


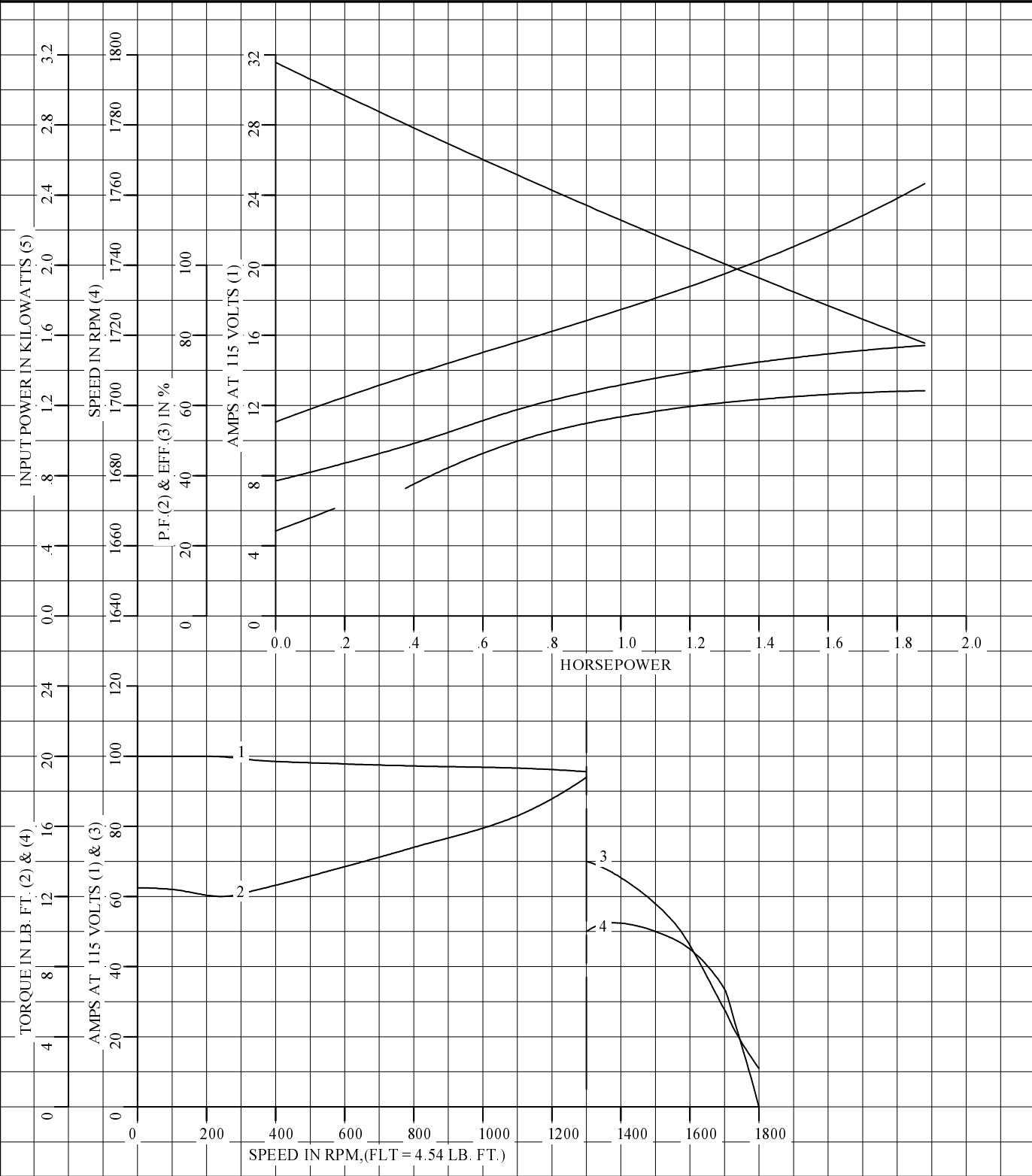
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
-	180TY	1.5	CS	1/60	1735	115
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
21	*	40/F	1.15	-	M	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @ 25 °C OHMS (BETWEEN LINES)		
-	418424-50BE	-	-	.2925/1.698		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	11.0	1800	.486	38.5	0
1/4	.38	13.8	1776	.771	48.4	36.3
2/4	.75	15.8	1764	1.09	60.2	51.3
3/4	1.12	18.2	1750	1.43	68.2	58.7
4/4	1.50	21.2	1734	1.79	73.6	62.5
5/4	1.88	24.6	1717	2.18	77.1	64.2
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	275	12.5	100	
PULL UP		1300	220	10.0	70.0	
BREAKDOWN		1368	231	10.5	67.2	
FULL LOAD		1734	100	4.54	21.0	
<p>AMPERES SHOWN FOR 115. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: CALCULATED DATA *15 MIN IN AIR CONT IN LIQUID</p>						
		DR. BY <u>D. M. BYRD</u>		A-C MOTOR PERFORMANCE A00081-A-A002 DATA ISSUE DATE 10/22/04		
		CK. BY <u>-</u> APP. BY <u>D. M. BYRD</u> DATE <u>10/22/04</u>				

REL S.O. -
 FRAME 180TY
 HP 1.5
 TYPE CS
 PHASE/HERTZ 1/60

RPM 1735
 VOLTS 115
 AMPS 21
 DUTY *
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN -
 CODE LETTER M
 ENCLOSURE SUB
 E/S -

ROTOR 418424-50BE
 TEST S.O. CALCULATED DATA
 TEST DATE -
 STATOR RES. @ 25 °C .2925/1.698
 OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 115 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY D. M. BYRD
 CK. BY -
 APP. BY D. M. BYRD
 DATE 10/22/04

A-C MOTOR PERFORMANCE CURVES
 A00081-A-A002
 ISSUE DATE 10/22/04