


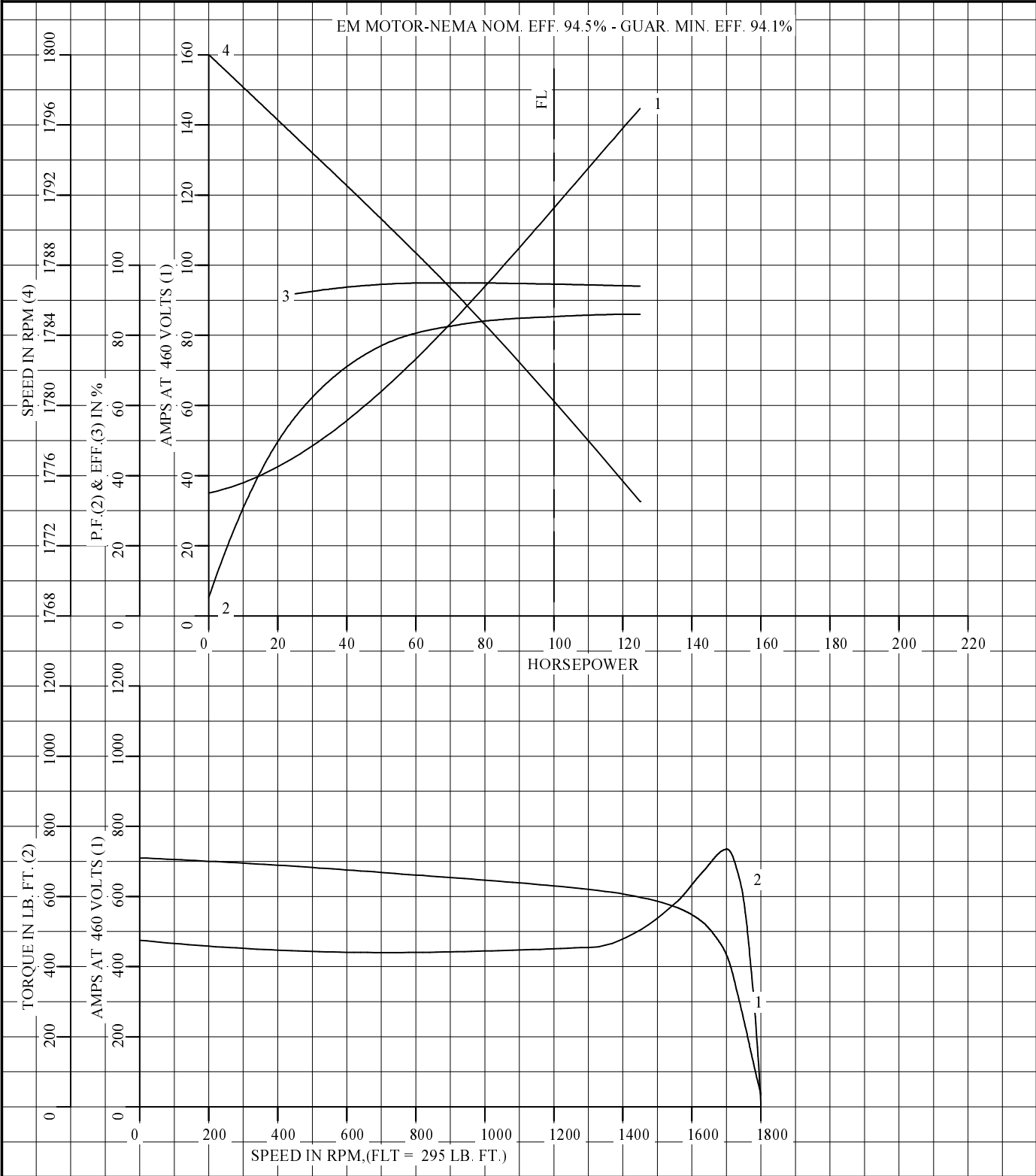
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TC	100	P	3/60	1780	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
232/116	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
496537	418142033SE	---	---	.0168/.0673		
<b>PERFORMANCE</b>						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	35.1	1800	5.34	0	
1/4	25.0	45.0	1795	56.7	91.8	
2/4	50.0	64.3	1791	77.0	94.5	
3/4	74.9	88.7	1786	83.4	94.9	
4/4	100	116	1780	85.3	94.6	
5/4	125	145	1775	86.0	94.0	
<b>SPEED TORQUE</b>						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	161	475	710	
PULL UP		720	149	440	667	
BREAKDOWN		1702	249	735	430	
FULL LOAD		1780	100	295	116	
<p>AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA EM MOTOR-NEMA NOM. EFF. 94.5% - GUAR. MIN. EFF. 94.1%</p>						
		DR. BY <u>D. F. DUNN</u>		<b>A-C MOTOR</b> <b>PERFORMANCE A40WG0427-R001</b> <b>DATA</b> ISSUE DATE 12/15/10		
		CK. BY <u>D. M. BYRD</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>07-30-93</u>				

REL S.O.  
 FRAME 405TC  
 HP 100  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1780  
 VOLTS 230/460  
 AMPS 232/116  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE TEFC  
 E/S 496537

ROTOR 418142033SE  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0168/.0673  
 OHMS (BETWEEN LINES)



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



DR. BY D F DUNN  
 CK. BY D M BYRD  
 APP. BY D M BYRD  
 DATE 07-30-93

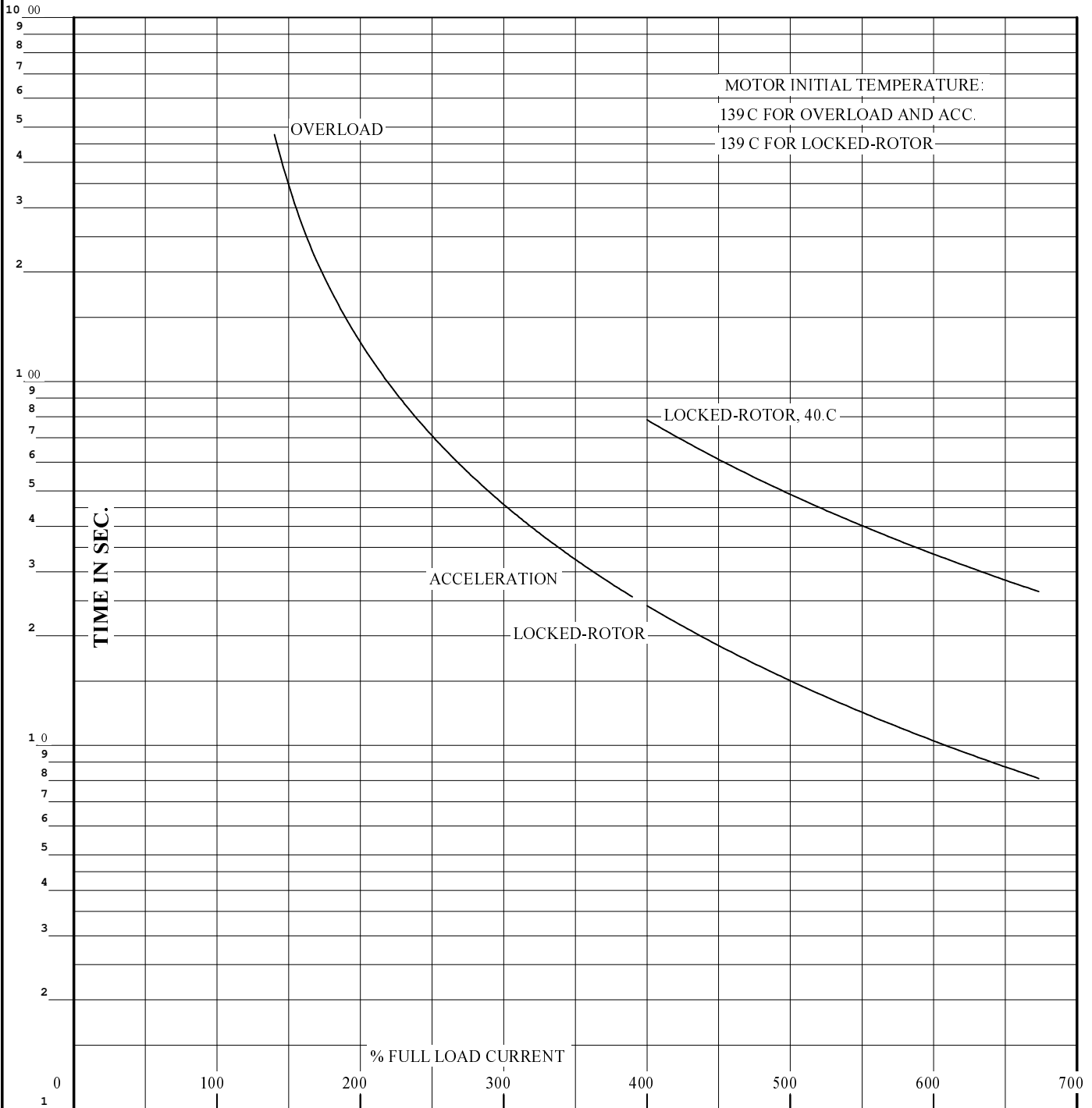
**A-C MOTOR  
 PERFORMANCE CURVES** A40WG0427-R001  
 ISSUE DATE 12/15/10

REL. S.O.  
 FRAME 405TC  
 HP 100  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1780  
 VOLTS 230/460  
 AMPS 232/116  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE TEFC  
 E/S 496537

ROTOR 418142033SE  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0168/.0673  
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: EM MOTOR-NEMA NOM. EFF. 94.5% - GUAR. MIN. EFF. 94.1%

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



DR. BY D. F. DUNN  
 CK. BY D. M. BYRD  
 APP. BY D. M. BYRD  
 DATE 07-30-93

**A-C MOTOR PERFORMANCE CURVES**  
 A40WG0427-R001  
 ISSUE DATE 12/15/10