

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405HPZ	100	P	3/60	3560	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	3590	70.1	90.8	
2/4	50.0	58.0	3581	85.9	94.0	
3/4	75.0	83.0	3571	89.4	94.6	
4/4	100	110	3560	89.9	94.4	
5/4	125	138	3549	90.2	93.9	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	205	302	688	
PULL UP		1545	184	271	626	
BREAKDOWN		3398	253	374	387	
FULL LOAD		3560	100	148	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%						
 A MEMBER OF THE ABB GROUP		DR. BY J.J.HARRISON		A-C MOTOR PERFORMANCE A40WG1107-R009 DATA ISSUE DATE 05/05/21		
		CK. BY W.L.SMITH				
		APP. BY E.J.CHRISTIAN				
		DATE 12/09/03				

REL S.O.

FRAME 405HPZ

HP 100

TYPE P

PHASE/HERTZ 3/60

RPM 3560

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

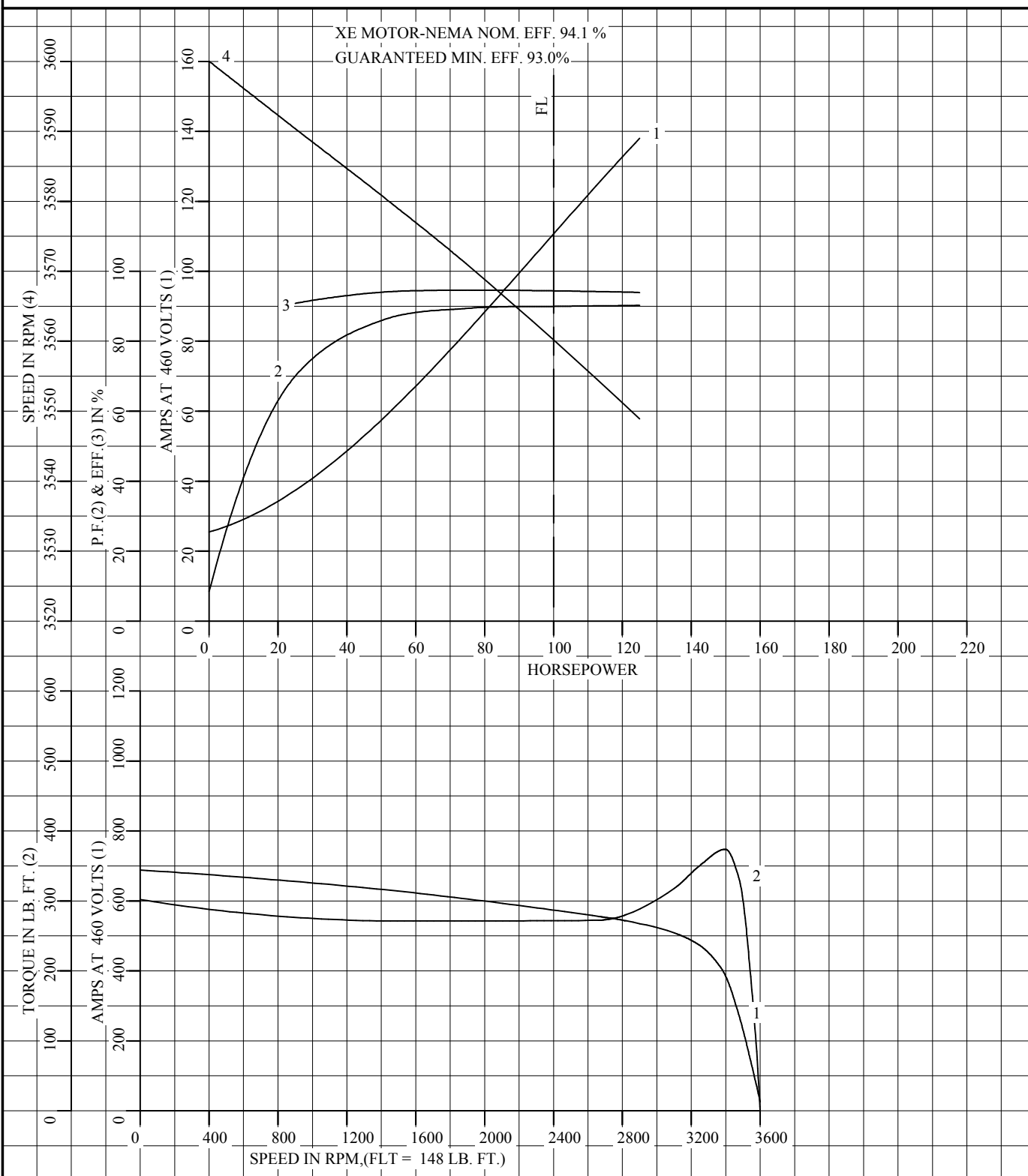
ROTOR 418142005PE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0131/.0526

OHMS (BETWEEN LINES)



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**

A40WG1107-R009

ISSUE DATE 05/05/21

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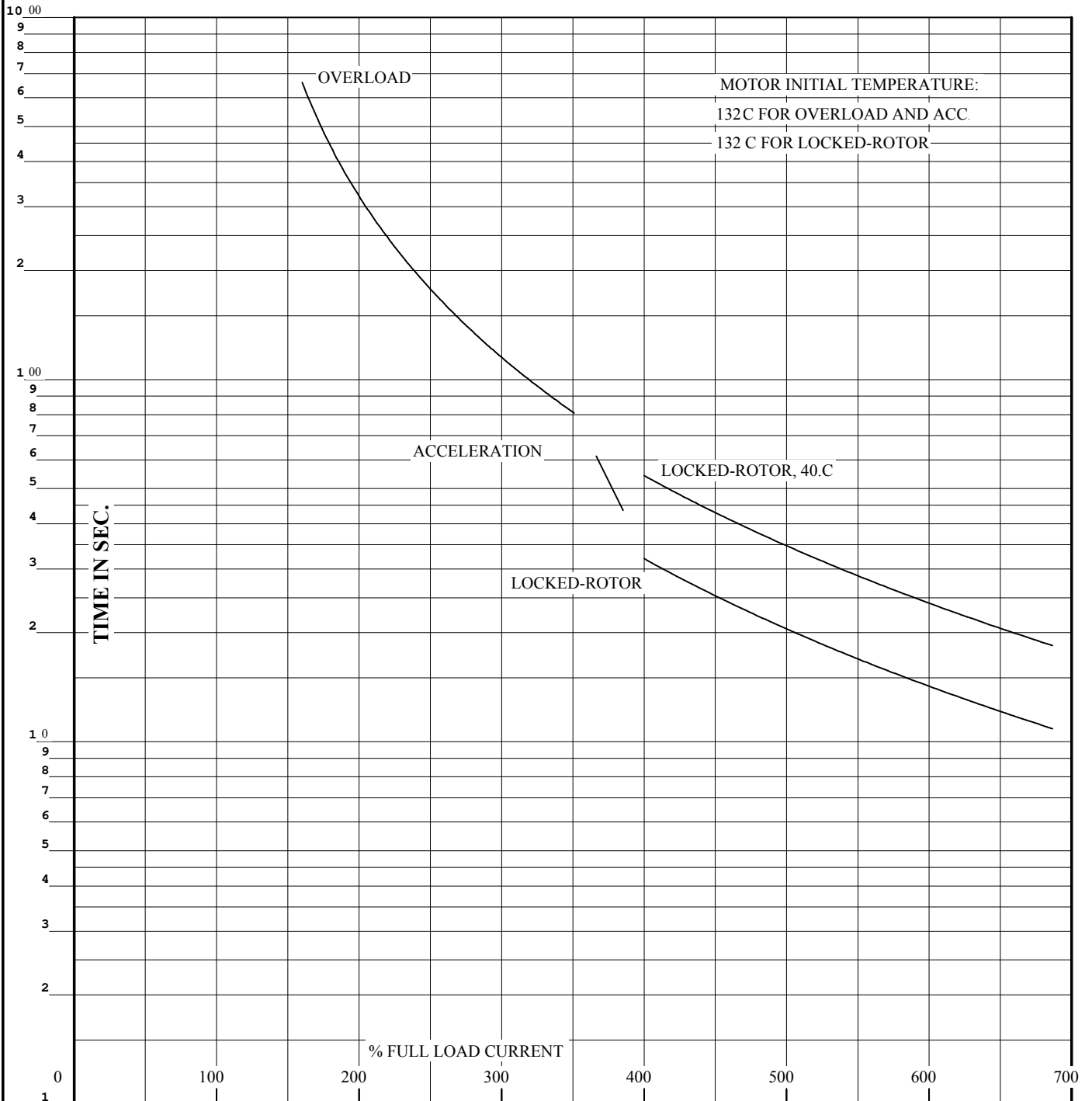
ROTOR 418142005PE

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%

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