

REL. S.O.

FRAME 444T

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 1190

VOLTS 460

AMPS 119

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.25

NEMA DESIGN A

CODE LETTER H

ENCLOSURE TEFC

E/S 497773

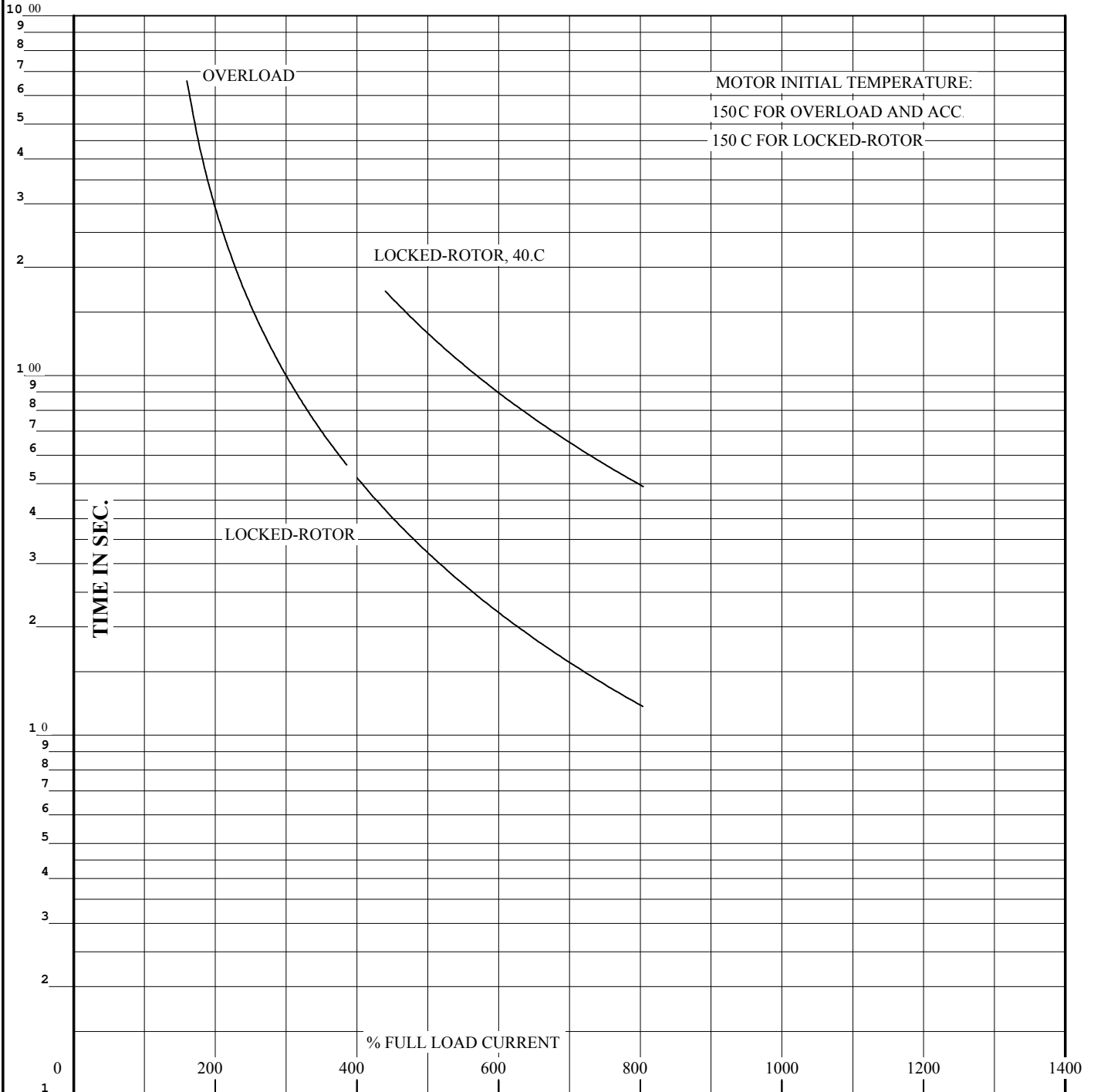
ROTOR 418143098RE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C. 0.0434

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

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 06/29/10

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG1491-R002
ISSUE DATE 12/18/10

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	444T	100	P	3/60	1190	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
119	CONT	40/F	1.25	A	H	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
497773	418143098RE	---	---	.0434		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	34.5	1200	5.37	0	
1/4	25.0	54.7	1197	46.7	91.7	
2/4	50.0	71.9	1194	68.8	94.6	
3/4	75.0	93.8	1191	78.6	95.2	
4/4	100	119	1188	82.9	95.1	
5/4	125	146	1185	84.8	94.6	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	226	998	868	
PULL UP		840	223	988	625	
BREAKDOWN		1143	273	1207	458	
FULL LOAD		1188	100	442	119	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA						
		DR. BY W. L. SMITH CK. BY J. J. HARRISON APP. BY W. L. SMITH DATE 06/29/10		A-C MOTOR PERFORMANCE DATA A44WG1491-R002 ISSUE DATE 12/18/10		

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E/S 497773

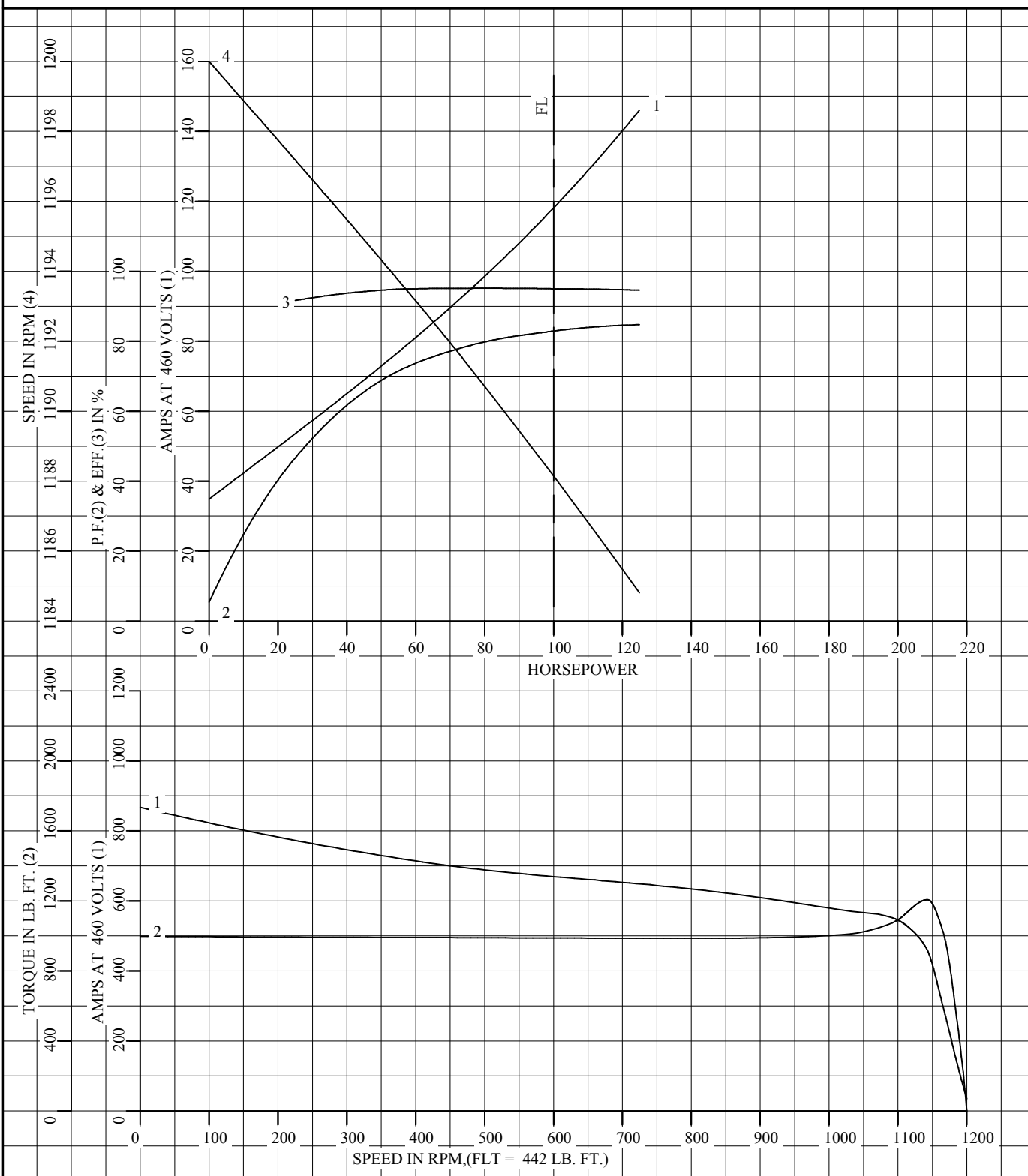
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STATOR RES. @ 25 °C .0434

OHMS (BETWEEN LINES)



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