

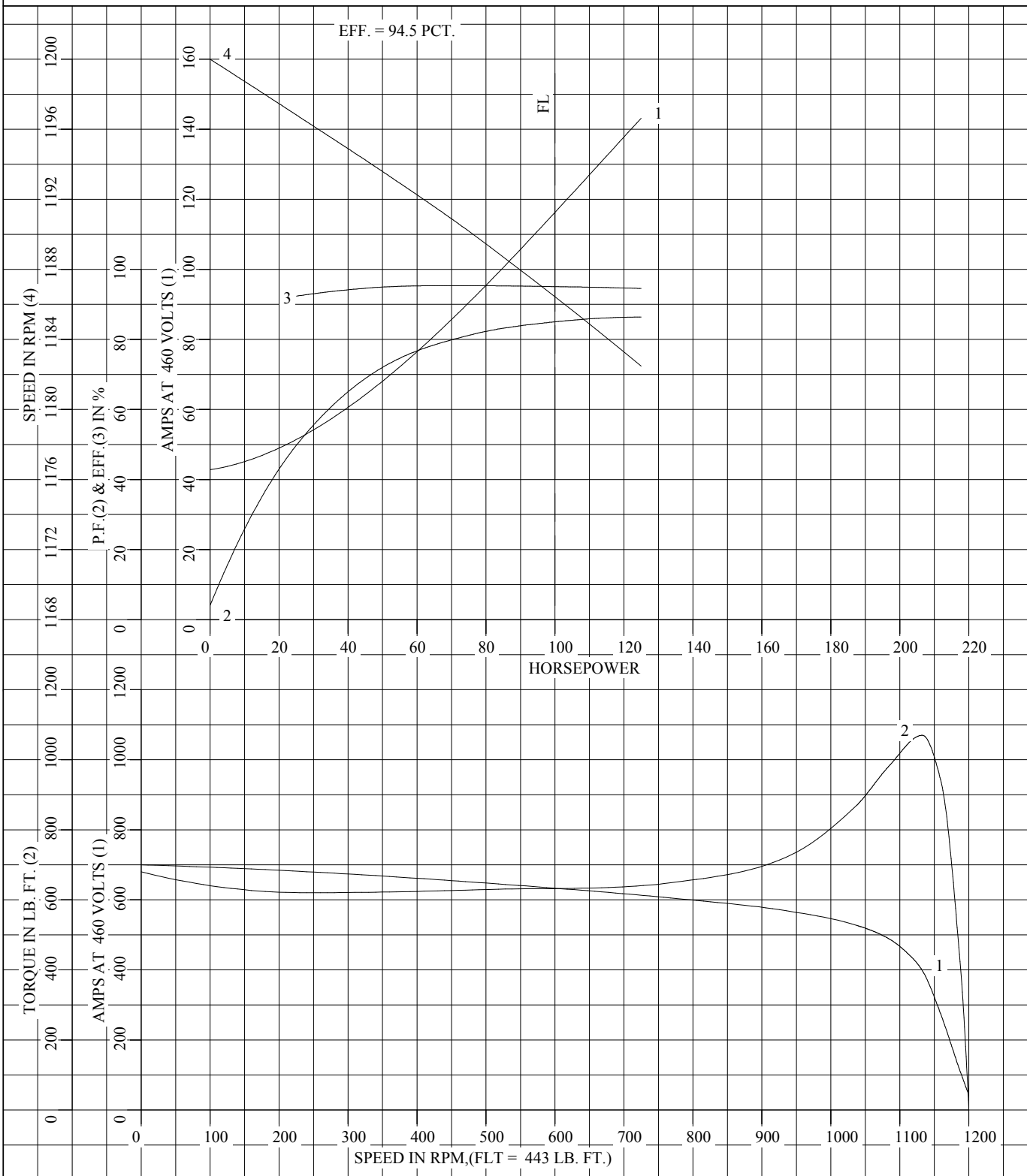
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	444T	100	P	3/60	1185	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
116	CONT	40/F	1.15	B	F	PROT
E/S	ROTOR	TEST S.O.		TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)	
497758	418143-079-ZE	---		---	.0586	
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	42.9	1200	4.08	0	
1/4	25.0	50.9	1197	49.8	92.4	
2/4	50.0	68.5	1194	72.0	94.9	
3/4	75.0	90.7	1190	81.2	95.3	
4/4	100	116	1187	85.0	95.1	
5/4	125	143	1182	86.4	94.5	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	154	680	700	
PULL UP		240	140	620	680	
BREAKDOWN		1133	242	1070	398	
FULL LOAD		1187	100	443	116	
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.= 95.0 PCT.; GUAR. MIN. EFF. = 94.5 PCT.						
		DR. BY J.J.HARRISON			A-C MOTOR PERFORMANCE A44WG1481-R001 DATA ISSUE DATE 12/18/10	
		CK. BY W.L.SMITH				
		APP. BY W.L.SMITH				
		DATE 03/18/10				

REL S.O.
FRAME 444T
HP 100
TYPE P
PHASE/HERTZ 3/60

RPM 1185
VOLTS 460
AMPS 116
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER F
ENCLOSURE PROT
E/S 497758

ROTOR 418143-079-ZE
TEST S.O. TYPICAL DATA
TEST DATE ---
STATOR RES. @ 25 °C .0586
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 J.J.HARRISON
CK. BY W.L.SMITH
APP. BY W.L.SMITH
DATE 03/18/10

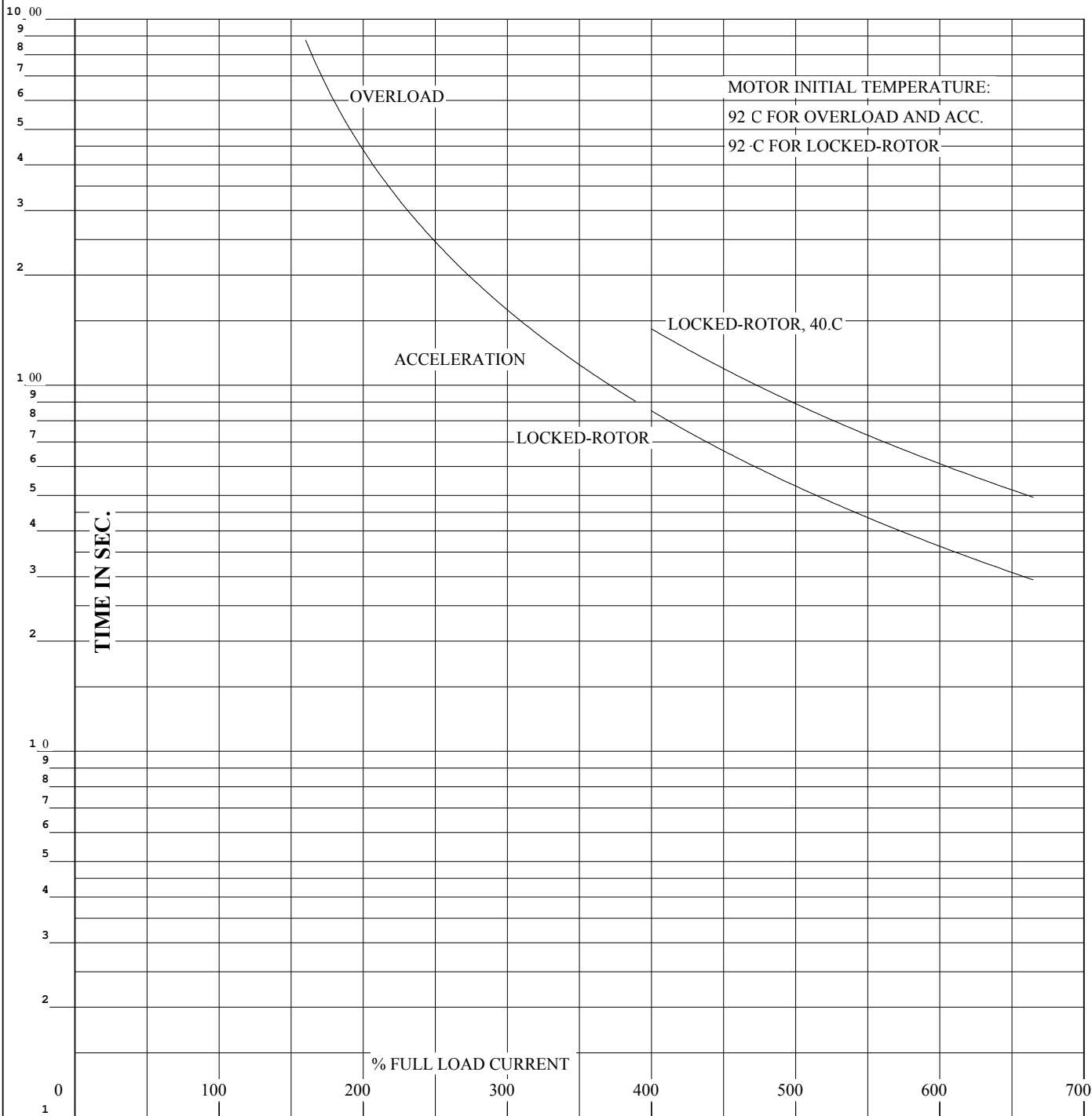
**A-C MOTOR
PERFORMANCE CURVES**
A44WG1481-R001
ISSUE DATE 12/18/10

REL. S.O.
FRAME 444T
HP 100
TYPE P
PHASE/HERTZ 3/60

RPM 1185
VOLTS 460
AMPS 116
DUTY CONT
AMB °C/INSUL 40/F

S.F. 1.15
NEMA DESIGN B
CODE LETTER F
ENCLOSURE PROT
E/S 497758

ROTOR 418143-079-ZE
TEST S.O. TYPICAL DATA
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STATOR RES. @ 25 °C .0586
OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: EFF. = 94.5 PCT. ↑ CURVE

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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PERFORMANCE A44WG1481-R001
CURVES** ISSUE DATE 12/18/10