
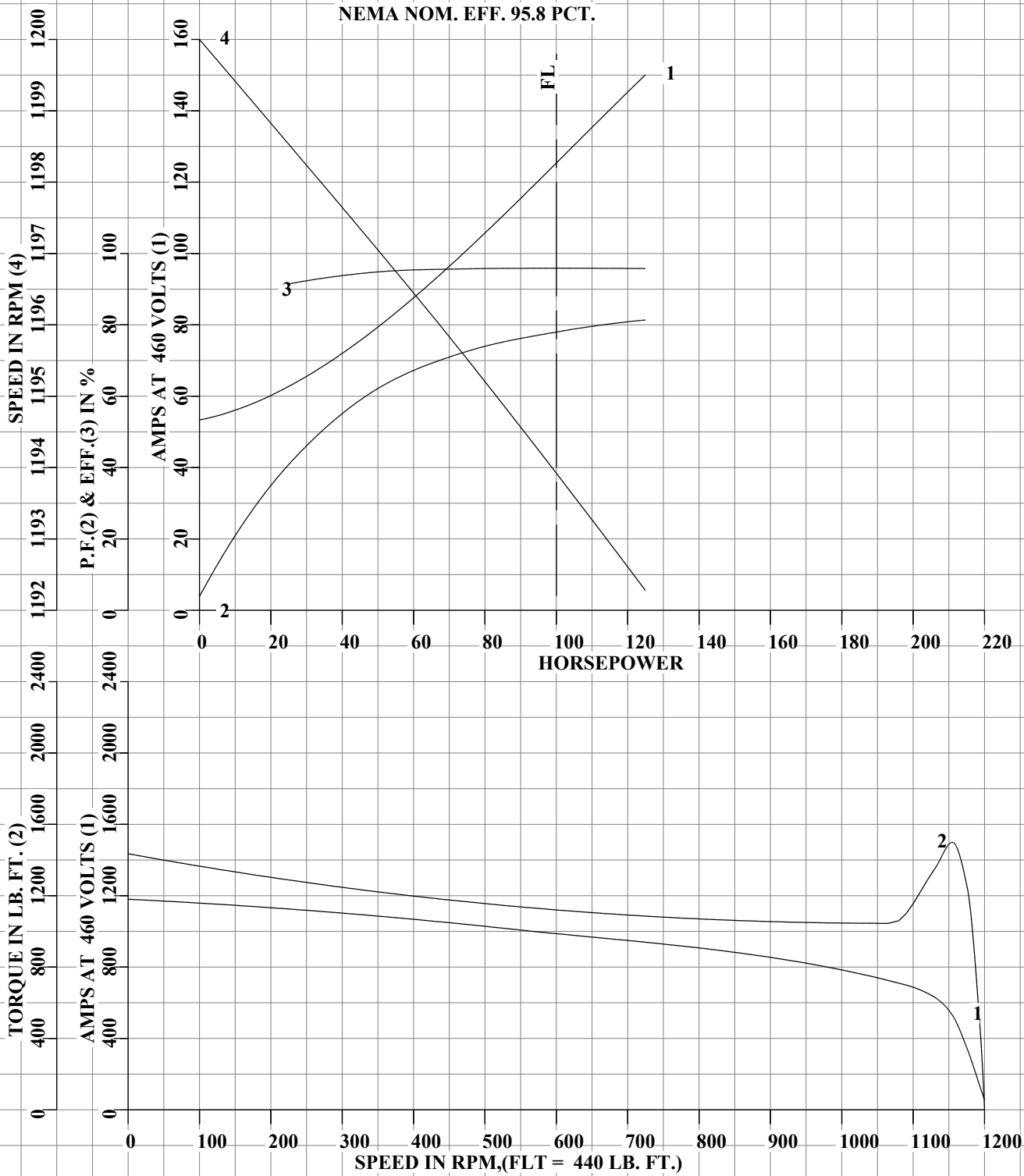


S/O	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445T	100	P	3/60	1195	460
AMPS	DUTY	AMB °C/ INSUL	S.F.	NEMA DESIGN	CODE LETTER	ENCLOSURE
125	CONT	40/F	1.15	A	K	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
-	418143080NE	---	---	.0282		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	53.4	1200	3.86	0	
1/4	25.0	62.7	1199	40.8	91.5	
2/4	50.0	79.4	1197	62.2	94.8	
3/4	75.0	101	1196	72.6	95.7	
4/4	100	125	1194	78.0	95.9	
5/4	125	150	1192	81.4	95.8	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	326	1435	1180	
PULL UP		1070	238	1045	720	
BREAKDOWN		1155	341	1500	530	
FULL LOAD		1194	100	440	125	
AMPERES SHOWN FOR 460 VOLT CONNECTION. IF OTHER CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.						
CALCULATED DATA NEMA NOM. EFF. 95.8 PCT.						
		DRAWN BY: <u>W. L. SMITH</u> CHECKED BY: <u>C.E.JAMISON</u> APPROVED BY: <u>W. L. SMITH</u> DATE: <u>11/20/24</u>		AC MOTOR PERFORMANCE DATA		A44WG0698-R002
						DATE ISSUED 11/20/24

REL S.O.	RPM 1195	S.F. 1.15	ROTOR 418143080NE
FRAME 445T	VOLTS 460	NEMA DESIGN A	TEST S.O. CALCULATED DATA
HP 100	AMPS 125	CODE LETTER K	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0282
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S -	OHMS (BETWEEN LINES)



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



DRAWN BY: W. L. SMITH  
 CHECKED BY: C.E. JAMISON  
 APPROVED BY: W. L. SMITH  
 DATE: 11/20/24

AC MOTOR  
 PERFORMANCE  
 DATA

**A44WG0698-R002**

ISSUE DATE 11/20/24