

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	250	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
274	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
445175	418143052ZE	---	---	.0114		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	79.3	1800	4.00	0	
1/4	62.5	103	1796	60.2	94.3	
2/4	125	151	1793	80.6	96.3	
3/4	187	210	1789	86.6	96.5	
4/4	250	274	1785	88.4	96.4	
5/4	313	342	1781	89.1	96.0	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	163	1195	1825	
PULL UP		1200	134	988	1536	
BREAKDOWN		1726	276	2029	952	
FULL LOAD		1785	100	735	274	
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. 96.2 PCT.						
		DR. BY G. R. WEBB CK. BY C. E. JAMISON APP. BY W. L. SMITH DATE 07/17/15		A-C MOTOR PERFORMANCE DATA A44WG5175-R002 ISSUE DATE 11/30/20		

REL S.O.

FRAME 449T

HP 250

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 460

AMPS 274

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S 445175

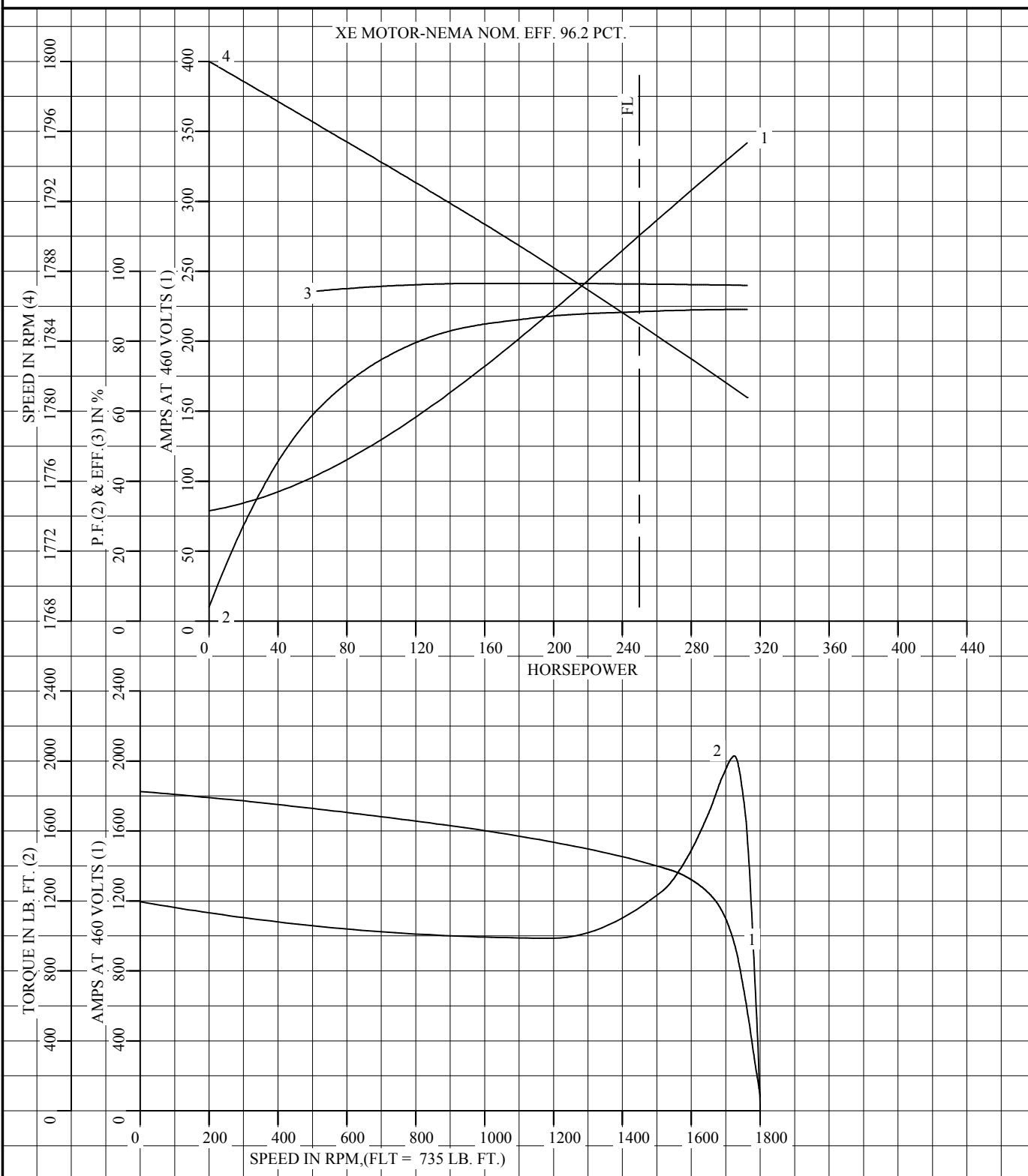
ROTOR 418143052ZE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0114

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 G. R. WEBB
CK. BY C. E. JAMISON
APP. BY W. L. SMITH
DATE 07/17/15

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG5175-R002
ISSUE DATE 11/30/20

REL. S.O.

FRAME 449T

HP 250

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 460

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DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

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E/S 445175

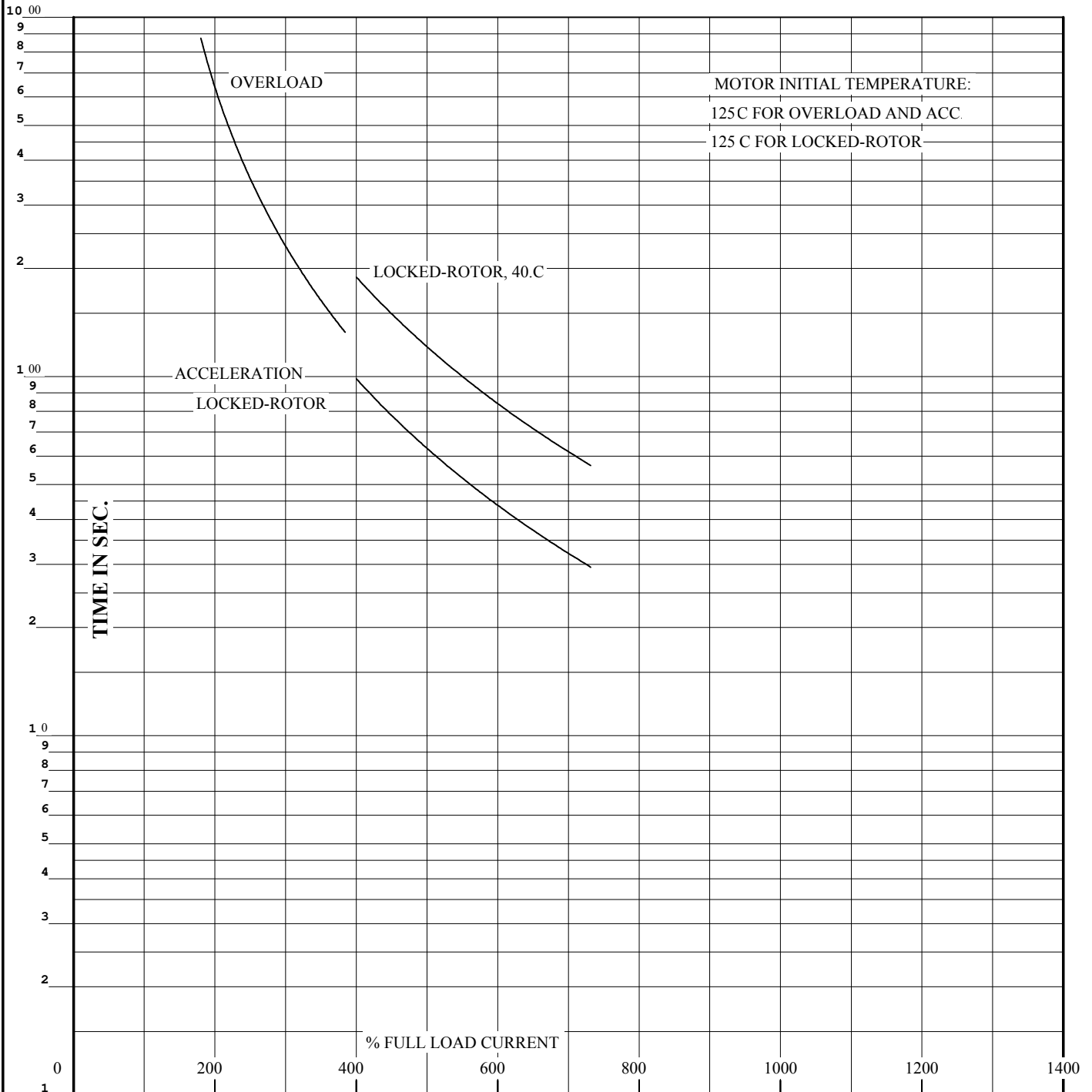
ROTOR 418143052ZE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C. 0.114

OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS:

XE MOTOR-NEMA NOM. EFF. 96.2 PCT.

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