

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	400	P	3/60	1780	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
437	CONT	40/F	1.15	B	F	PROT
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
433997	418143049GE	---	---	.0107		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	97.7	1800	4.12	0	
1/4	100	142	1796	69.5	95.3	
2/4	200	226	1792	85.8	96.6	
3/4	300	327	1788	88.7	96.6	
4/4	400	437	1783	88.9	96.2	
5/4	500	551	1778	88.8	95.7	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	153	1798	2819	
PULL UP		1360	136	1606	2308	
BREAKDOWN		1724	245	2880	1477	
FULL LOAD		1783	100	1177	437	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: CALCULATED DATA XE MOTOR-NEMA NOM. EFF. 96.2 PCT.						
		DR. BY G. R. WEBB CK. BY W. L. SMITH APP. BY W. L. SMITH DATE 04/02/14		A-C MOTOR PERFORMANCE DATA A44WG3164-R003 ISSUE DATE 04/02/14		

REL S.O.

FRAME 449T

HP 400

TYPE P

PHASE/HERTZ 3/60

RPM 1780

VOLTS 460

AMPS 437

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE PROT

E/S 433997

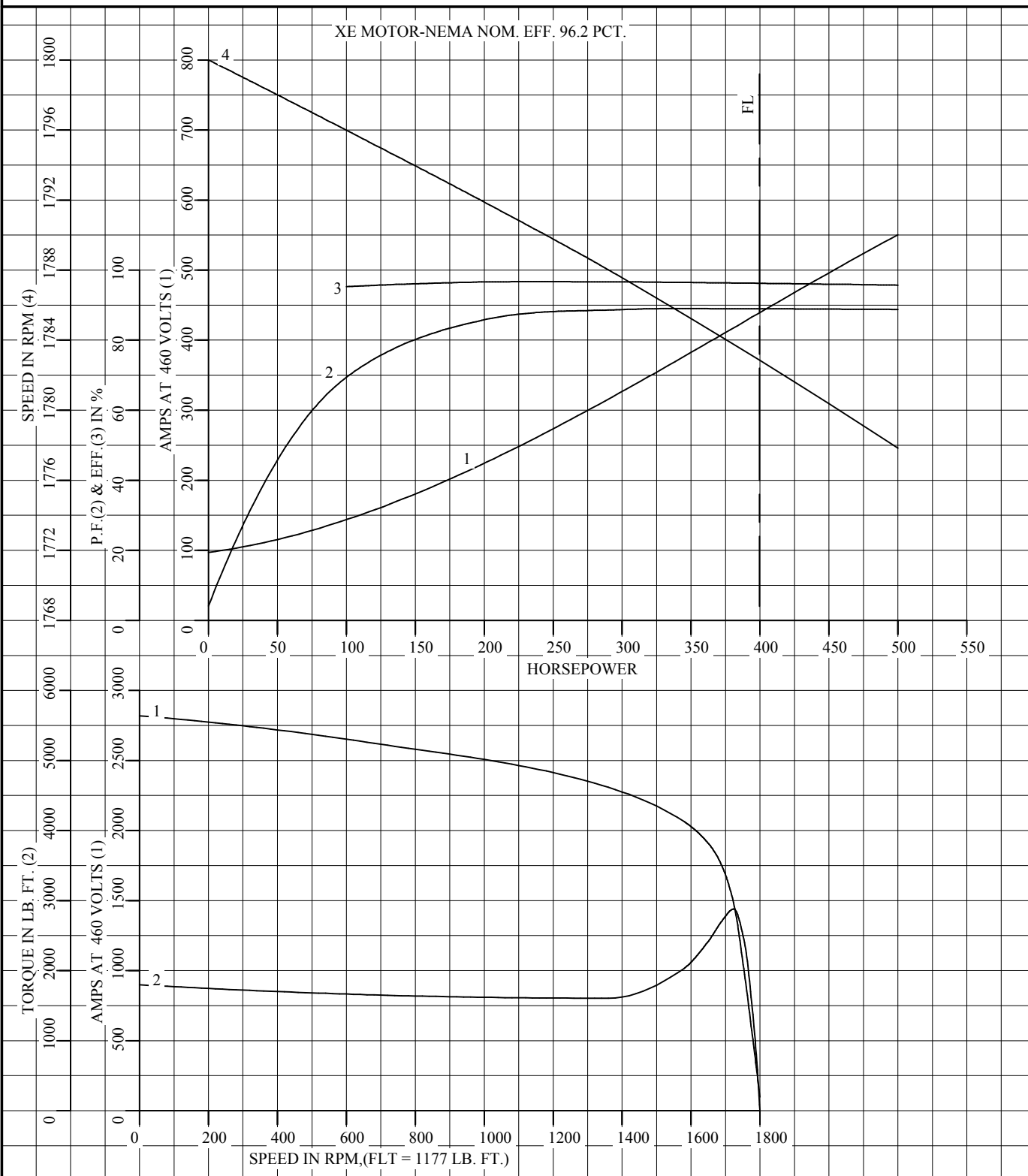
ROTOR 418143049GE

TEST S.O. CALCULATED DATA

TEST DATE ---

STATOR RES. @ 25 °C .0107

OHMS (BETWEEN LINES)



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 G. R. WEBB
CK. BY W. L. SMITH
APP. BY W. L. SMITH
DATE 04/02/14

**A-C MOTOR
PERFORMANCE
CURVES**

A44WG3164-R003
ISSUE DATE 04/02/14