


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445TS	150	P	3/60	3570	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
164	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
0	0	---	---	.0292		
<b>PERFORMANCE</b>						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	34.7	3600	6.89	0	
1/4	37.5	59.2	3593	63.9	92.9	
2/4	75.1	90.3	3585	81.7	95.3	
3/4	113	125	3578	87.8	95.7	
4/4	150	164	3570	89.9	95.6	
5/4	187	204	3562	90.4	95.2	
<b>SPEED TORQUE</b>						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	138	304	1081	
PULL UP		288	110	242	997	
BREAKDOWN		3461	280	618	552	
FULL LOAD		3570	100	221	164	
<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 NEMA NOMINAL EFFICIENCY = 95.0 PCT.</p>						
		DR. BY	CD	<b>A-C MOTOR PERFORMANCE A44WG3535-R003 DATA</b>		
		CK. BY	CD			
		APP. BY	R. MCELVEEN			
		DATE	1/18/11			

REL S.O.

FRAME 445TS

HP 150

TYPE P

PHASE/HERTZ 3/60

RPM 3570

VOLTS 460

AMPS 164

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S 0

ROTOR 0

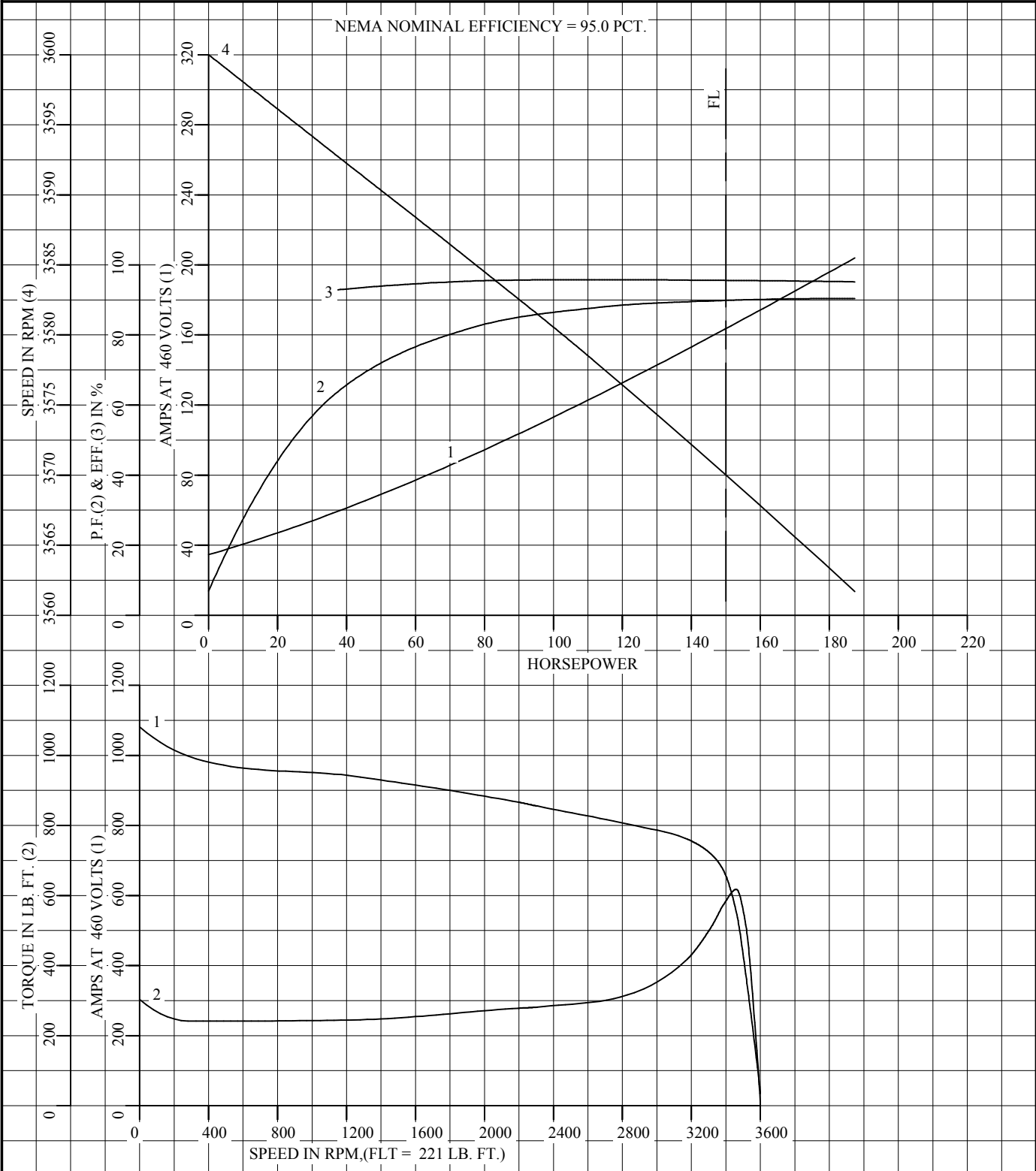
TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0292

OHMS (BETWEEN LINES)

NEMA NOMINAL EFFICIENCY = 95.0 PCT.



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



DR. BY CD  
 CK. BY CD  
 APP. BY R. MCELVEEN  
 DATE 1/18/11

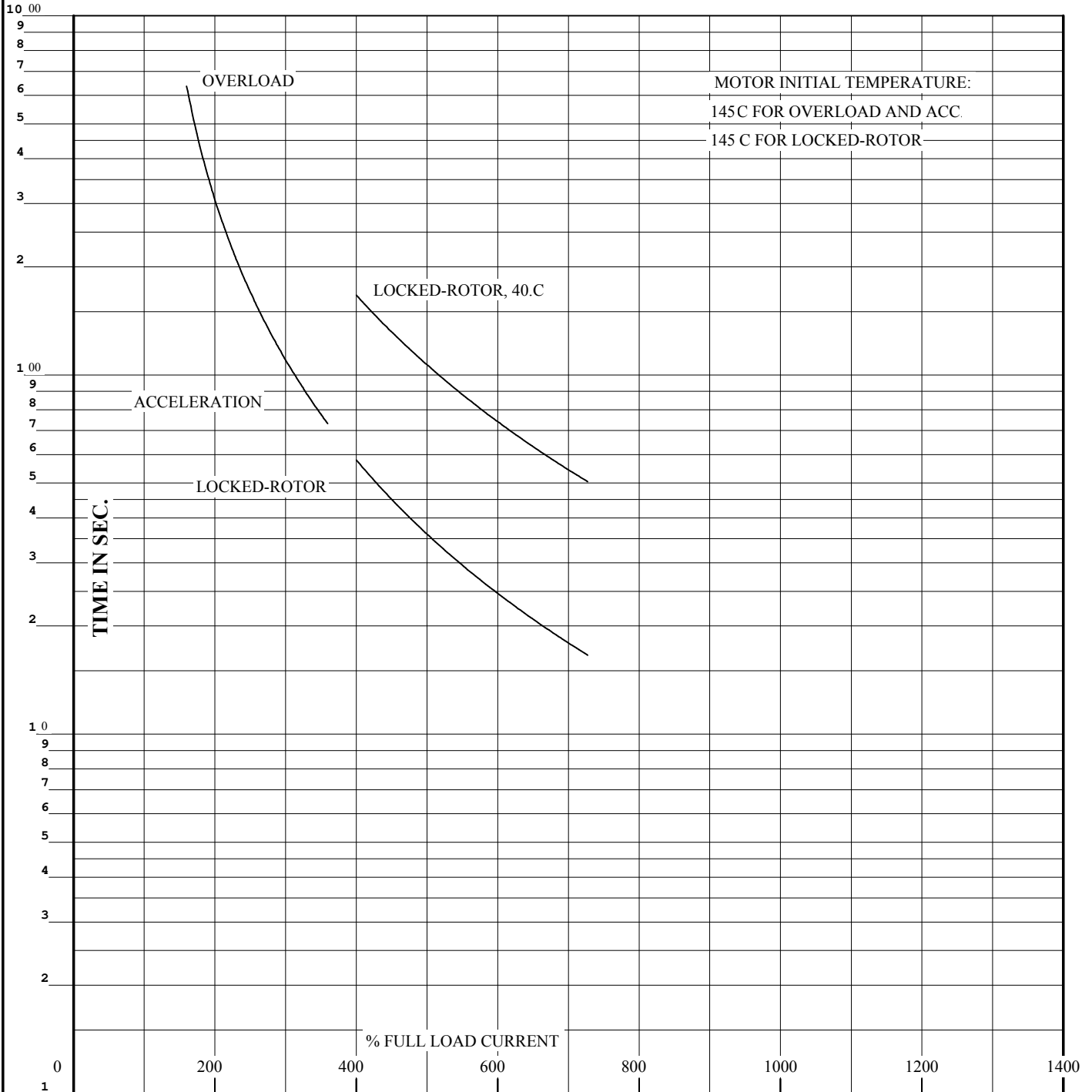
**A-C MOTOR PERFORMANCE CURVES**  
 A44WG3535-R003  
 ISSUE DATE 02/27/19

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

RPM 3570  
 VOLTS 460  
 AMPS 164  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE TEFC  
 E/S 0

ROTOR 0  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0292  
 OHMS (BETWEEN LINES)



MOTOR INITIAL TEMPERATURE:  
 145C FOR OVERLOAD AND ACC.  
 145 C FOR LOCKED-ROTOR

THERMAL LIMIT CURVE

REMARKS: NEMA NOMINAL EFFICIENCY = 95.0 PCT.

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



DR. BY CD  
 CK. BY CD  
 APP. BY R. MCELVEEN  
 DATE 1/18/11

**A-C MOTOR PERFORMANCE CURVES**  
 A44WG3535-R003  
 ISSUE DATE 02/27/19