

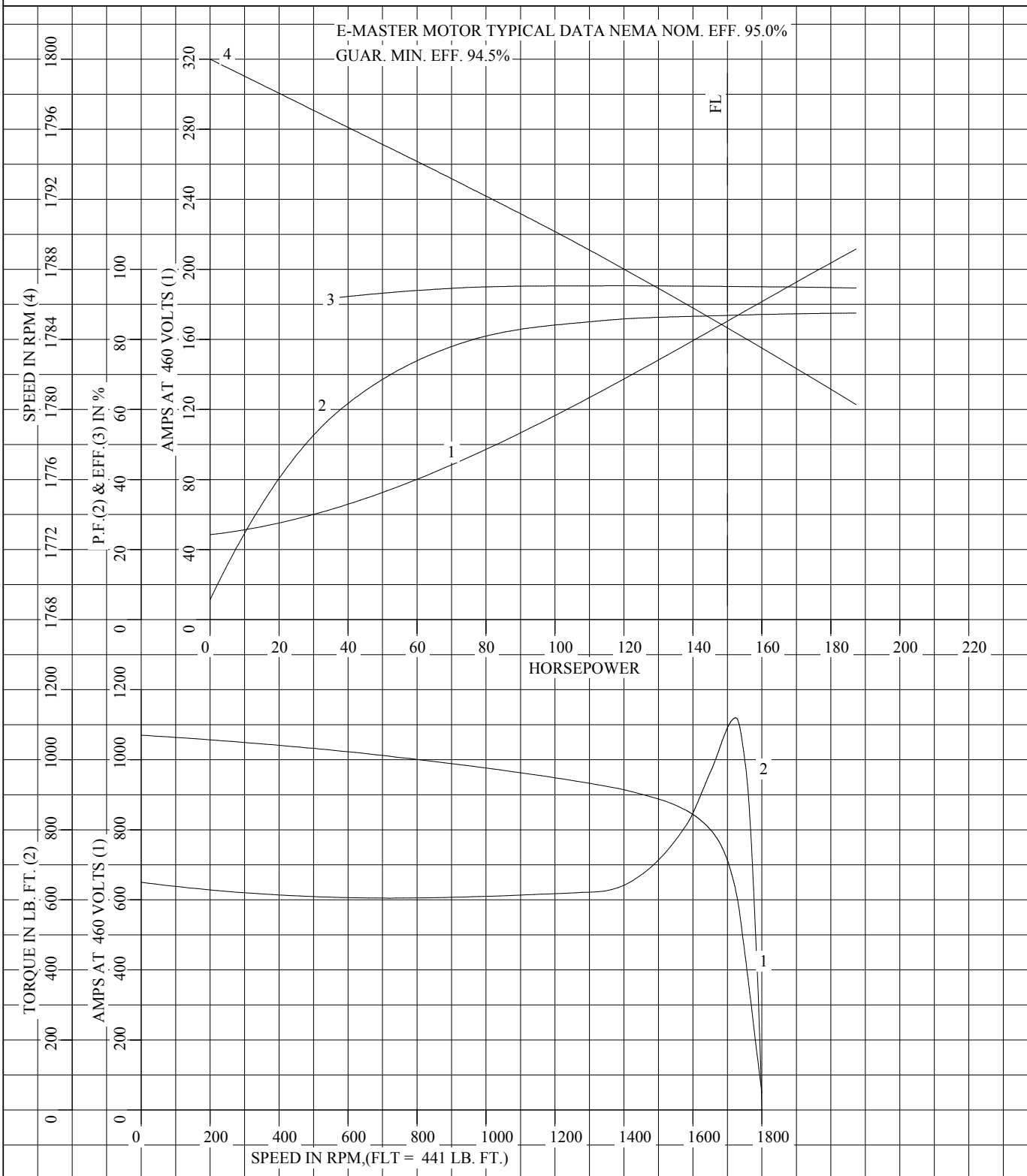
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445TS	150	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
170	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.		TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)	
498281	418143040PE	---		---	.0385	
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	48.6	1800	5.70	0	
1/4	37.5	63.9	1796	59.8	92.0	
2/4	75.0	93.0	1793	79.6	94.8	
3/4	112	130	1789	85.2	95.3	
4/4	150	170	1785	86.8	95.1	
5/4	187	212	1780	87.5	94.7	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	147	650	1070	
PULL UP		720	137	605	1010	
BREAKDOWN		1725	254	1120	624	
FULL LOAD		1785	100	441	170	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA E-MASTER MOTOR TYPICAL DATA NEMA NOM. EFF. 95.0% GUAR. MIN. EFF. 94.5%						
		DR. BY R.L.STEPHENS		A-C MOTOR PERFORMANCE A44WG1518-R001 DATA ISSUE DATE 12/18/10		
		CK. BY K.W.KANOUFF				
		APP. BY K.W.KANOUFF				
		DATE 01/03/97				

REL S.O.
FRAME 445TS
HP 150
TYPE P
PHASE/HERTZ 3/60

RPM 1785
VOLTS 460
AMPS 170
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER G
ENCLOSURE TEFC
E/S 498281

ROTOR 418143040PE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0385
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

DR. BY R.L. STEPHENS
CK. BY K.W. KANOUFF
APP. BY K.W. KANOUFF
DATE 01/03/97

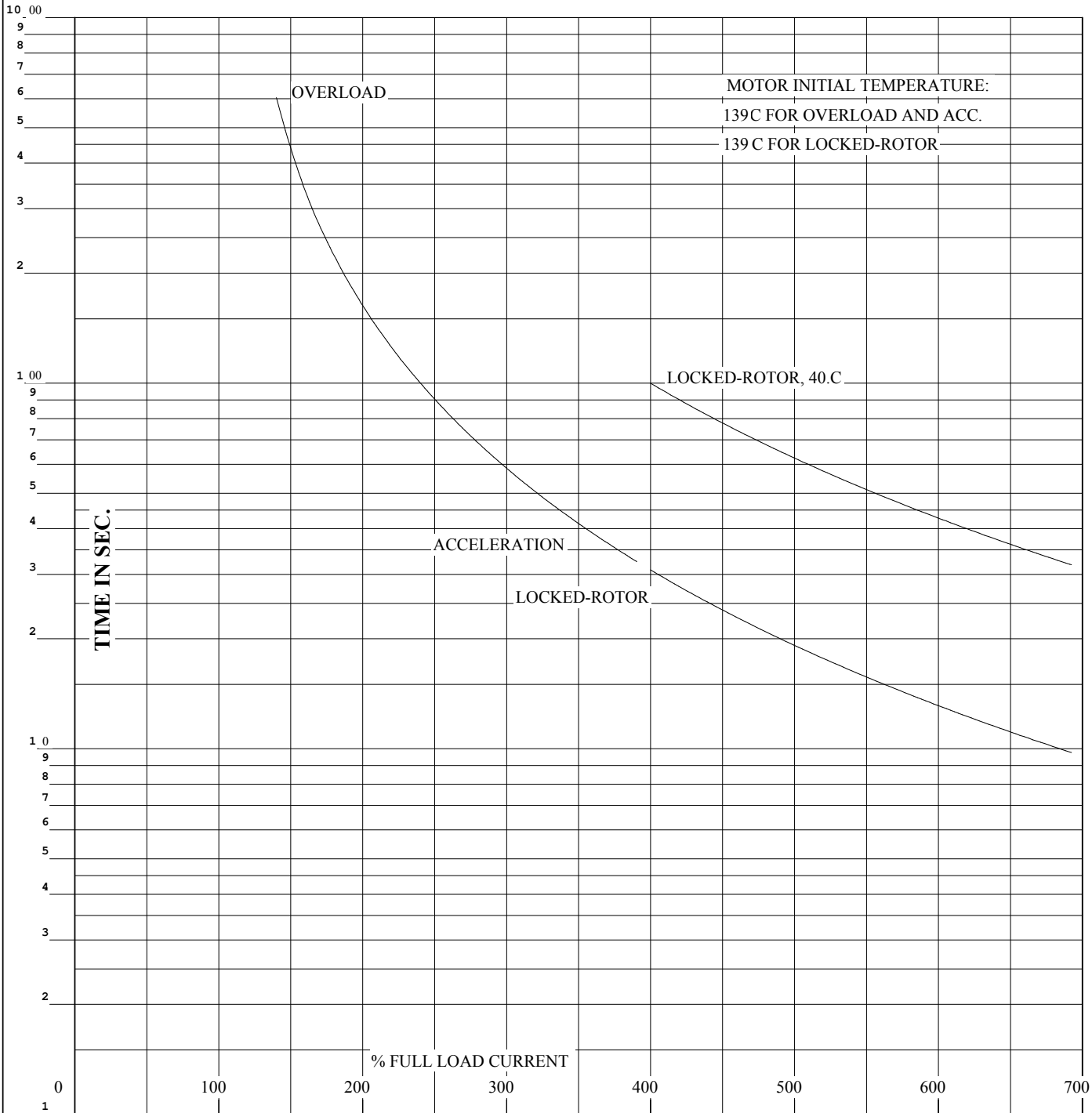
**A-C MOTOR
PERFORMANCE CURVES**
A44WG1518-R001
ISSUE DATE 12/18/10

REL. S.O.
FRAME 445TS
HP 150
TYPE P
PHASE/HERTZ 3/60

RPM 1785
VOLTS 460
AMPS 170
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER G
ENCLOSURE TEFC
E/S 498281

ROTOR 418143040PE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0385
OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: E-MASTER MOTOR TYPICAL DATA NEMA NOM. EFF. 95.0%
GUAR. MIN. EFF. 94.5%

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

BALDOR

DR. BY R.L.STEPHENS
CK. BY K.W.KANOUFF
APP. BY K.W.KANOUFF
DATE 01/03/97

**A-C MOTOR
PERFORMANCE A44WG1518-R001
CURVES** ISSUE DATE 12/18/10