

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	444T	75	P	3/60	890	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
179/89.3	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
497436	418143-083-PE	---	---	.0181/.0724		

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	28.9	900	6.23	0
1/4	18.8	35.5	897	55.0	89.9
2/4	37.5	49.3	895	76.2	93.4
3/4	56.2	67.5	892	82.9	94.1
4/4	75.0	89.3	889	83.7	93.9
5/4	93.8	115	885	82.0	93.3

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	148	658	510
PULL UP	250	139	616	466
BREAKDOWN	843	241	1068	299
FULL LOAD	889	100	443	89.3

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 93.6%



DR. BY C.E. JAMISON
CK. BY W.L. SMITH
APP. BY C.E. JAMISON
DATE 10/26/17

**A-C MOTOR
PERFORMANCE A44WG4750-R002
DATA** ISSUE DATE 08/25/20

REL S.O.

FRAME 444T

HP 75

TYPE P

PHASE/HERTZ 3/60

RPM 890

VOLTS 230/460

AMPS 179/89.3

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE TEFC

E/S 497436

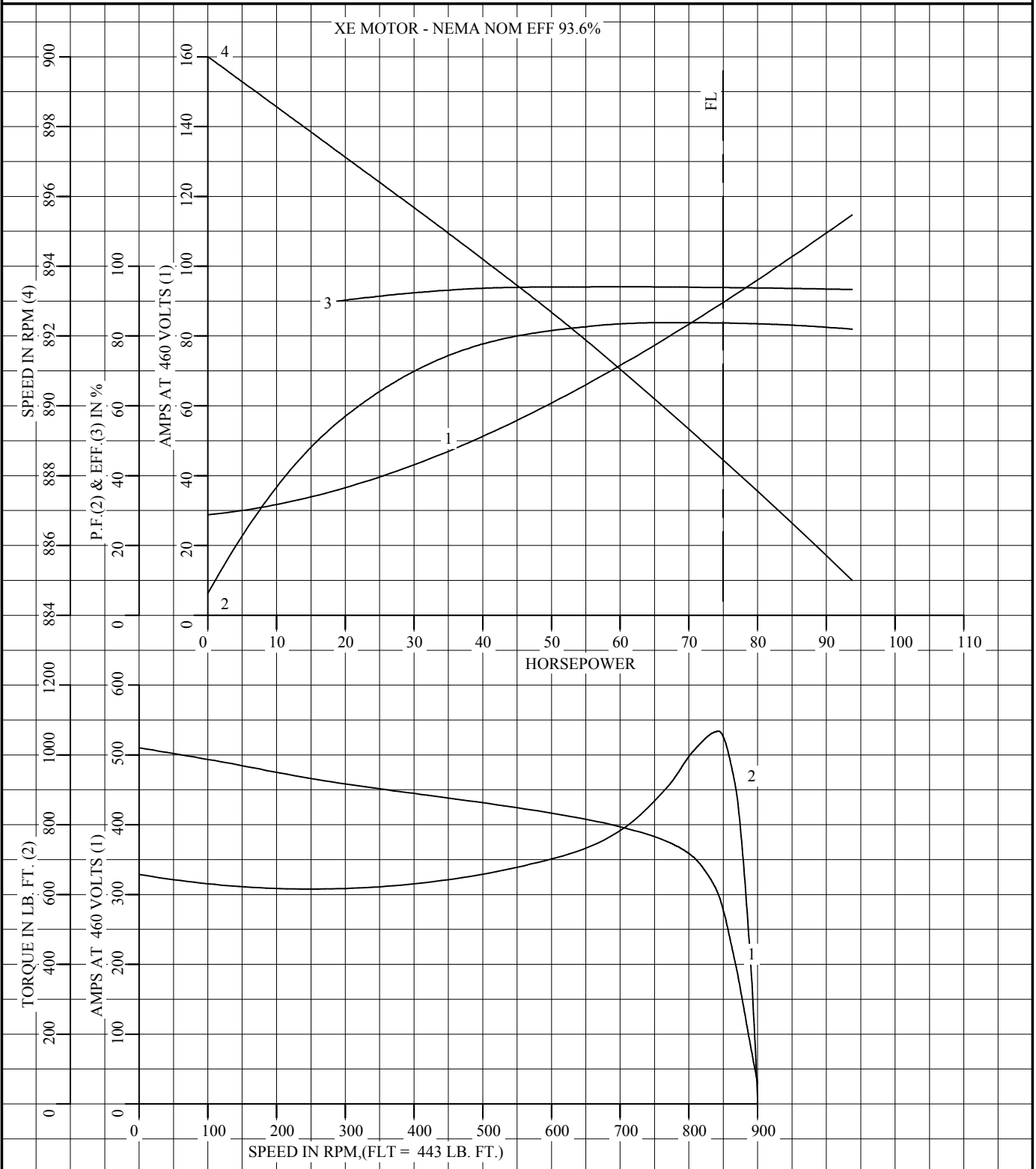
ROTOR 418143-083-PE

TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0181/.0724

OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



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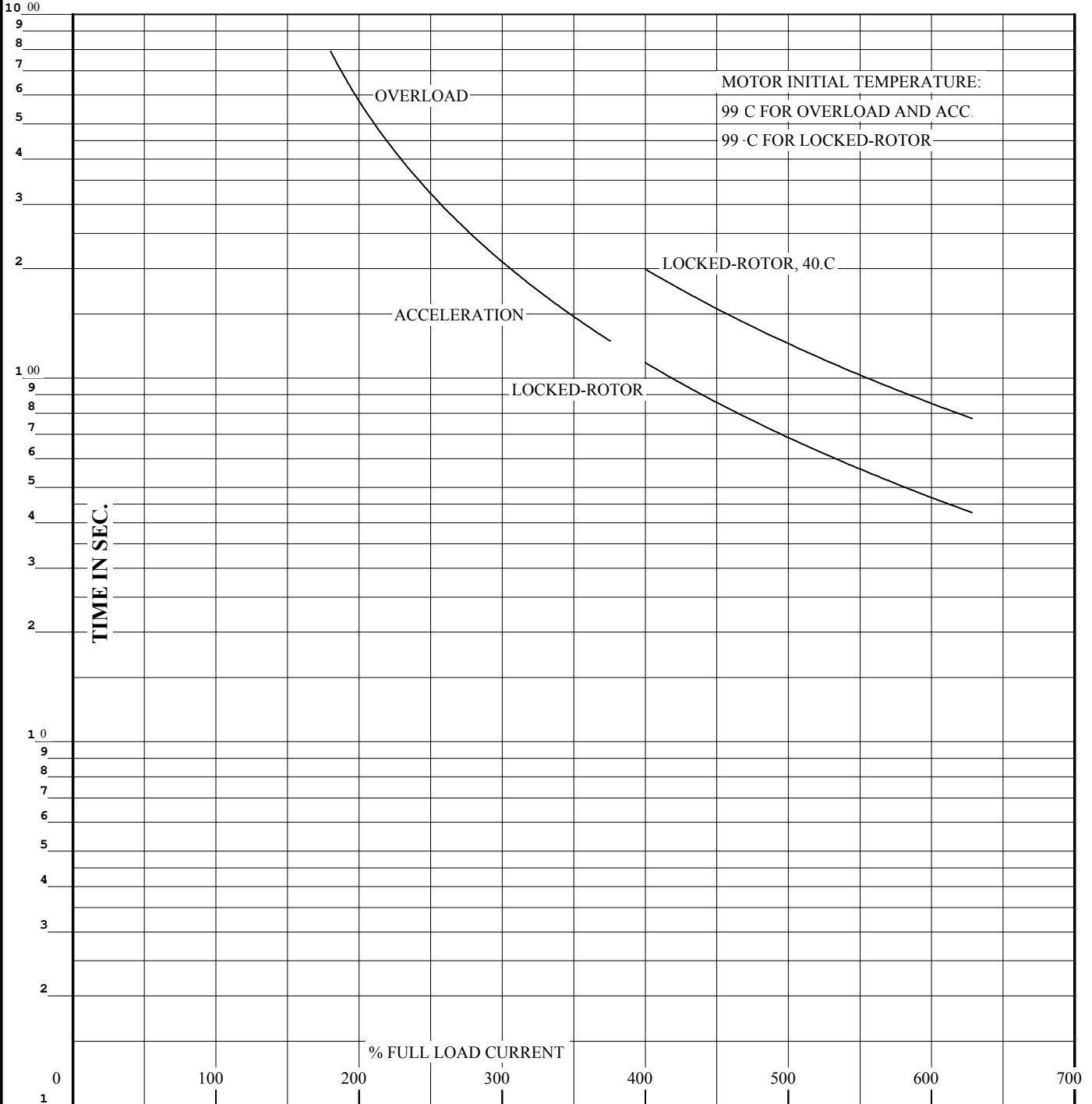
A-C MOTOR PERFORMANCE CURVES
 A44WG4750-R002
 ISSUE DATE 08/25/20

REL. S.O.
 FRAME 444T
 HP 75
 TYPE P
 PHASE/HERTZ 3/60

RPM 890
 VOLTS 230/460
 AMPS 179/89.3
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE TEFC
 E/S 497436

ROTOR 418143-083-PE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0181/.0724
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: XE MOTOR - NEMA NOM EFF 93.6%

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