

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405T	100	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
115	CONT	40/F	1.25	A	H	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596166	418142034ZE	---	---	.0366		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	33.5	1800	5.30	0	
1/4	25.0	48.9	1796	52.0	92.2	
2/4	50.0	67.4	1792	73.2	95.0	
3/4	75.0	90.1	1788	81.6	95.5	
4/4	100	115	1783	85.1	95.4	
5/4	125	142	1778	86.4	95.1	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	249	732	853	
PULL UP		1260	206	608	678	
BREAKDOWN		1716	297	875	462	
FULL LOAD		1783	100	295	115	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA						
 A MEMBER OF THE ABB GROUP		DR. BY W. L. SMITH		A-C MOTOR PERFORMANCE DATA A40WG0454-R002 ISSUE DATE 02/19/21		
		CK. BY J. J. HARRISON				
		APP. BY W. L. SMITH				
		DATE 06/09/10				

REL S.O.

FRAME 405T

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 460

AMPS 115

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.25

NEMA DESIGN A

CODE LETTER H

ENCLOSURE TEFC

E/S 596166

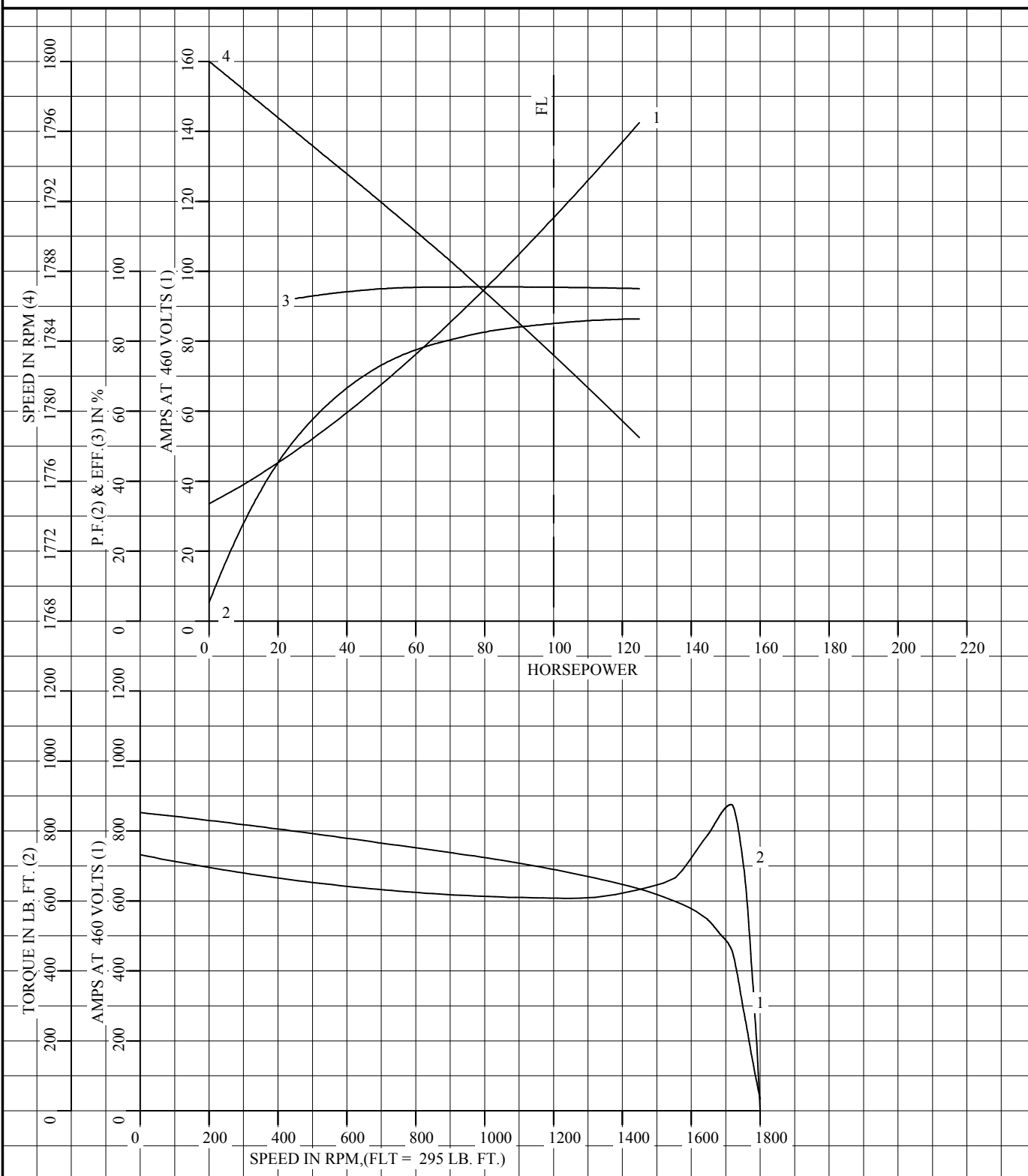
ROTOR 418142034ZE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0366

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 W. L. SMITH
CK. BY J. J. HARRISON
APP. BY W. L. SMITH
DATE 06/09/10

**A-C MOTOR
PERFORMANCE
CURVES**

A40WG0454-R002
ISSUE DATE 02/19/21

REL. S.O.

FRAME 405T

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 460

AMPS 115

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.25

NEMA DESIGN A

CODE LETTER H

ENCLOSURE TEFC

E/S 596166

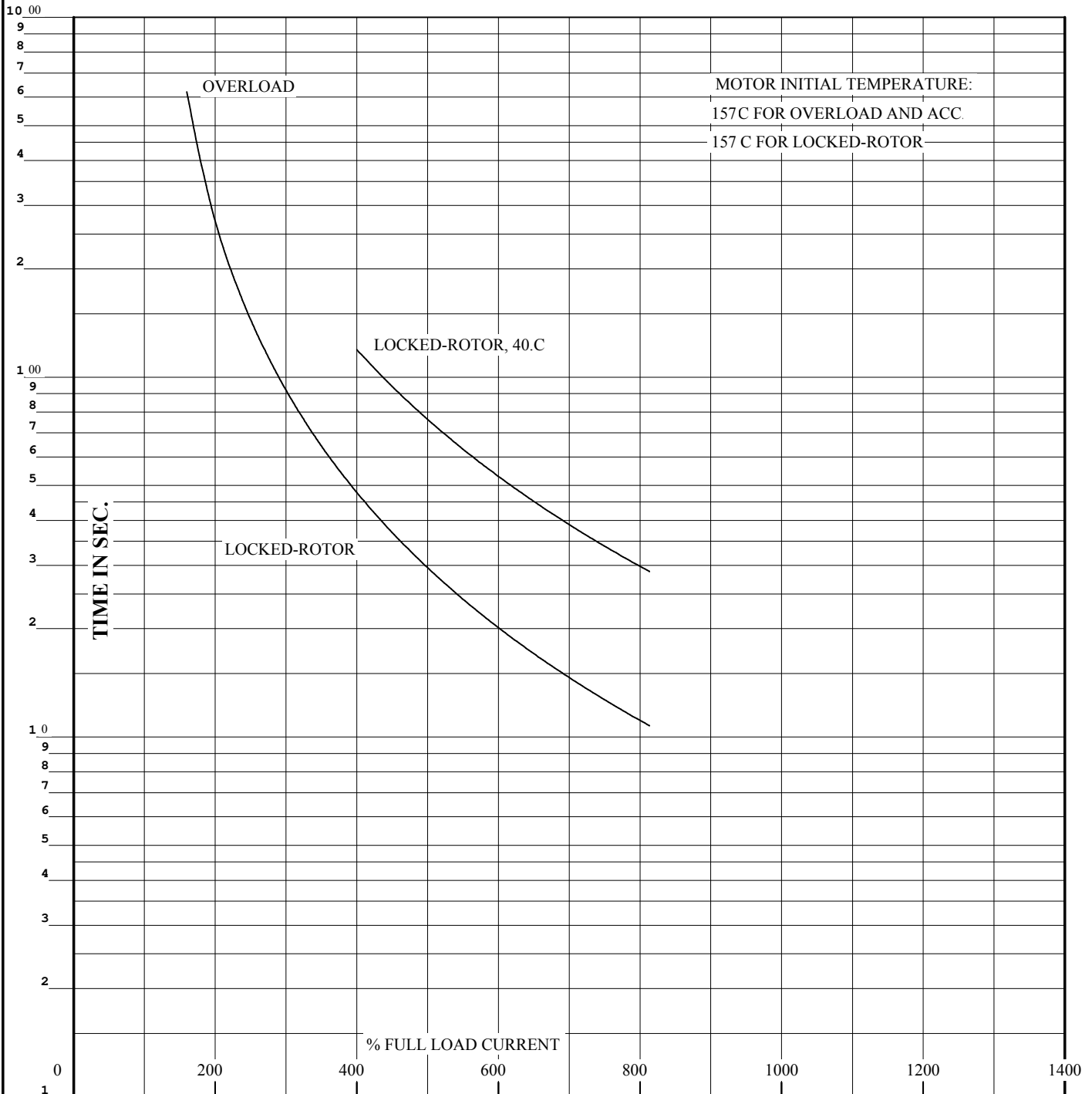
ROTOR 418142034ZE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C. 0.0366

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

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AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

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