

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	500	P	3/60	3565	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
544	CONT	40/F	1.15	B	F	PRXE
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
433535	418143-13-NE	---	---	.00642		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	122	3600	4.29	0	
1/4	125	177	3592	69.6	95.2	
2/4	250	281	3584	86.3	96.6	
3/4	375	407	3576	89.1	96.7	
4/4	500	544	3567	89.3	96.4	
5/4	625	684	3557	89.1	96.0	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	210	1543	3225	
PULL UP		2550	148	1089	1957	
BREAKDOWN		3470	213	1565	1550	
FULL LOAD		3567	100	736	544	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: XE-MOTOR-CALCULATED DATA-NEMA NOM. 96.2 PCT.						
		DR. BY J.J.HARRISON		A-C MOTOR PERFORMANCE A44WG2745-R001 DATA ISSUE DATE 05/03/04		
		CK. BY W.L. SMITH				
		APP. BY W.L. SMITH				
		DATE 05/03/04				

REL S.O.

FRAME 449T

HP 500

TYPE P

PHASE/HERTZ 3/60

RPM 3565

VOLTS 460

AMPS 544

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE PRXE

E/S 433535

ROTOR 418143-13-NE

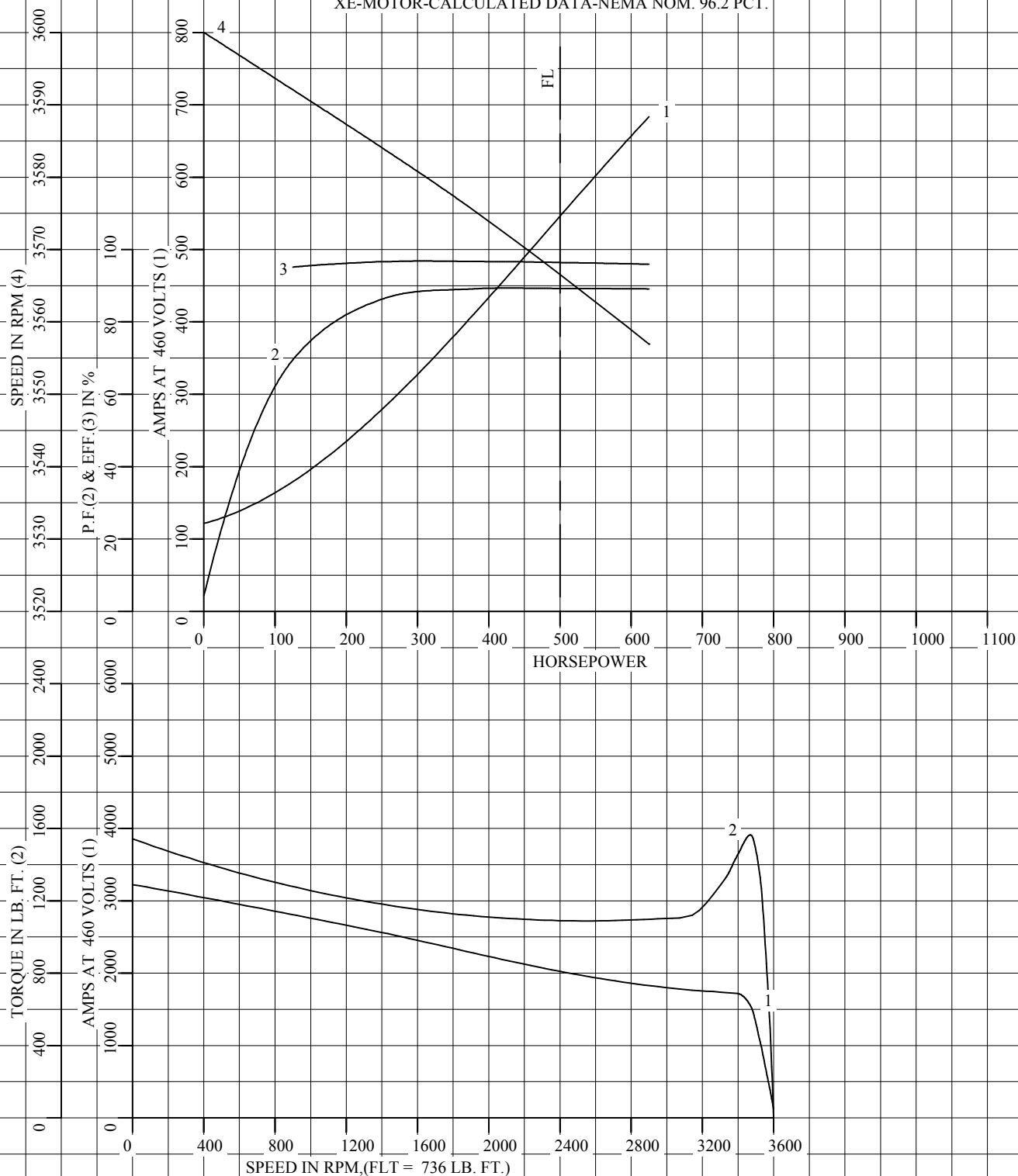
TEST S.O. ---

TEST DATE ---

STATOR RES. @ 25 °C .00642

OHMS (BETWEEN LINES)

XE-MOTOR-CALCULATED DATA-NEMA NOM. 96.2 PCT.



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

BALDOR
A MEMBER OF THE ABB GROUP

DR. BY J.J. HARRISON
CK. BY W.L. SMITH
APP. BY W.L. SMITH
DATE 05/03/04

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG2745-R001
ISSUE DATE 05/03/04