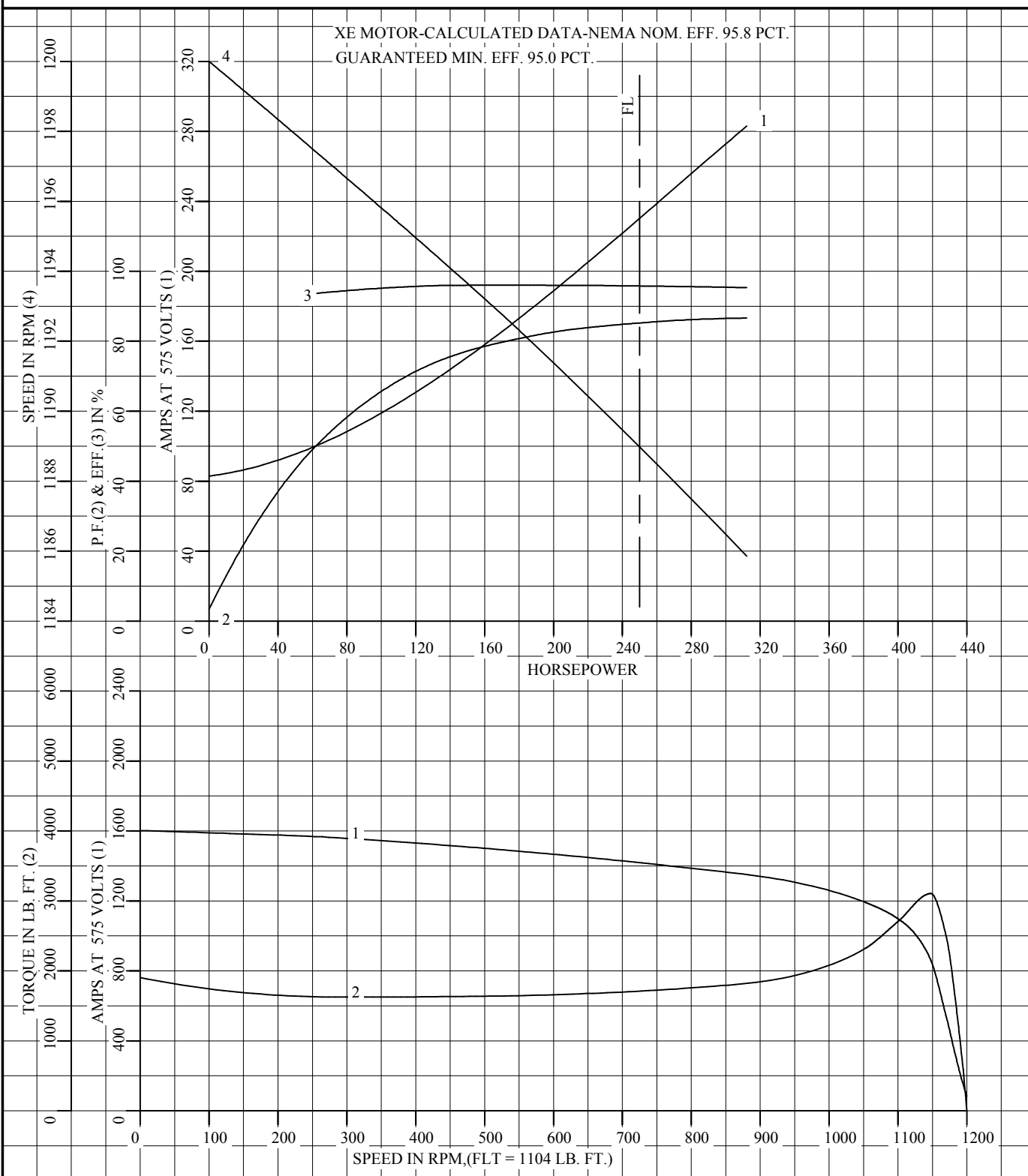


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449TYZ	250	P	3/60	1188	575
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
229	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
433004	418143090SE	---	---	.0246		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	83.2	1200	3.40	0	
1/4	62.6	99.4	1197	50.3	93.7	
2/4	125	135	1195	72.6	95.8	
3/4	187	179	1192	81.5	96.0	
4/4	250	229	1189	85.2	95.8	
5/4	312	283	1186	86.6	95.3	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	172	1903	1603	
PULL UP		288	147	1627	1561	
BREAKDOWN		1148	281	3105	860	
FULL LOAD		1189	100	1104	229	
AMPERES SHOWN FOR 575. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA XE MOTOR-CALCULATED DATA-NEMA NOM. EFF. 95.8 PCT. GUARANTEED MIN. EFF. 95.0 PCT.						
		DR. BY J. P. TSAO		A-C MOTOR PERFORMANCE DATA A44WG2258-R009 ISSUE DATE 03/05/21		
		CK. BY W. L. SMITH				
		APP. BY E.J. CHRISTIAN				
		DATE 08/03/16				

REL S.O.

FRAME **449TYZ**HP **250**TYPE **P**PHASE/HERTZ **3/60**RPM **1188**VOLTS **575**AMPS **229**DUTY **CONT**AMB °C/INSUL **40/F**S.F. **1.15**NEMA DESIGN **B**CODE LETTER **G**ENCLOSURE **TEFC**E/S **433004**ROTOR **418143090SE**TEST S.O. **TYPICAL DATA**TEST DATE **---**STATOR RES. @ 25 °C **.0246**

OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 575 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.P. TSAO
CK. BY W.L. SMITH
APP. BY E.J. CHRISTIAN
DATE 08/03/16

**A-C MOTOR
PERFORMANCE
CURVES**

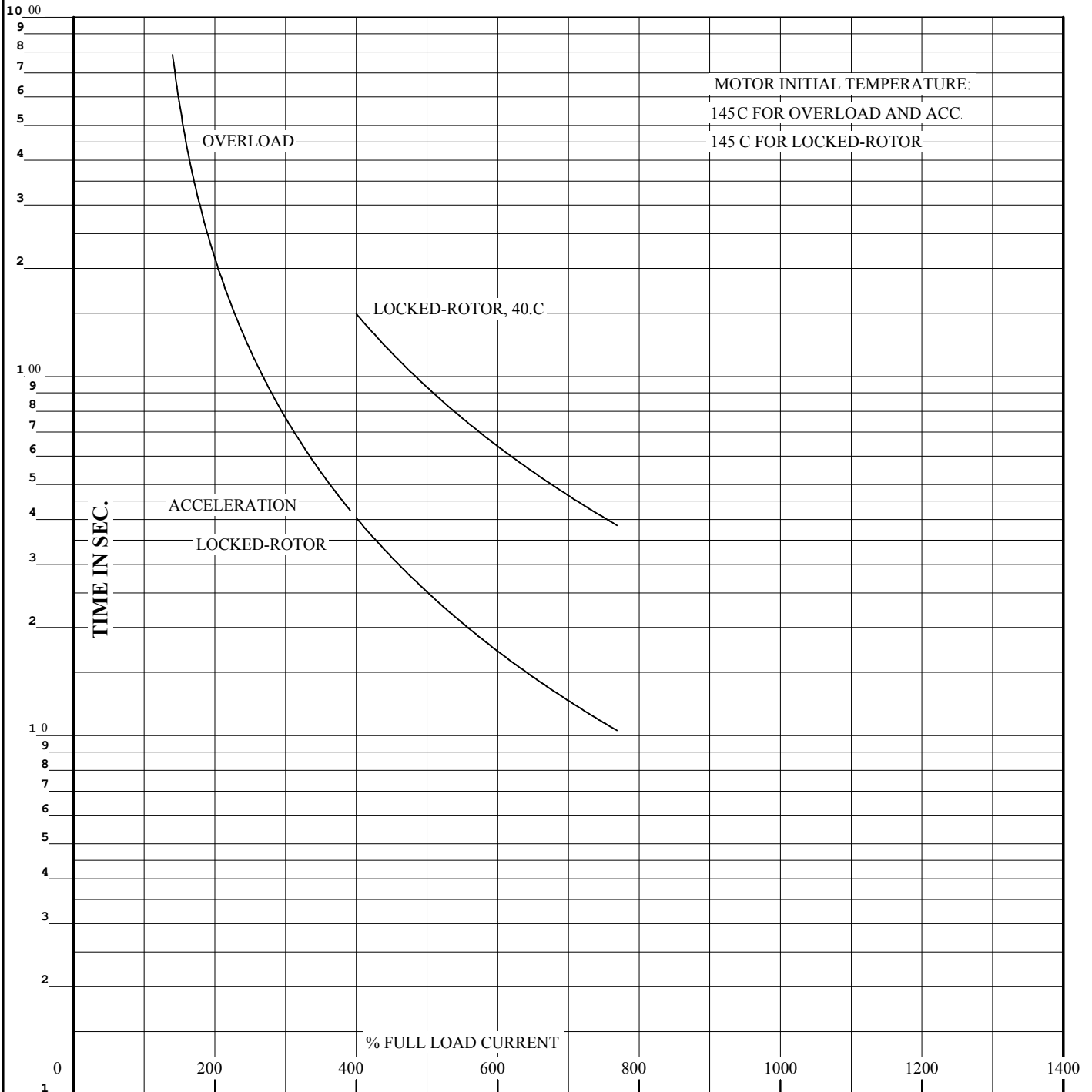
A44WG2258-R009

ISSUE DATE 03/05/21

REL. S.O.

FRAME **449TYZ**HP **250**TYPE **P**PHASE/HERTZ **3/60**RPM **1188**VOLTS **575**AMPS **229**DUTY **CONT**AMB °C/INSUL **40/F**S.F. **1.15**NEMA DESIGN **B**CODE LETTER **G**ENCLOSURE **TEFC**E/S **433004**ROTOR **418143090SE**TEST S.O. **TYPICAL DATA**TEST DATE **---**STATOR RES. @ 25 °C **.0246**

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

XE MOTOR-CALCULATED DATA-NEMA NOM. EFF. 95.8 PCT.

GUARANTEED MIN. EFF. 95.0 PCT.

AMPERES SHOWN FOR 575 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE
AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

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**A-C MOTOR
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