

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TSC	100	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
112	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596909	418142-33-RE	---	---	.0492		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	28.7	1800	5.48	0	
1/4	25.0	39.2	1796	64.3	93.0	
2/4	50.0	59.4	1792	82.6	95.4	
3/4	75.0	84.4	1788	86.9	95.7	
4/4	100	112	1783	87.6	95.4	
5/4	125	141	1778	87.4	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 NEMA NOM. EFF. 95.4 PCT GURANTEED MIN EFF. 94.5 PCT						
		DR. BY B.R. PENDLEY		A-C MOTOR PERFORMANCE A40WG0664-R006 DATA ISSUE DATE 07/30/19		
		CK. BY W.L. SMITH				
		APP. BY W.L. SMITH				
		DATE 12/15/10				

REL S.O.

FRAME 405TSC

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 460

AMPS 112

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S 596909

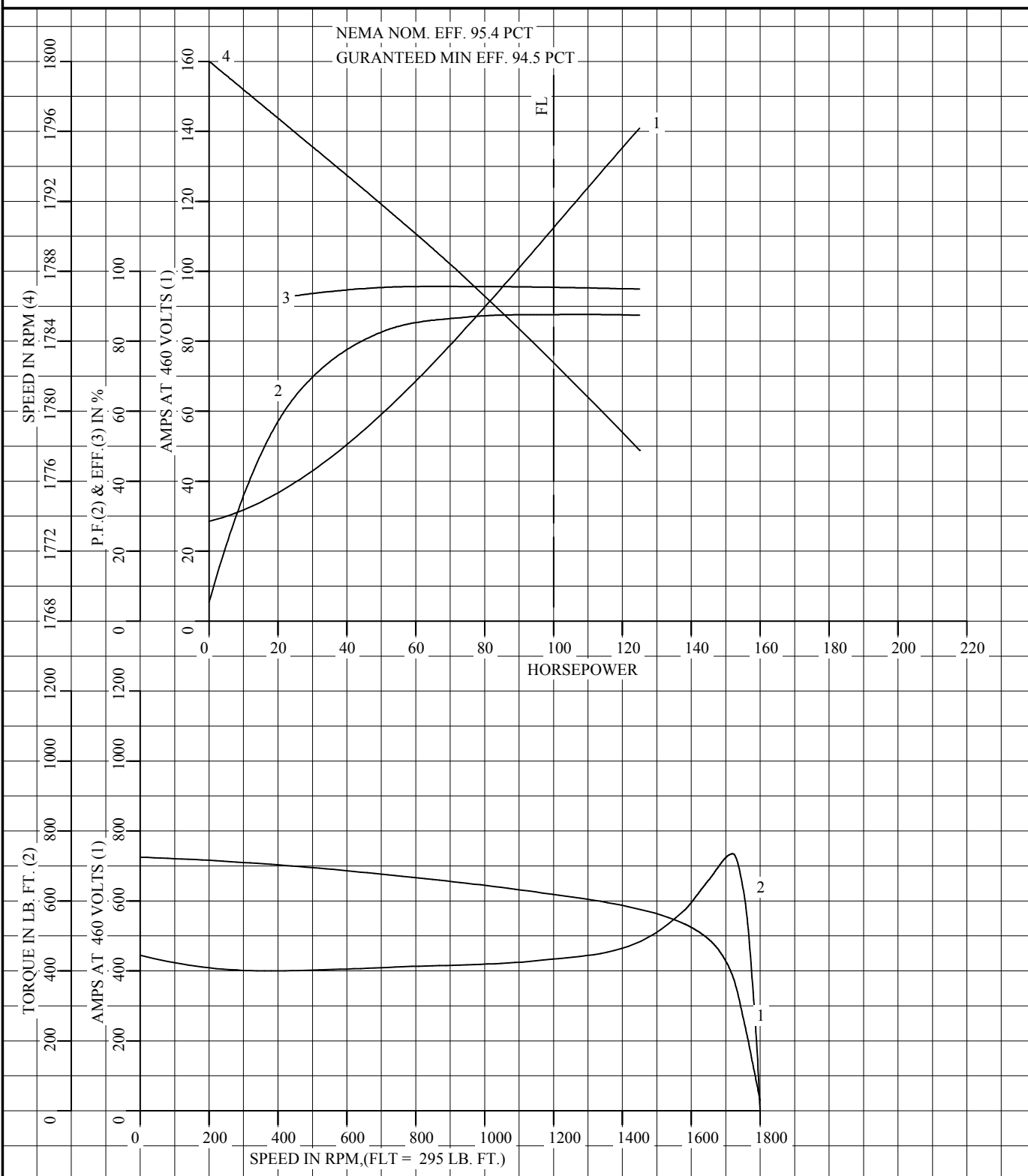
ROTOR 418142-33-RE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0492

OHMS (BETWEEN LINES)



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

BALDOR
A MEMBER OF THE ABB GROUP

DR. BY B.R. PENDLEY
CK. BY W.L. SMITH
APP. BY W.L. SMITH
DATE 12/15/10

**A-C MOTOR
PERFORMANCE
CURVES**

A40WG0664-R006
ISSUE DATE 07/30/19

REL. S.O.

FRAME 405TSC

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 460

AMPS 112

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S 596909

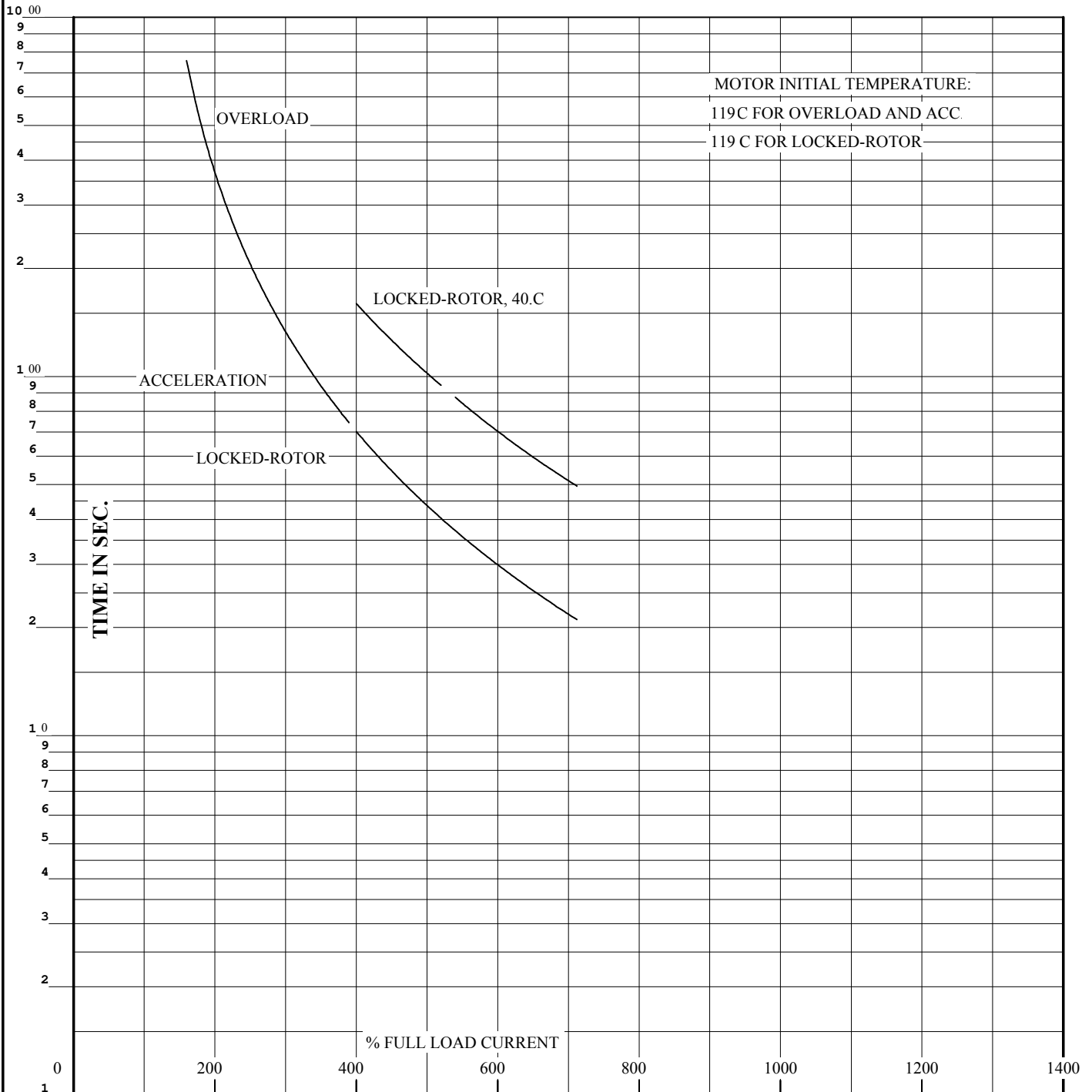
ROTOR 418142-33-RE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C. 0.0492

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

NEMA NOM. EFF. 95.4 PCT

GURANTEED MIN EFF. 94.5 PCT

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A40WG0664-R006
ISSUE DATE 07/30/19