

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405HP	100	P	3/60	1785	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
224/112	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596956	418142-33-RE	---	---	.0123/.0492		

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	28.6	1800	5.49	0
1/4	25.0	39.2	1796	64.3	93.0
2/4	50.0	59.5	1792	82.5	95.4
3/4	75.0	84.6	1788	86.7	95.7
4/4	100	112	1783	87.4	95.4
5/4	125	141	1778	87.3	94.9

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	151	445	725
PULL UP	360	136	400	706
BREAKDOWN	1721	250	735	382
FULL LOAD	1783	100	295	112

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-DATA-NEMA NOM. EFF. 95.4 PCT
 GUARANTEED MIN EFF. 94.5 PCT



DR. BY G. R. WEBB
 CK. BY W. L. SMITH
 APP. BY W. L. SMITH
 DATE 01/19/12

**A-C MOTOR
 PERFORMANCE A40WG0692-R004
 DATA** ISSUE DATE 08/06/20

REL S.O.

FRAME 405HP

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 230/460

AMPS 224/112

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S 596956

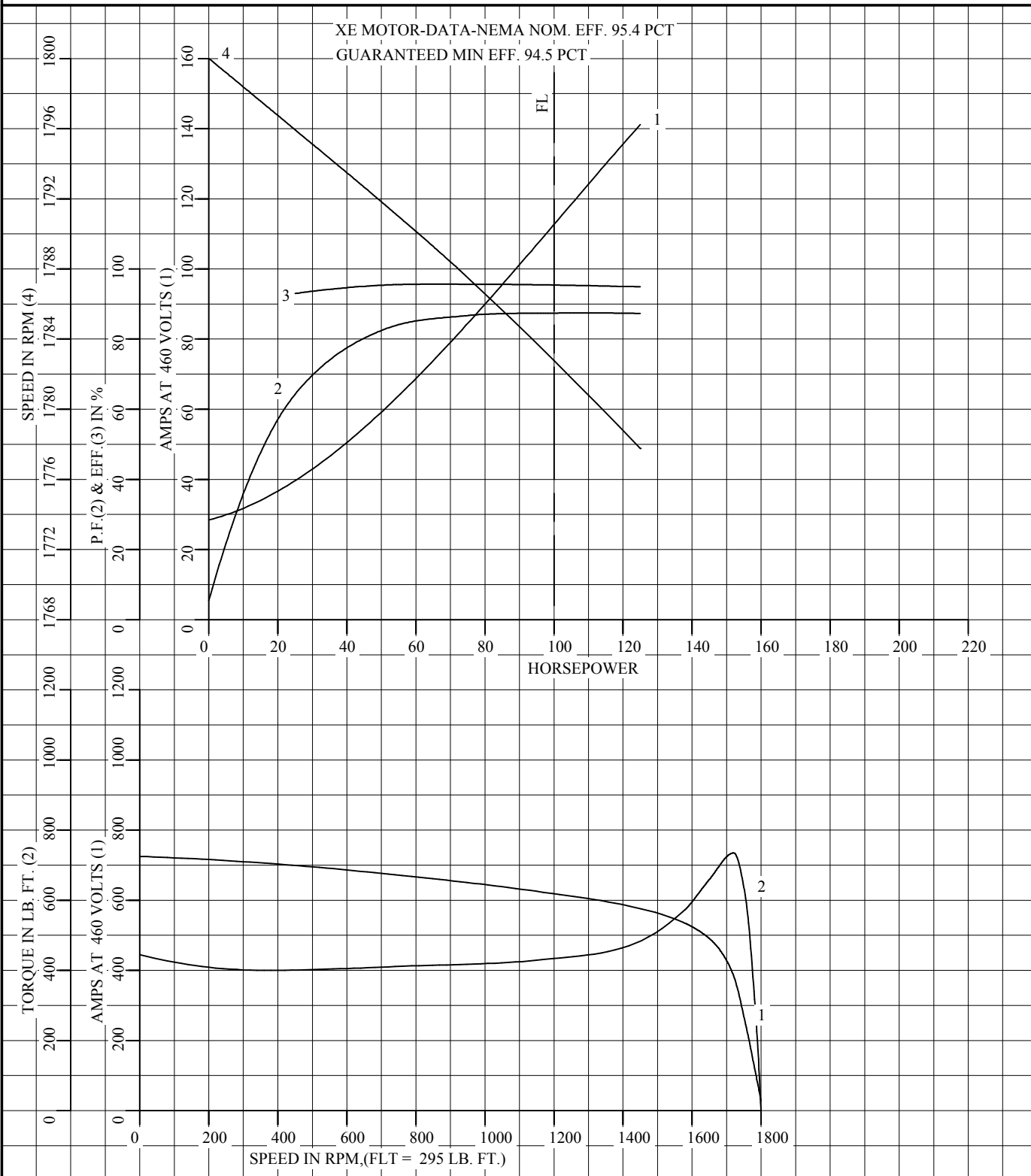
ROTOR 418142-33-RE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0123/.0492

OHMS (BETWEEN LINES)



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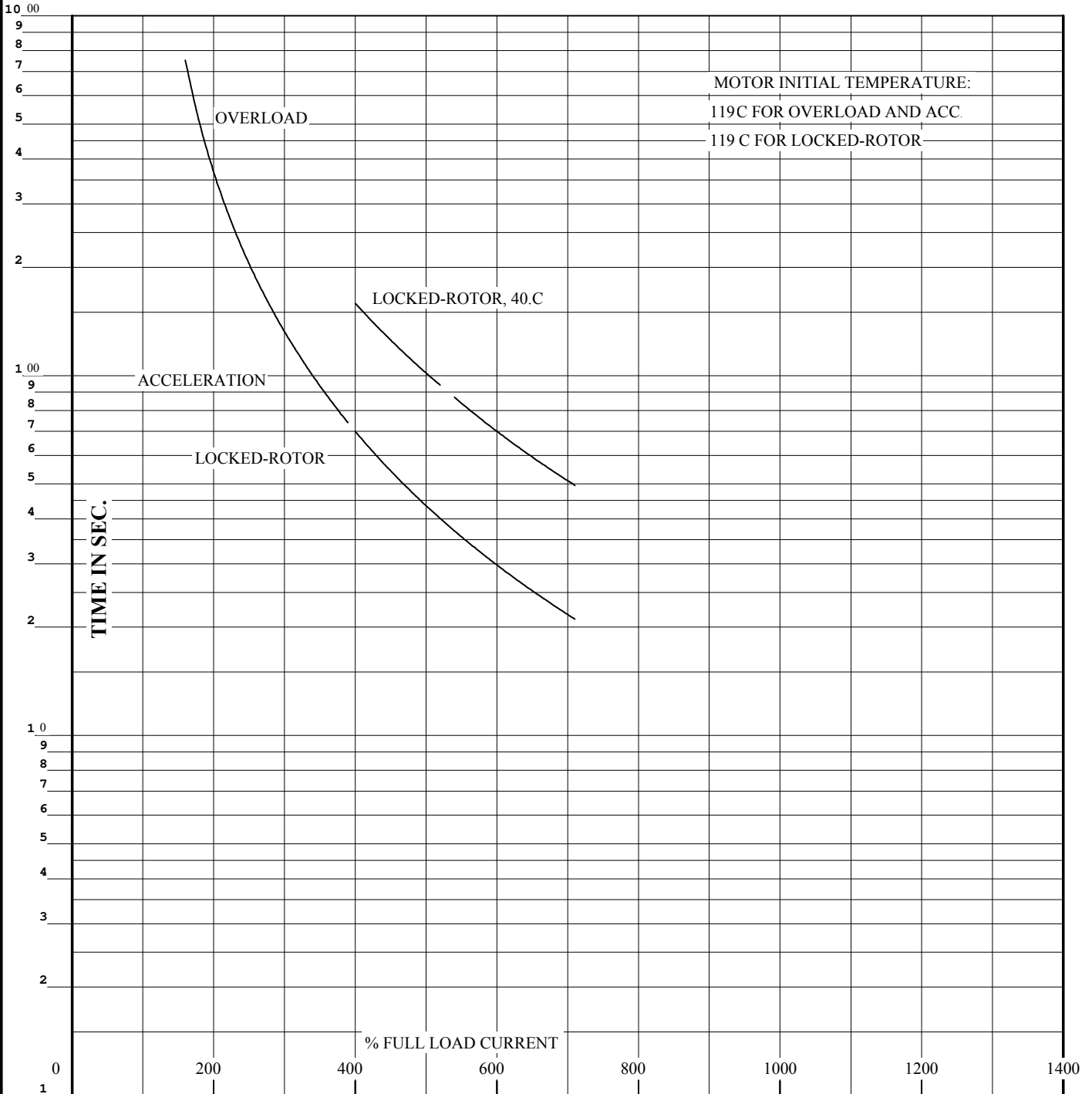
**A-C MOTOR
 PERFORMANCE CURVES** A40WG0692-R004
 ISSUE DATE 08/06/20

REL. S.O.
 FRAME 405HP
 HP 100
 TYPE P
 PHASE/HERTZ 3/60

RPM 1785
 VOLTS 230/460
 AMPS 224/112
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 596956

ROTOR 418142-33-RE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0123/.0492
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

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