


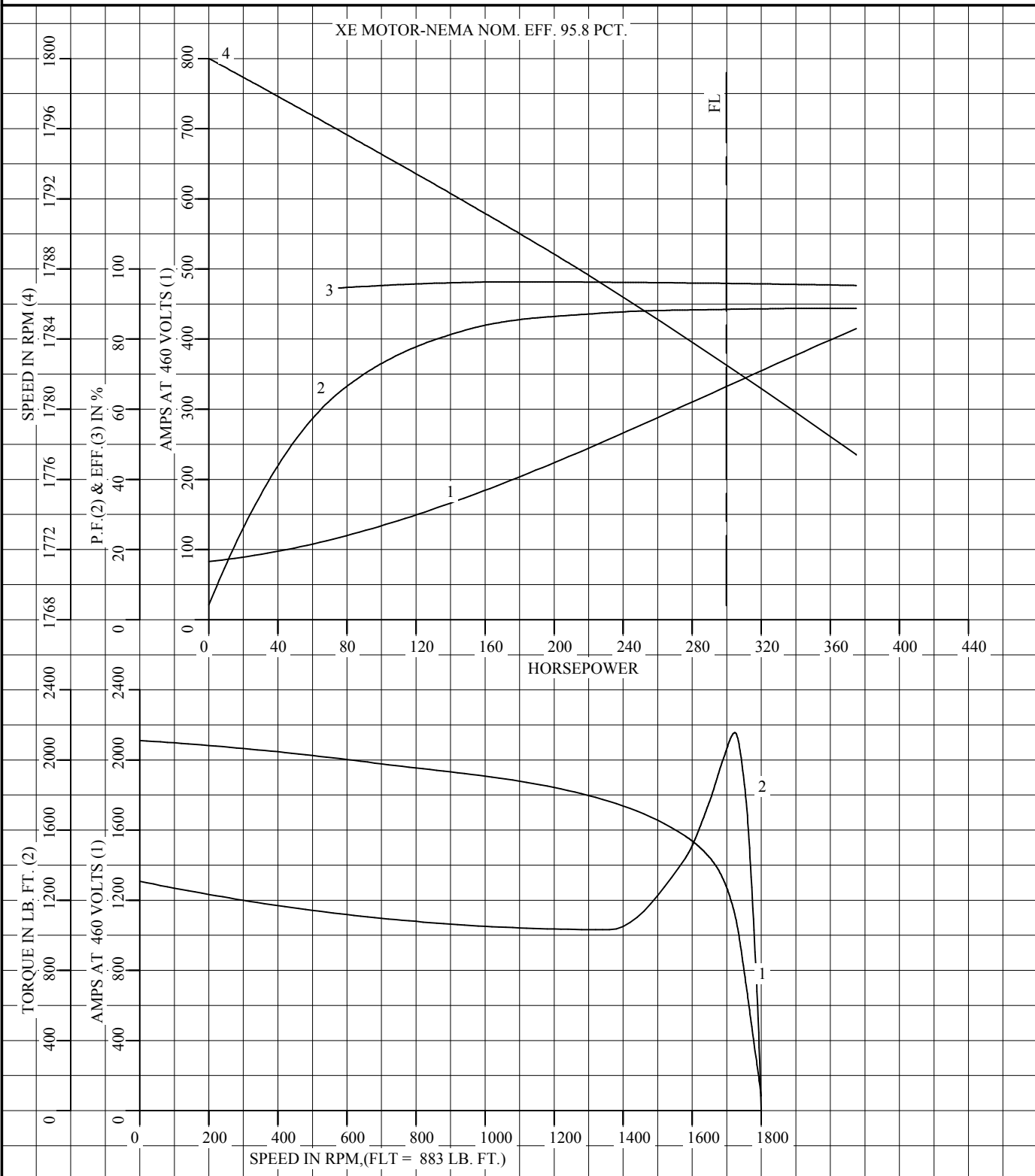
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS		
	449T	300	P	3/60	1785	460		
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.		
331	CONT	40/F	1.15	B	G	ODP		
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)				
833139	418143042ZEE	---	---	.0152				
<b>PERFORMANCE</b>								
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY			
NO LOAD	0	83.6	1800	4.22	0			
1/4	75.1	115	1796	64.7	94.6			
2/4	150	176	1792	82.7	96.2			
3/4	225	251	1787	87.3	96.2			
4/4	300	331	1783	88.5	95.9			
5/4	375	415	1777	88.7	95.3			
<b>SPEED TORQUE</b>								
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES			
LOCKED ROTOR		0	148	1308	2111			
PULL UP		1360	117	1032	1764			
BREAKDOWN		1724	244	2156	1114			
FULL LOAD		1783	100	883	331			
<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: CALCULATED DATA XE MOTOR-NEMA NOM. EFF. 95.8 PCT.</p>								
		DR. BY	G. R. WEBB		<b>A-C MOTOR PERFORMANCE A44WG4249-R001 DATA</b>			
		CK. BY	W. L. SMITH				ISSUE DATE	04/29/15
		APP. BY	W. L. SMITH					
		DATE	04/29/15					

REL S.O.  
 FRAME 449T  
 HP 300  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1785  
 VOLTS 460  
 AMPS 331  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE ODP  
 E/S 833139

ROTOR 418143042ZEE  
 TEST S.O. CALCULATED DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0152  
 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 G. R. WEBB  
 CK. BY W. L. SMITH  
 APP. BY W. L. SMITH  
 DATE 04/29/15

A-C MOTOR PERFORMANCE CURVES  
 A44WG4249-R001  
 ISSUE DATE 04/29/15