


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS	
	405TCZ	100	P	3/60	3560	575	
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.	
88.1	CONT	40/F	1.15	B	F	TEFC	
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)			
596933	418142005PE	---	---	.0831			
PERFORMANCE							
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY		
NO LOAD	0	20.2	3600	8.50	0		
1/4	25.0	29.2	3590	70.7	90.9		
2/4	50.0	46.2	3581	86.3	94.0		
3/4	75.0	66.3	3571	89.6	94.6		
4/4	100	88.1	3560	90.0	94.4		
5/4	125	110	3548	90.2	93.9		
SPEED TORQUE							
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR		0	202	298	543		
PULL UP		1545	181	267	494		
BREAKDOWN		3398	250	369	306		
FULL LOAD		3560	100	148	88.1		
<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 NEMA NOM. EFF. 94.1 % GUARANTEED MIN. EFF. 93.0%</p>							
		DR. BY	G. R. WEBB		A-C MOTOR PERFORMANCE A40WG1108-R014 DATA		
		CK. BY	R. K. BRIDGES				
APP. BY	E. J. CHRISTIAN		ISSUE DATE	03/09/21			
DATE	06/20/14						

REL S.O.

FRAME 405TCZ

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 3560

VOLTS 575

AMPS 88.1

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE TEFC

E/S 596933

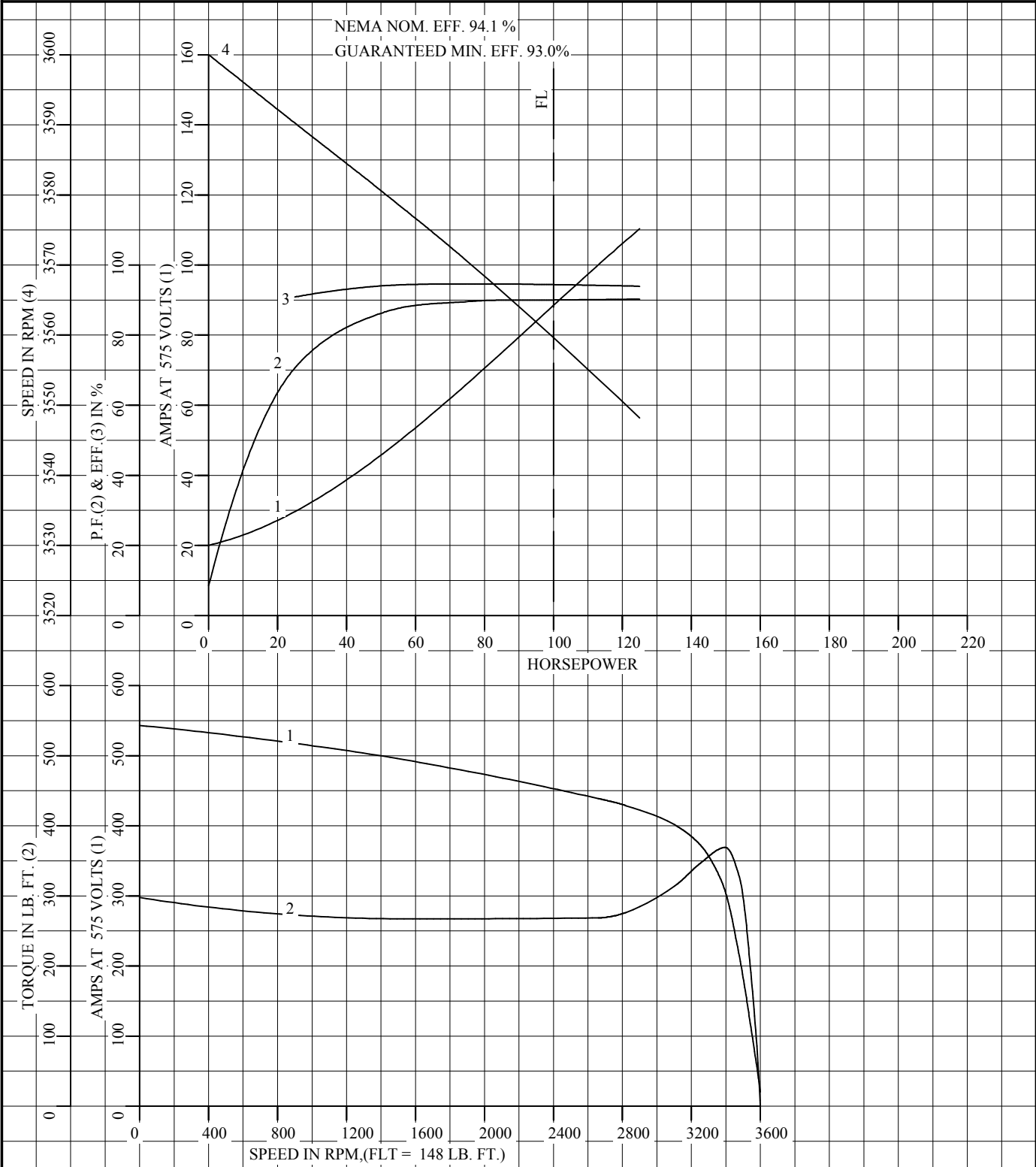
ROTOR 418142005PE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0831

OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 575 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY G. R. WEBB
 CK. BY R. K. BRIDGES
 APP. BY E.J. CHRISTIAN
 DATE 06/20/14

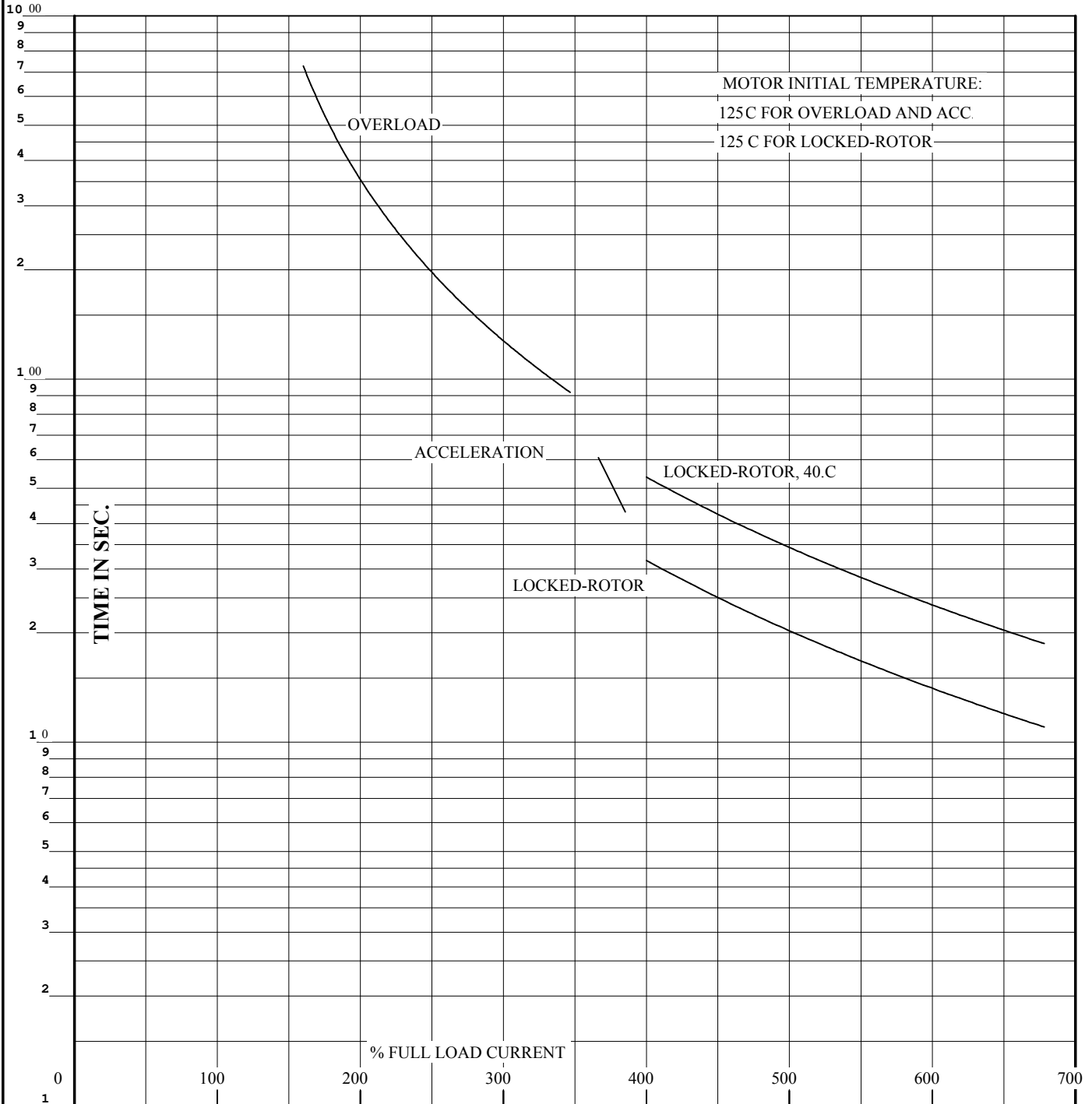
A-C MOTOR PERFORMANCE CURVES
A40WG1108-R014
 ISSUE DATE 03/09/21

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

RPM 3560
 VOLTS 575
 AMPS 88.1
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE TEFC
 E/S 596933

ROTOR 418142005PE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C. 0831
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: NEMA NOM. EFF. 94.1 %
 GUARANTEED MIN. EFF. 93.0%

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