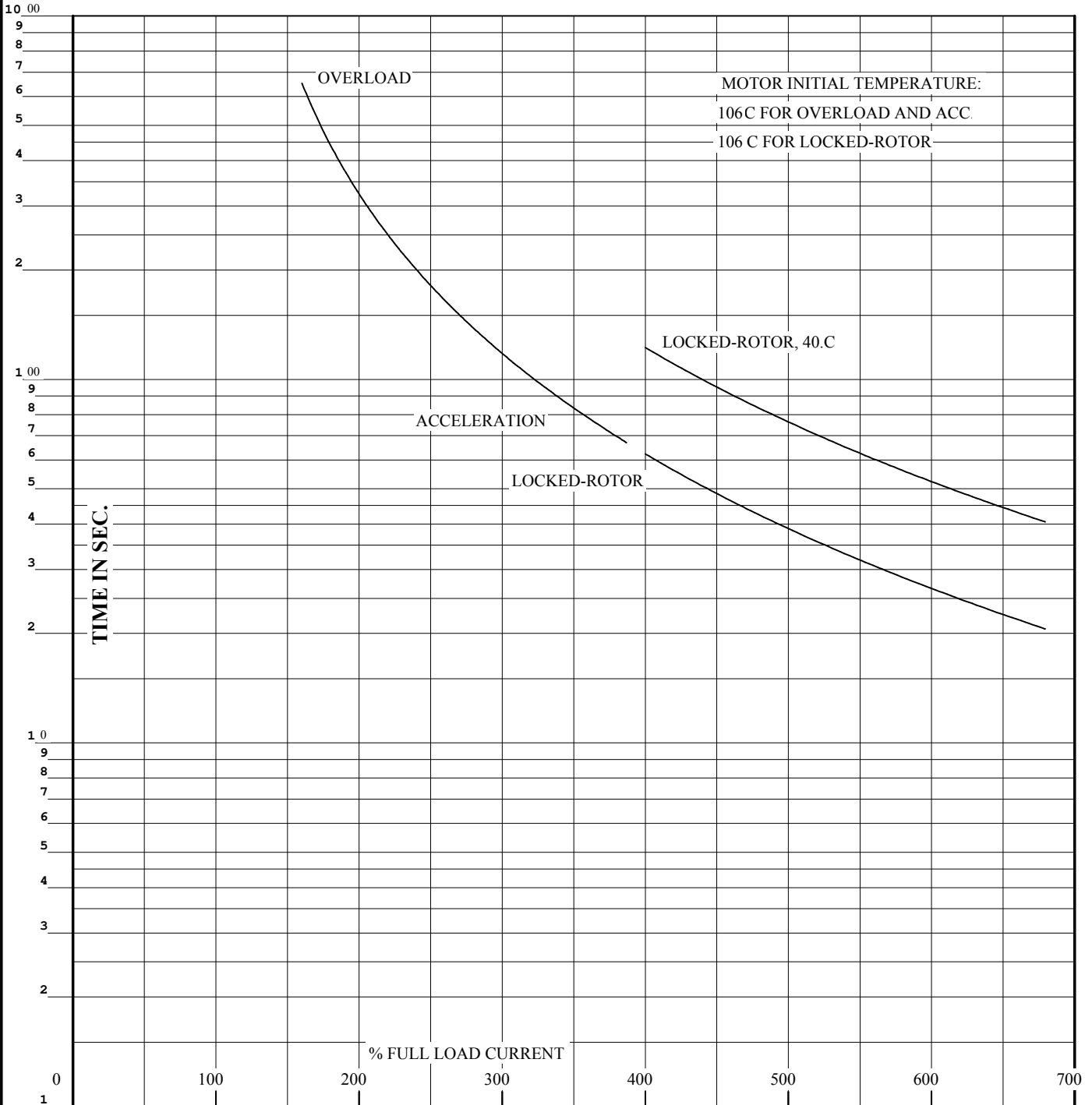
A-C MOTOR PERFORMANCE CURVES
A40WG0770-R015
 ISSUE DATE 03/29/21

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ROTOR 418142-71-EE
 TEST S.O. TYPICAL DATA
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 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

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