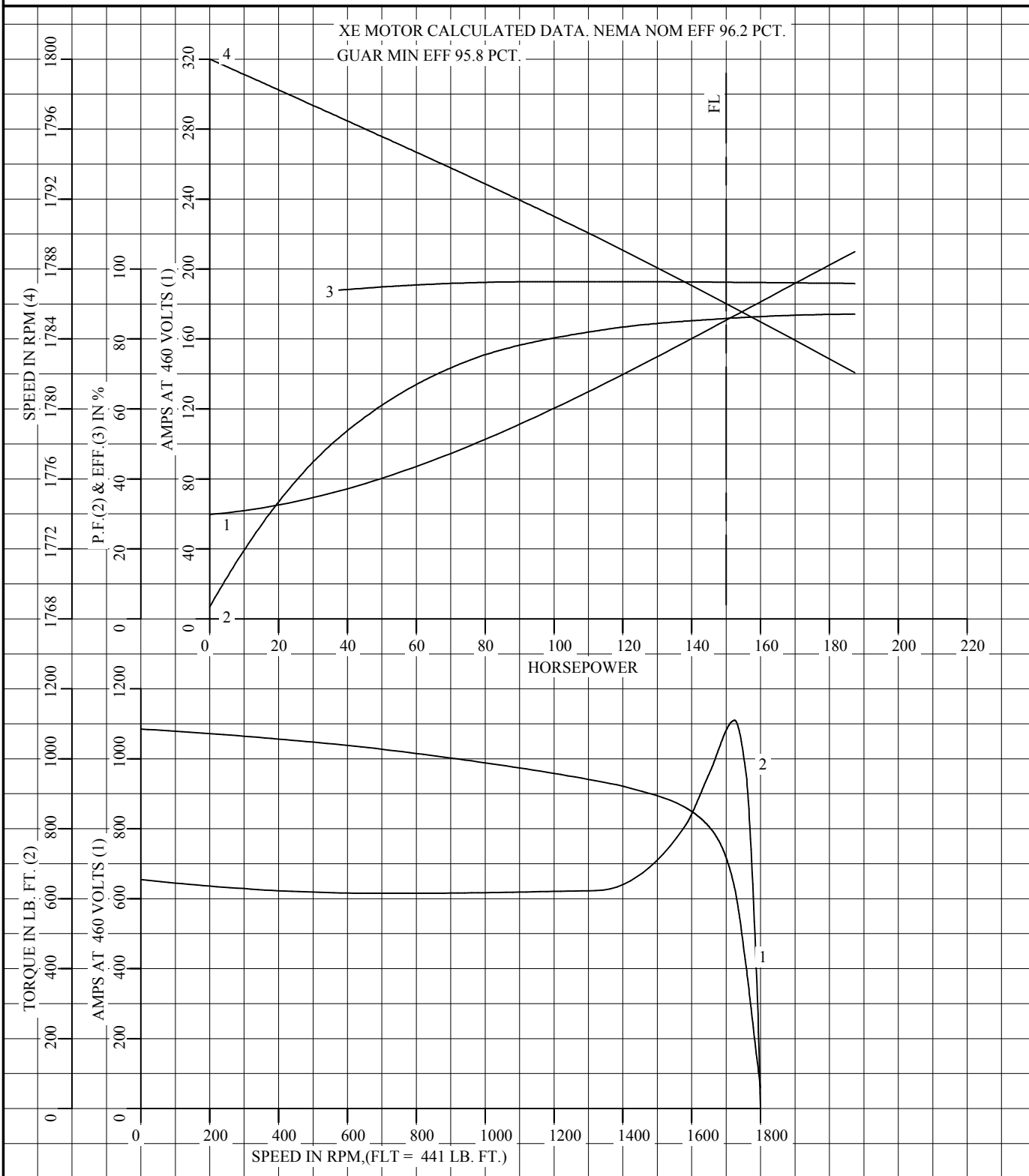


REL S.O.
FRAME 445T
HP 150
TYPE P
PHASE/HERTZ 3/60

RPM 1785
VOLTS 460
AMPS 170
DUTY CONT
AMB °C/INSUL 40/B

S.F. 1.15
NEMA DESIGN B
CODE LETTER G
ENCLOSURE PRXE
E/S 497412

ROTOR 418143-040-PE
TEST S.O. ---
TEST DATE ---
STATOR RES. @ 25 °C .0318
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

DR. BY B.R.PENDLEY
CK. BY W.L.SMITH
APP. BY W.L.SMITH
DATE 12/02/10

**A-C MOTOR
PERFORMANCE
CURVES** A44WG2178-R001
ISSUE DATE 12/02/10

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445T	150	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
170	CONT	40/B	1.15	B	G	PRXE
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
497412	418143-040-PE	---	---	.0318		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	59.9	1800	3.40	0	
1/4	37.5	72.2	1797	51.8	94.0	
2/4	75.0	99.1	1793	73.7	96.1	
3/4	112	133	1790	82.3	96.4	
4/4	150	170	1786	85.9	96.2	
5/4	187	210	1782	87.1	95.9	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	148	655	1085	
PULL UP		720	139	615	1025	
BREAKDOWN		1725	252	1110	630	
FULL LOAD		1786	100	441	170	
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 EFF 96.2 PCT. GUAR MIN EFF 95.8 PCT.						
		DR. BY <u>B.R.PENDLEY</u> CK. BY <u>W.L.SMITH</u> APP. BY <u>W.L.SMITH</u> DATE <u>12/02/10</u>		A-C MOTOR PERFORMANCE DATA A44WG2178-R001 ISSUE DATE 12/02/10		