


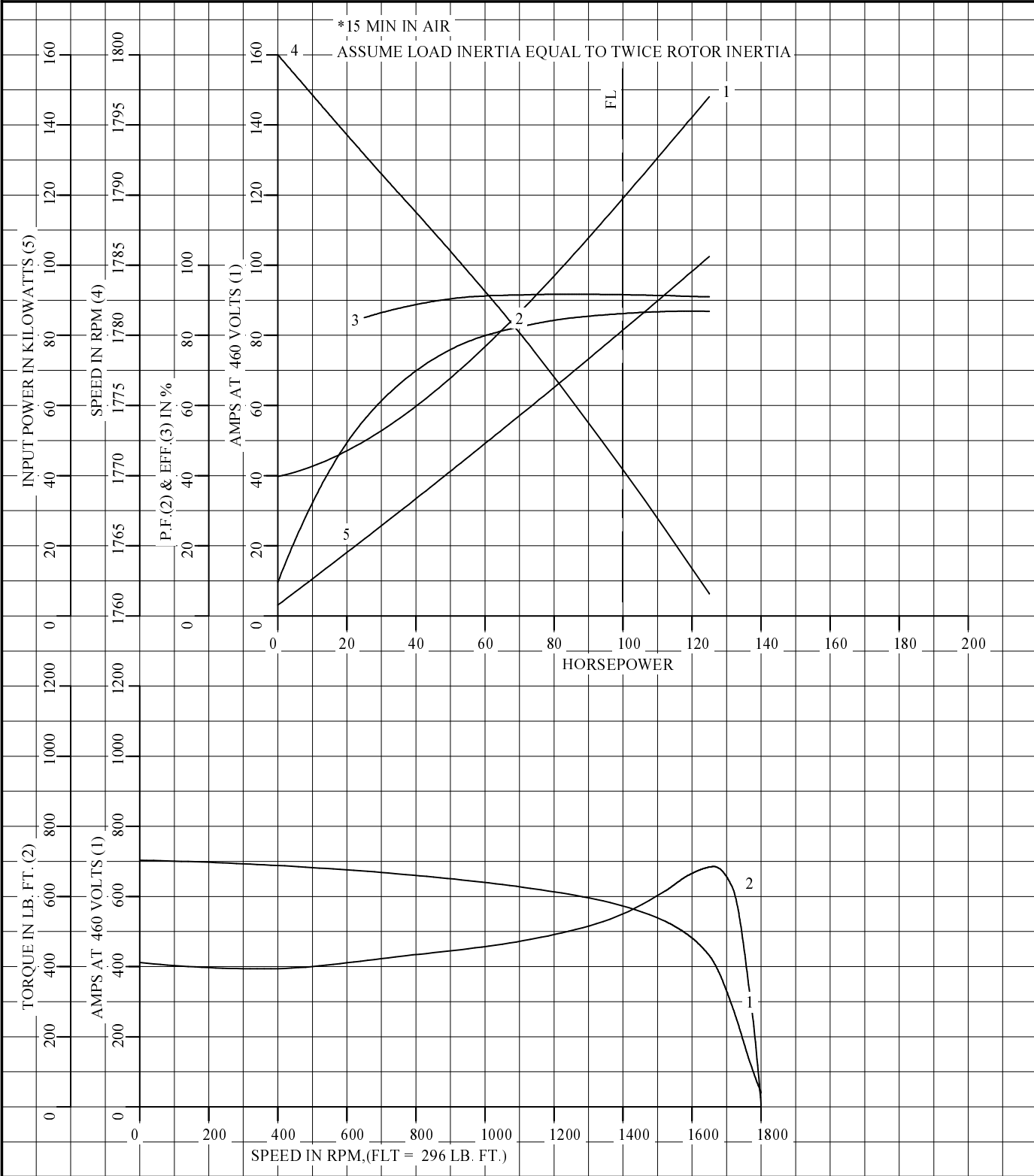
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	360TY	100	P	3/60	1770	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
116	*	40/F	1.15	B	G	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
492294	418141-30-WE	---	---	.0880		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	39.9	1800	3.07	9.66	0
1/4	25.0	49.3	1793	22.0	55.9	85.0
2/4	50.0	68.2	1786	41.3	76.0	90.4
3/4	74.9	91.9	1779	61.0	83.4	91.6
4/4	99.9	119	1771	81.4	86.2	91.6
5/4	125	148	1762	103	86.8	90.9
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	139	412	703	
PULL UP		360	133	393	690	
BREAKDOWN		1664	231	685	411	
FULL LOAD		1771	100	296	119	
<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: TYPICAL DATA *15 MIN IN AIR ASSUME LOAD INERTIA EQUAL TO TWICE ROTOR INERTIA</p>						
		DR. BY <u>D. M. BYRD</u>		A-C MOTOR PERFORMANCE E09838-A-D003 DATA		
		CK. BY <u>Z. M. WOLFE</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>02/19/09</u>				

REL S.O.
 FRAME 360TY
 HP 100
 TYPE P
 PHASE/HERTZ 3/60

RPM 1770
 VOLTS 460
 AMPS 116
 DUTY *
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE SUB
 E/S 492294

ROTOR 418141-30-WE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0880
 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 D. M. BYRD
 CK. BY Z. M. WOLFE
 APP. BY D. M. BYRD
 DATE 02/19/09

A-C MOTOR
 PERFORMANCE CURVES
 E09838-A-D003
 ISSUE DATE 02/19/09