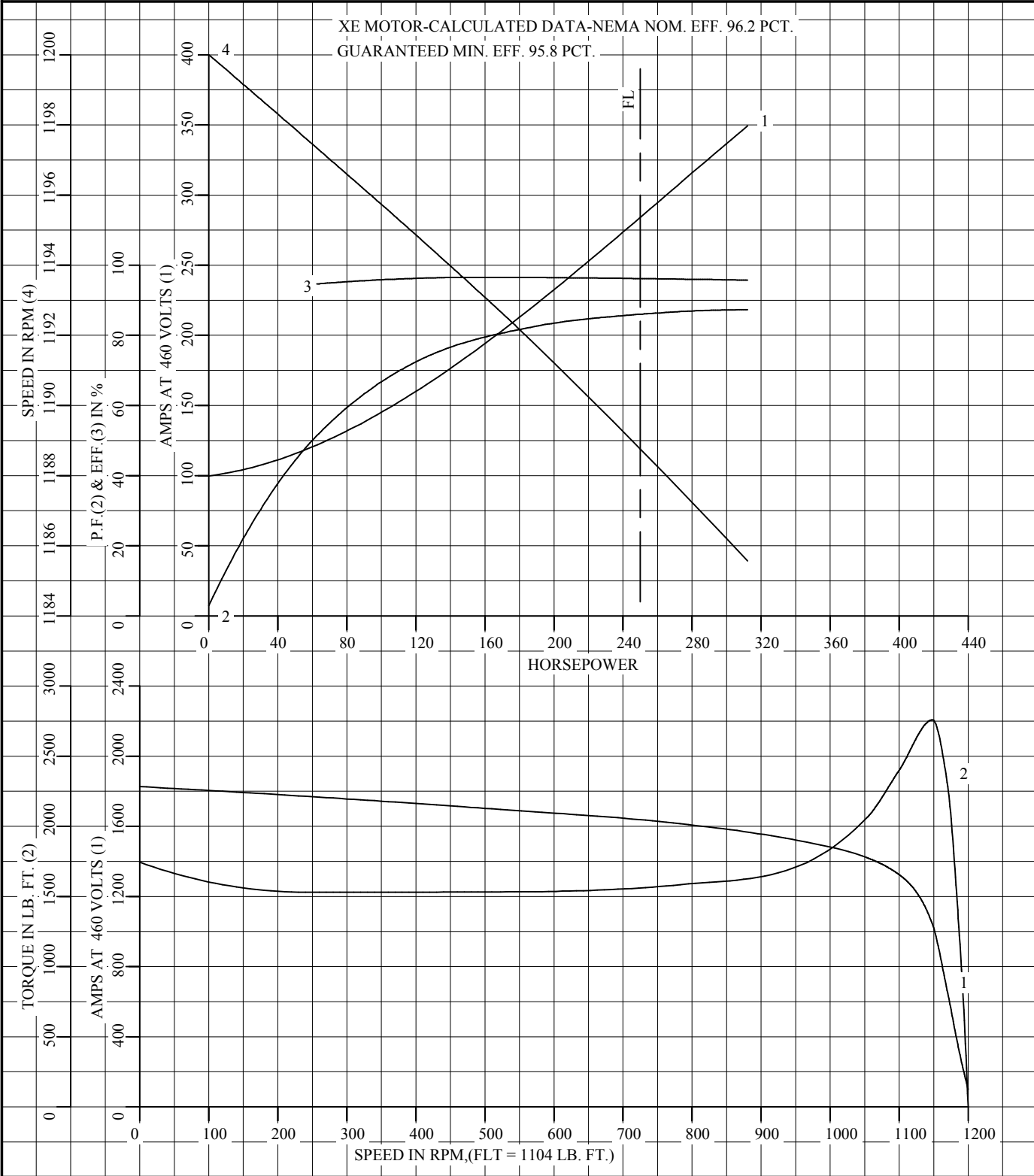


REL S.O.
 FRAME 449T
 HP 250
 TYPE P
 PHASE/HERTZ 3/60

RPM 1188
 VOLTS 460
 AMPS 283
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE FCXE
 E/S 401799

ROTOR 418143090SE
 TEST S.O. ---
 TEST DATE ---
 STATOR RES. @ 25 °C .0158
 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 B.R.PENDLEY
 CK. BY C.P.WILLBY
 APP. BY C.P.WILLBY
 DATE 12/16/12

A-C MOTOR PERFORMANCE CURVES
 A44WG0351-R004
 ISSUE DATE 12/16/12

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	250	P	3/60	1188	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
283	CONT	40/F	1.15	B	G	FCXE
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
401799	418143090SE	---	---	.0158		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	100	1200	2.92	0	
1/4	62.6	120	1197	51.4	94.6	
2/4	125	165	1195	73.6	96.3	
3/4	187	221	1192	82.4	96.5	
4/4	250	283	1189	86.0	96.2	
5/4	312	350	1186	87.3	95.7	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	158	1744	1827	
PULL UP		240	139	1531	1771	
BREAKDOWN		1148	250	2759	1039	
FULL LOAD		1189	100	1104	283	
<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: XE MOTOR-CALCULATED DATA-NEMA NOM. EFF. 96.2 PCT. GUARANTEED MIN. EFF. 95.8 PCT.</p>						
		DR. BY <u>B. R. PENDLEY</u>		A-C MOTOR PERFORMANCE A44WG0351-R004 DATA ISSUE DATE 12/16/12		
		CK. BY <u>C. P. WILLEY</u>				
		APP. BY <u>C. P. WILLEY</u>				
		DATE <u>12/16/12</u>				