

REL. S.O.

FRAME 405TS

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 3565

VOLTS 230/460

AMPS 220/110

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE TEFC

E/S 596932

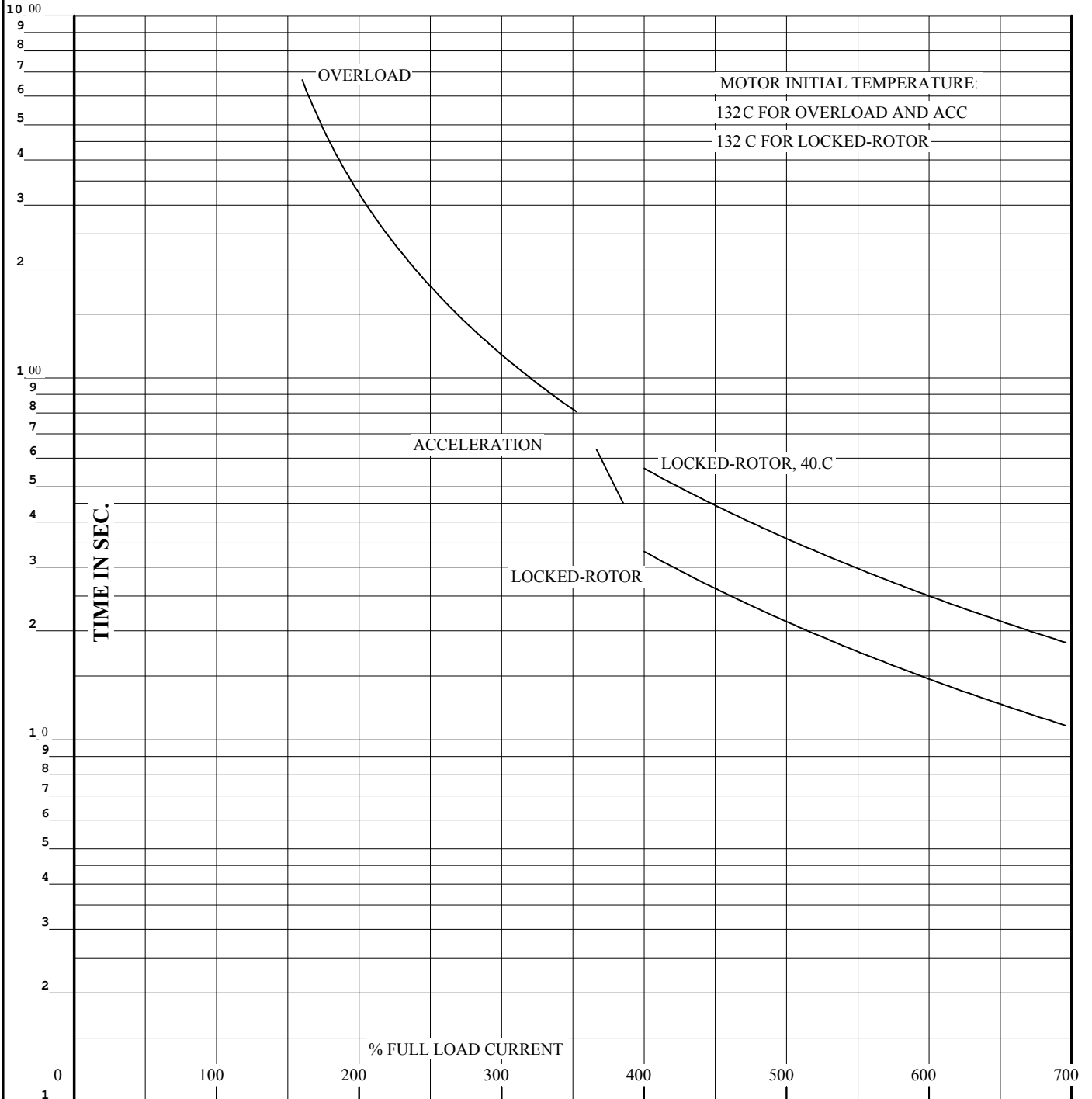
ROTOR 418142005PE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0131/.0526

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

XE MOTOR-NEMA NOM. EFF. 94.1 %

GUARANTEED MIN. EFF. 93.0%

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 J.J.HARRISON
CK. BY W.L.SMITH
APP. BY E.J.CHRISTIAN
DATE 12/09/03

**A-C MOTOR
PERFORMANCE
CURVES**

A40WG0022-R003
ISSUE DATE 03/03/17

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TS	100	P	3/60	3565	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
220/110	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596932	418142005PE	---	---	.0131/.0526		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	25.6	3600	8.43	0	
1/4	25.0	36.8	3591	70.0	90.9	
2/4	50.0	57.9	3582	85.9	94.2	
3/4	75.1	82.9	3572	89.4	94.8	
4/4	100	110	3563	89.9	94.8	
5/4	125	137	3552	90.2	94.4	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	203	299	695	
PULL UP		1545	182	269	632	
BREAKDOWN		3408	256	377	387	
FULL LOAD		3563	100	147	110	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA XE MOTOR-NEMA NOM. EFF. 94.1 % GUARANTEED MIN. EFF. 93.0%						
		DR. BY J. J. HARRISON		A-C MOTOR PERFORMANCE A40WG0022-R003 DATA ISSUE DATE 03/03/17		
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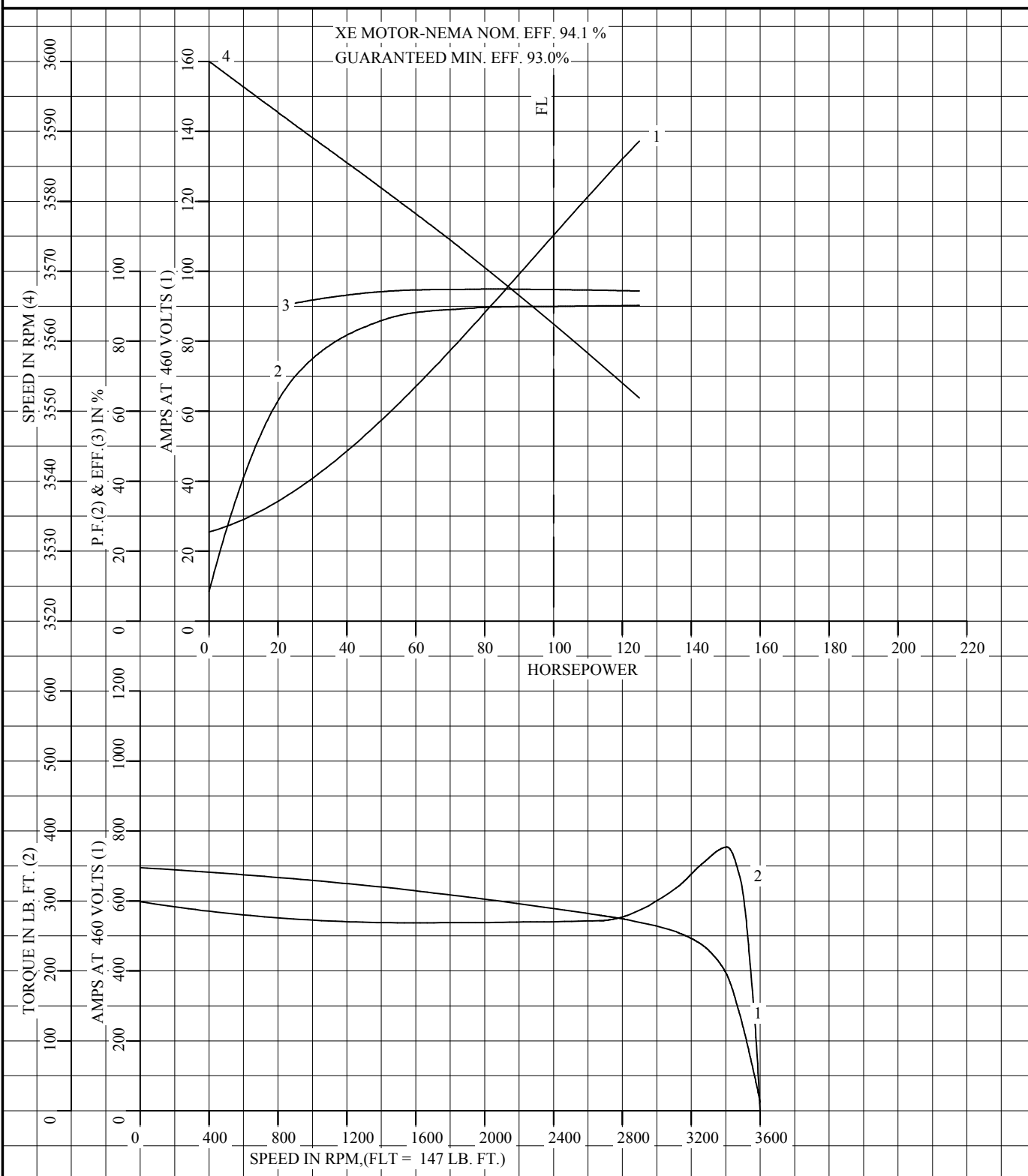
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