

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445TS	150	P	3/60	3570	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
165	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
---	418143008BE	---	---	.0292		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	34.7	3600	9.78	0	
1/4	37.5	60.0	3593	64.7	90.5	
2/4	75.1	91.2	3586	81.9	94.1	
3/4	113	126	3578	87.9	94.9	
4/4	150	165	3571	89.9	95.0	
5/4	187	205	3563	90.4	94.7	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	138	304	1081	
PULL UP		1250	109	240	997	
BREAKDOWN		3461	279	616	552	
FULL LOAD		3571	100	221	165	
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 NOMINAL EFFICIENCY = 95.0 PCT.						
		DR. BY CD		A-C MOTOR PERFORMANCE A44WG3535-R004 DATA ISSUE DATE 12/17/20		
		CK. BY R. MCELVEEN				
		APP. BY E.J. CHRISTIAN				
		DATE 1/18/11				

REL S.O.

FRAME 445TS

HP 150

TYPE P

PHASE/HERTZ 3/60

RPM 3570

VOLTS 460

AMPS 165

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S ---

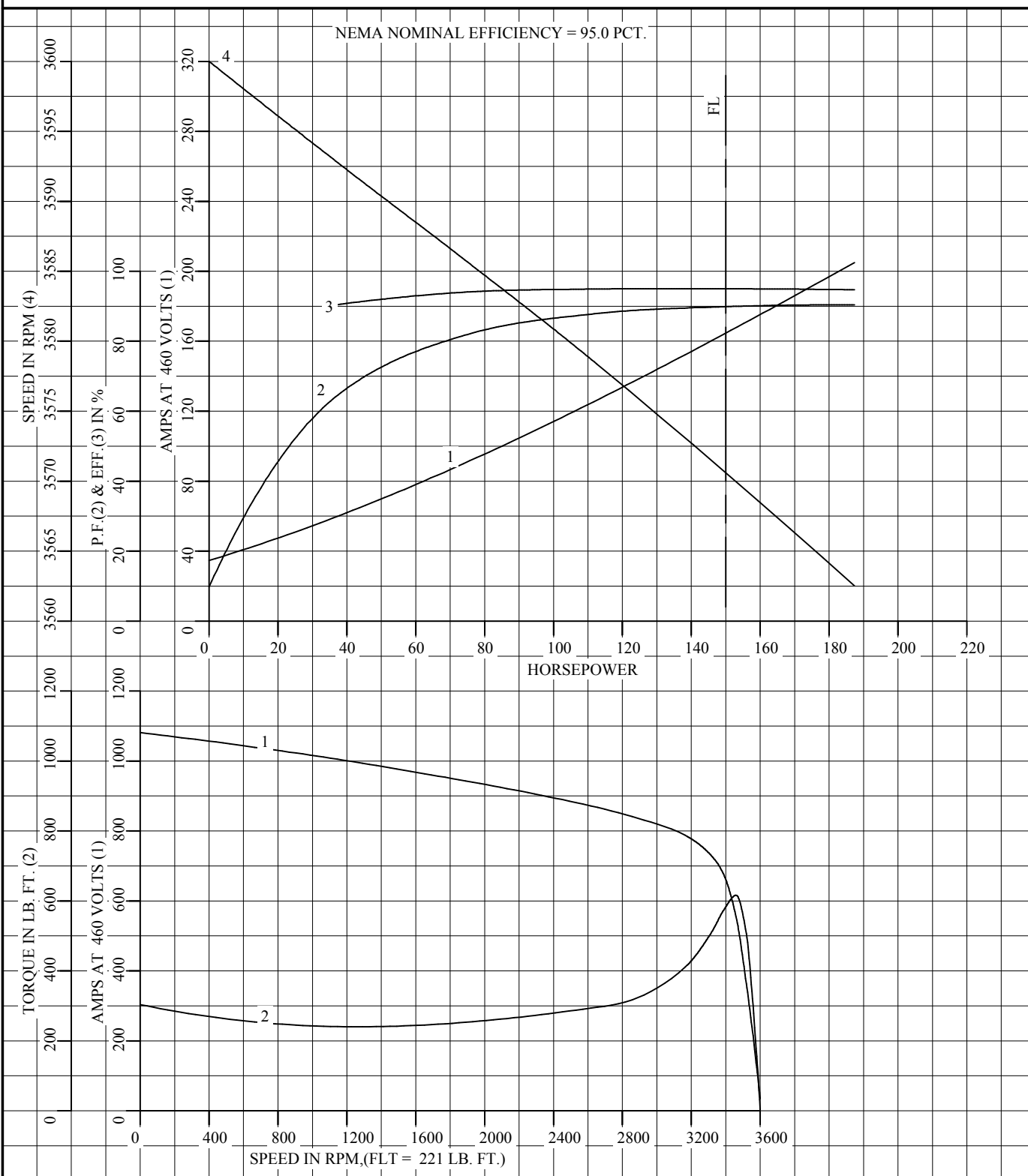
ROTOR 418143008BE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0292

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 CD
CK. BY R. MCELVEEN
APP. BY E.J. CHRISTIAN
DATE 1/18/11

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG3535-R004
ISSUE DATE 12/17/20

REL. S.O.

FRAME 445TS

HP 150

TYPE P

PHASE/HERTZ 3/60

RPM 3570

VOLTS 460

AMPS 165

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S ---

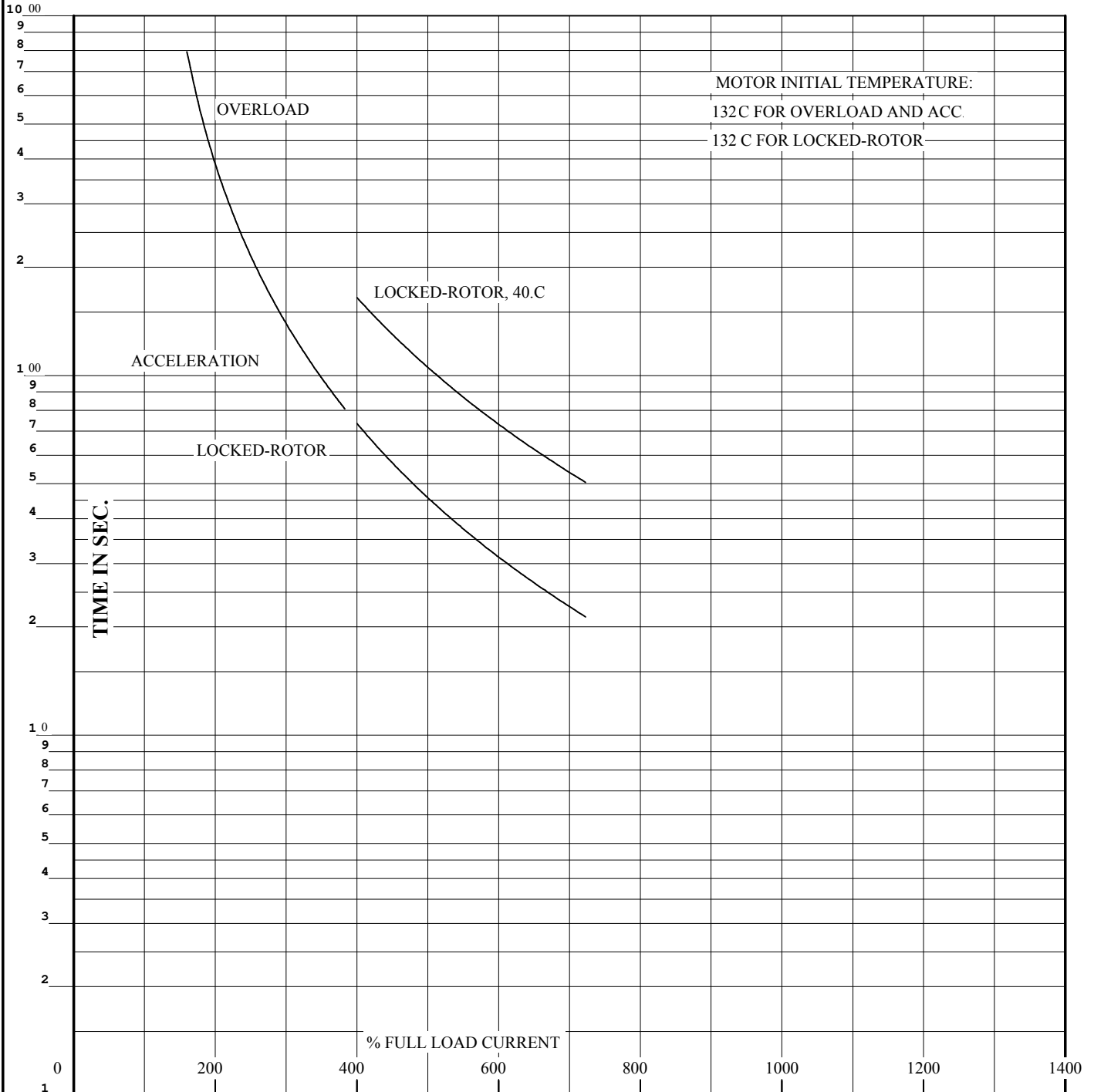
ROTOR 418143008BE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C. 0.0292

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

NEMA NOMINAL EFFICIENCY = 95.0 PCT.

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A44WG3535-R004
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