


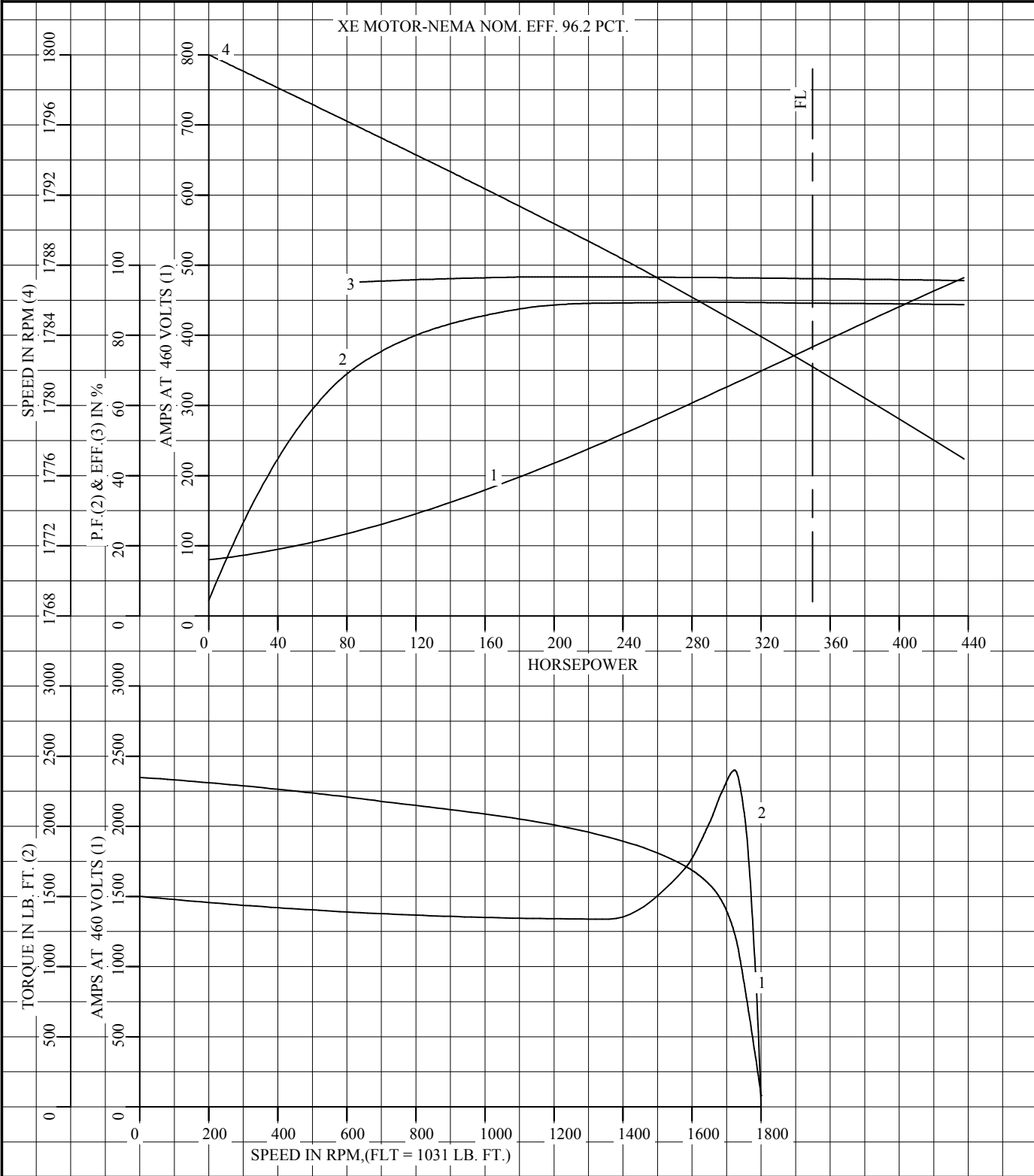
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	350	P	3/60	1780	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
382	CONT	40/B	1.15	B	F	PRXE
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
433856	418143049LE	---	---	.0126		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	80.6	1800	4.45	0	
1/4	87.6	120	1796	71.8	95.2	
2/4	175	195	1792	87.1	96.6	
3/4	262	285	1787	89.4	96.6	
4/4	350	382	1782	89.2	96.2	
5/4	438	483	1777	88.8	95.6	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	146	1501	2349	
PULL UP		1360	130	1339	1921	
BREAKDOWN		1723	233	2400	1233	
FULL LOAD		1782	100	1031	382	
<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. 96.2 PCT.</p>						
		DR. BY <u>W. L. SMITH</u>		<b>A-C MOTOR</b> <b>PERFORMANCE A44WG3196-R001</b> <b>DATA</b> ISSUE DATE 07/25/05		
		CK. BY <u>J. J. HARRISON</u>				
		APP. BY <u>W. L. SMITH</u>				
		DATE <u>07/27/05</u>				

REL S.O.  
 FRAME 449T  
 HP 350  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1780  
 VOLTS 460  
 AMPS 382  
 DUTY CONT  
 AMB °C/INSUL 40/B

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER F  
 ENCLOSURE PRXE  
 E/S 433856

ROTOR 418143049LE  
 TEST S.O. CALCULATED DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0126  
 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 W. L. SMITH  
 CK. BY J.J.HARRISON  
 APP. BY W. L. SMITH  
 DATE 07/27/05

**A-C MOTOR PERFORMANCE CURVES**  
 A44WG3196-R001  
 ISSUE DATE 07/25/05