

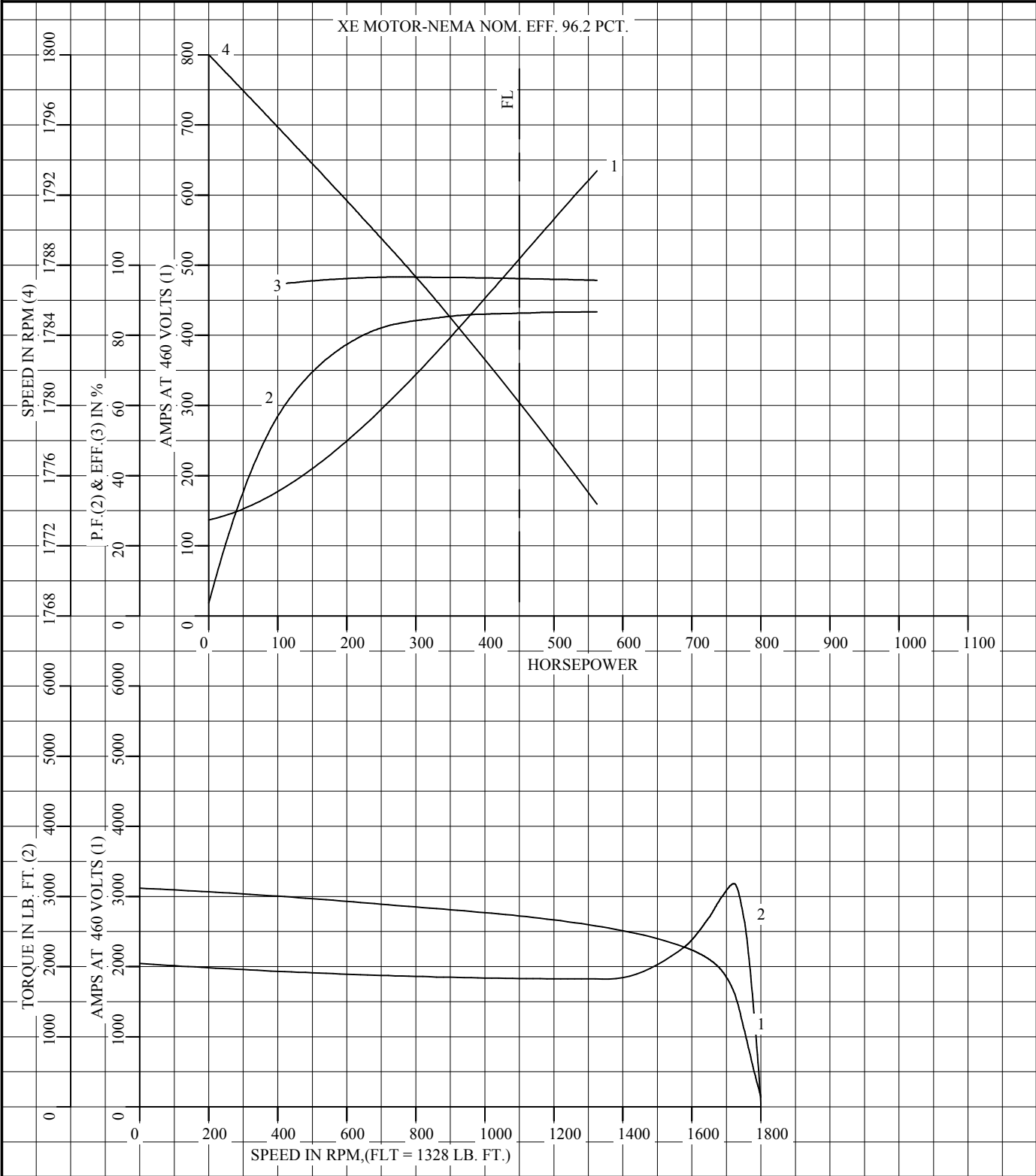
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS	
	449T	450	P	3/60	1780	460	
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.	
507	CONT	40/B	1.15	B	F	PRXE	
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)			
433784	418143043BE	---	---	.00749			
PERFORMANCE							
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY		
NO LOAD	0	137	1800	3.65	0		
1/4	113	183	1795	60.7	94.8		
2/4	225	273	1791	80.1	96.4		
3/4	337	384	1786	85.1	96.5		
4/4	450	507	1780	86.3	96.2		
5/4	563	635	1774	86.7	95.7		
SPEED TORQUE							
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR		0	154	2044	3117		
PULL UP		1360	137	1823	2548		
BREAKDOWN		1723	240	3183	1628		
FULL LOAD		1780	100	1328	507		
<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>							
<b>BALDOR</b>		DR. BY <u>W. L. SMITH</u> CK. BY <u>R. H. KIRK</u> APP. BY <u>K. W. KANOUFF</u> DATE <u>09/27/04</u>		<b>A-C MOTOR  PERFORMANCE A44WG3143-R001  DATA</b>			ISSUE DATE 09/24/04

REL S.O.  
 FRAME 449T  
 HP 450  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1780  
 VOLTS 460  
 AMPS 507  
 DUTY CONT  
 AMB °C/INSUL 40/B

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER F  
 ENCLOSURE PRXE  
 E/S 433784

ROTOR 418143043BE  
 TEST S.O. CALCULATED DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .00749  
 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 R. H. KIRK  
 APP. BY K.W.KANOUFF  
 DATE 09/27/04

**A-C MOTOR**  
**PERFORMANCE** A44WG3143-R001  
**CURVES** ISSUE DATE 09/24/04