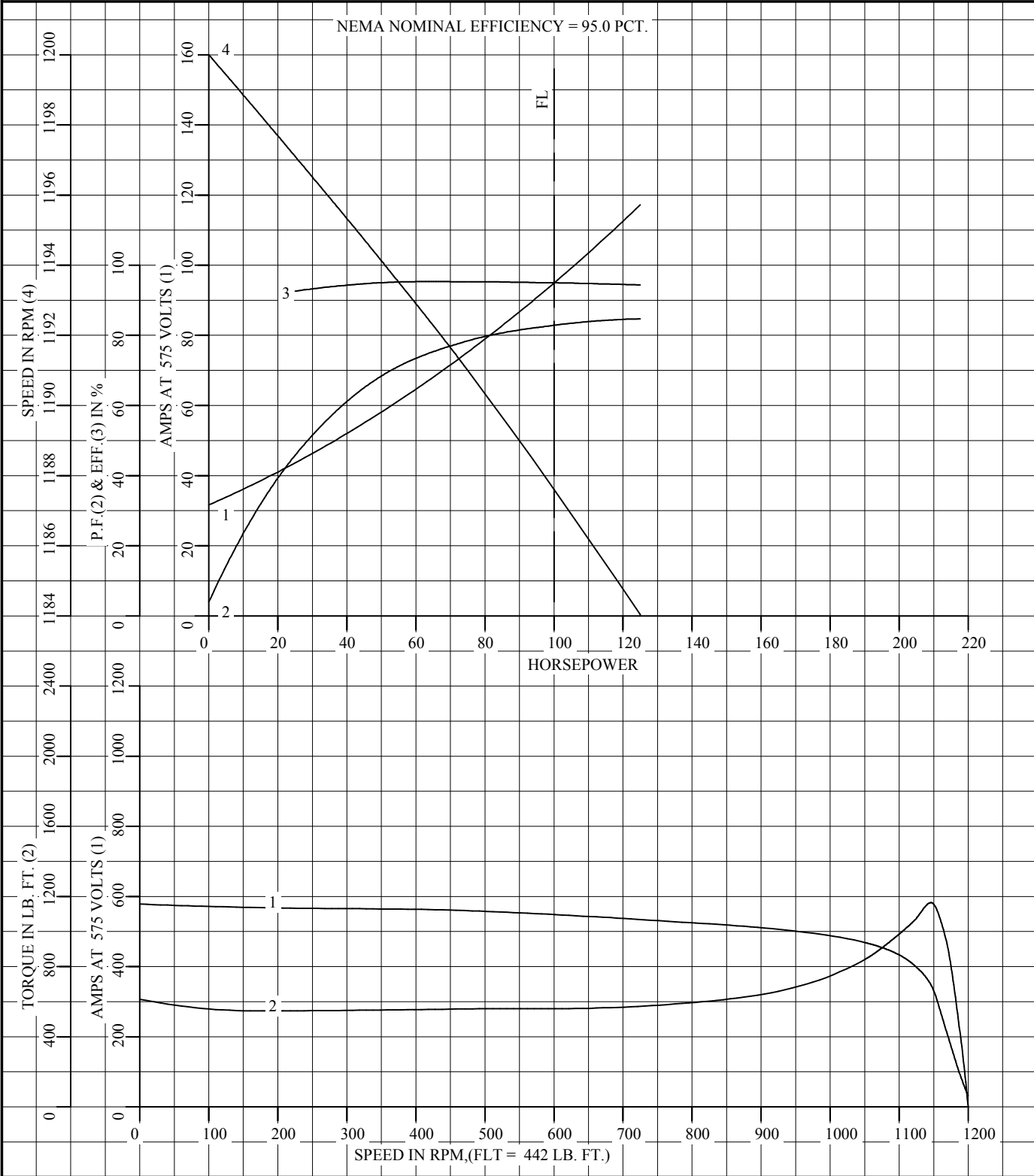


REL S.O.
 FRAME 444T
 HP 100
 TYPE P
 PHASE/HERTZ 3/60

RPM 1190
 VOLTS 575
 AMPS 95.2
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE FCXE
 E/S 497820

ROTOR 418143098VE
 TEST S.O. CALCULATED DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0855
 OHMS (BETWEEN LINES)




AMPERES SHOWN FOR 575 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY J.P. TSAO
 CK. BY W.L. SMITH
 APP. BY W.L. SMITH
 DATE 10/26/11

A-C MOTOR
PERFORMANCE A44WG4105-R001
CURVES ISSUE DATE 10/26/11

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	444T	100	P	3/60	1190	575
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
95.2	CONT	40/F	1.15	B	G	FCXE
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
497820	418143098VE	---	---	.0855		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	31.5	1200	4.00	0	
1/4	25.0	44.2	1197	45.8	92.6	
2/4	50.0	57.7	1194	68.4	95.0	
3/4	75.0	75.2	1191	78.4	95.3	
4/4	100	95.2	1188	82.9	95.0	
5/4	125	117	1184	84.7	94.4	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	139	614	578	
PULL UP		168	124	548	568	
BREAKDOWN		1146	263	1165	347	
FULL LOAD		1188	100	442	95.2	
<p>AMPERES SHOWN FOR 575. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: CALCULATED DATA NEMA NOMINAL EFFICIENCY = 95.0 PCT.</p>						
		DR. BY <u>J. P. TSAO</u>			A-C MOTOR PERFORMANCE A44WG4105-R001 DATA ISSUE DATE 10/26/11	
		CK. BY <u>W. L. SMITH</u>				
		APP. BY <u>W. L. SMITH</u>				
		DATE <u>10/26/11</u>				