

REL. S.O.

FRAME 447TS

HP 350

TYPE P

PHASE/HERTZ 3/60

RPM 3560

VOLTS 460

AMPS 381

DUTY CONT

AMB °C/INSUL 40/B

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE ODP

E/S 433582

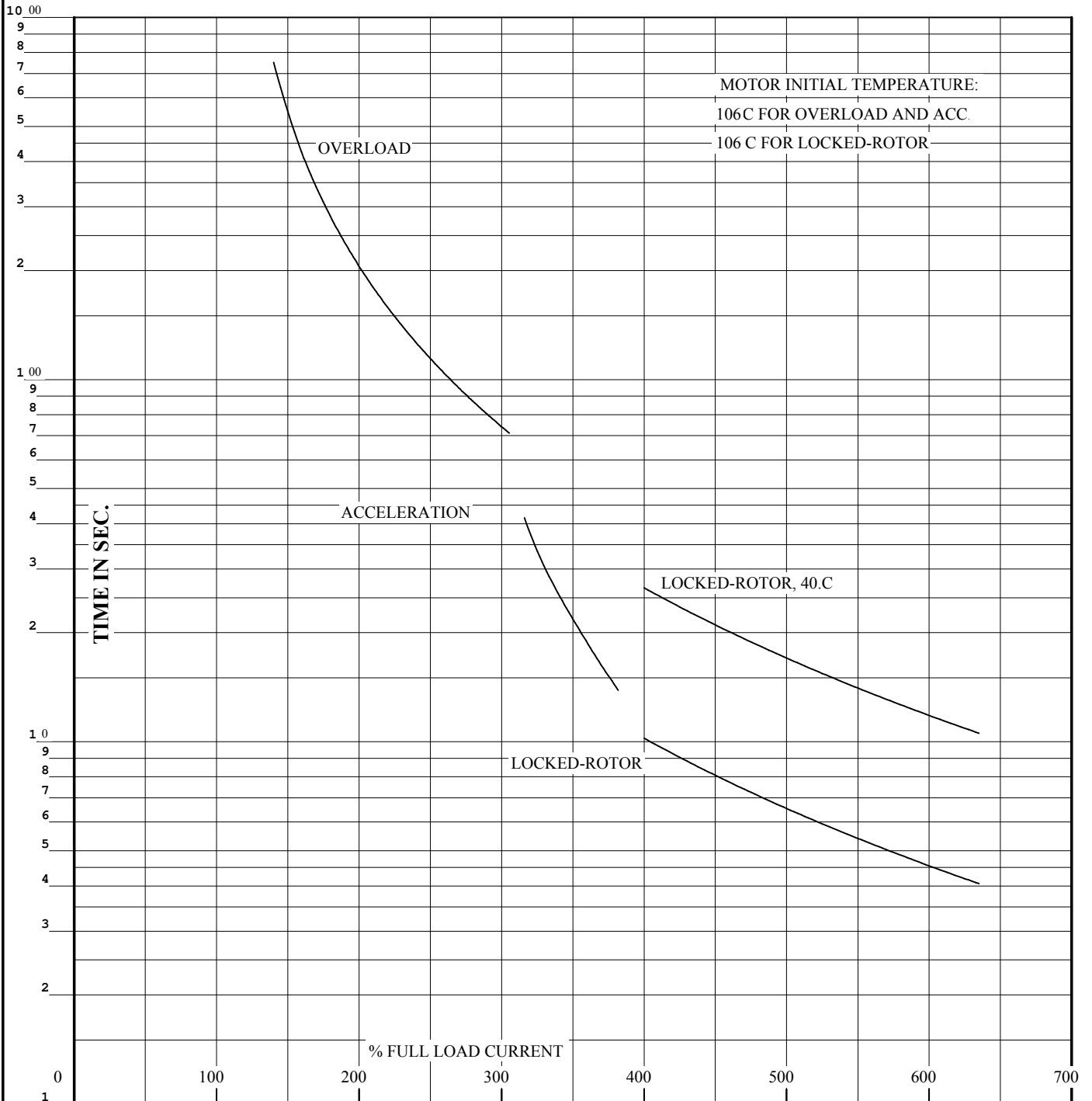
ROTOR 418143014ZE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C. 0.0127

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

NEMA NOM. EFF. 95.4 PCT

CALCULATED

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 E.J. CHRISTIAN
CK. BY E.J. CHRISTIAN
APP. BY T.G. KELATI
DATE 08/12/15

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG2772-R004
ISSUE DATE 08/12/15

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	447TS	350	P	3/60	3560	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
381	CONT	40/B	1.15	B	F	ODP
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
433582	418143014ZE	---	---	.0127		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	85.7	3600	5.80	0	
1/4	87.6	125	3590	70.3	93.6	
2/4	175	199	3580	86.1	95.6	
3/4	262	287	3569	89.3	95.8	
4/4	350	381	3558	90.0	95.5	
5/4	438	478	3545	90.3	95.0	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	174	900	2200	
PULL UP		1800	158	818	1895	
BREAKDOWN		3428	220	1136	1164	
FULL LOAD		3558	100	517	381	
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 CALCULATED						
		DR. BY E.J.CHRISTIAN		A-C MOTOR PERFORMANCE A44WG2772-R004 DATA ISSUE DATE 08/12/15		
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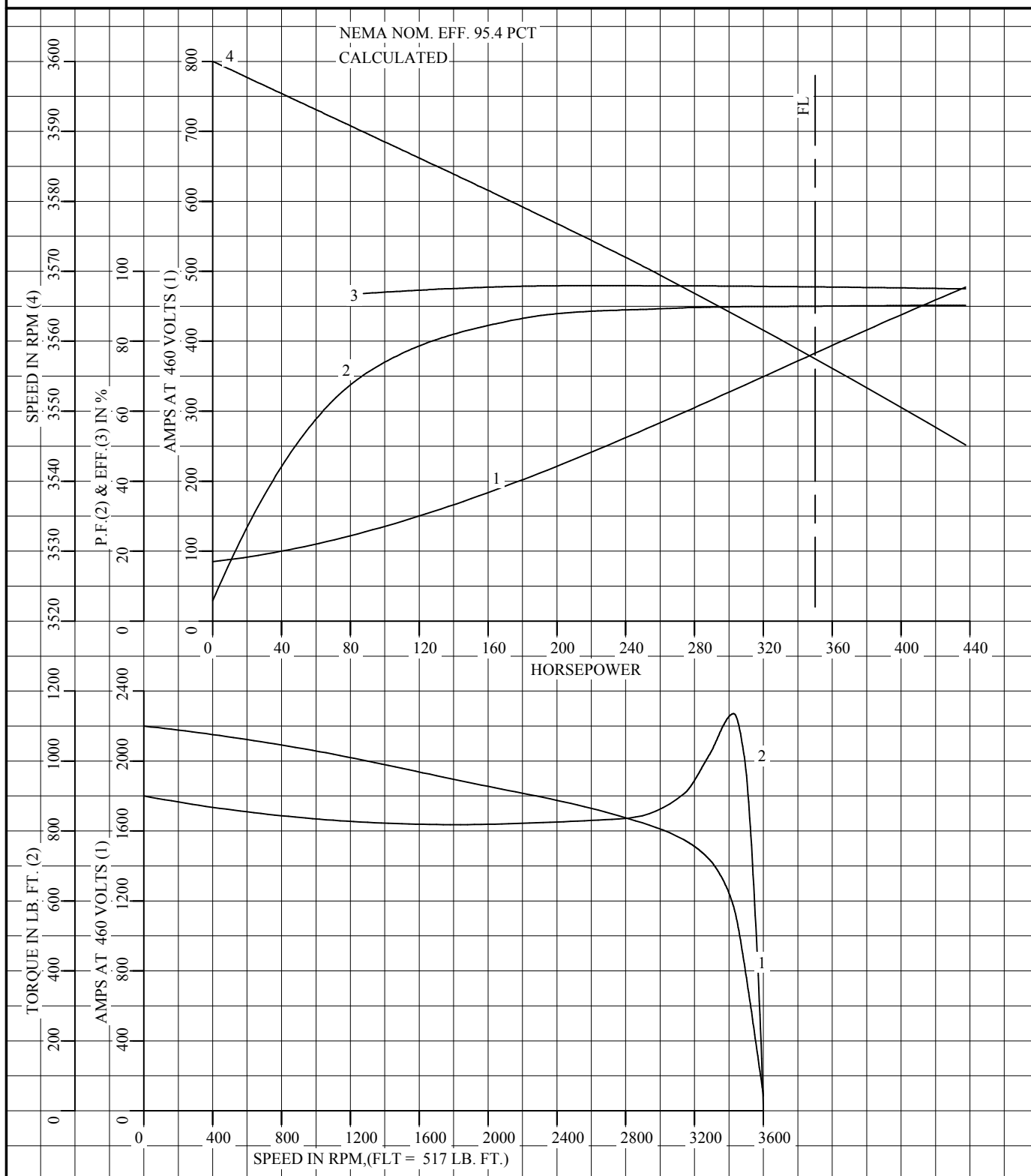
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