


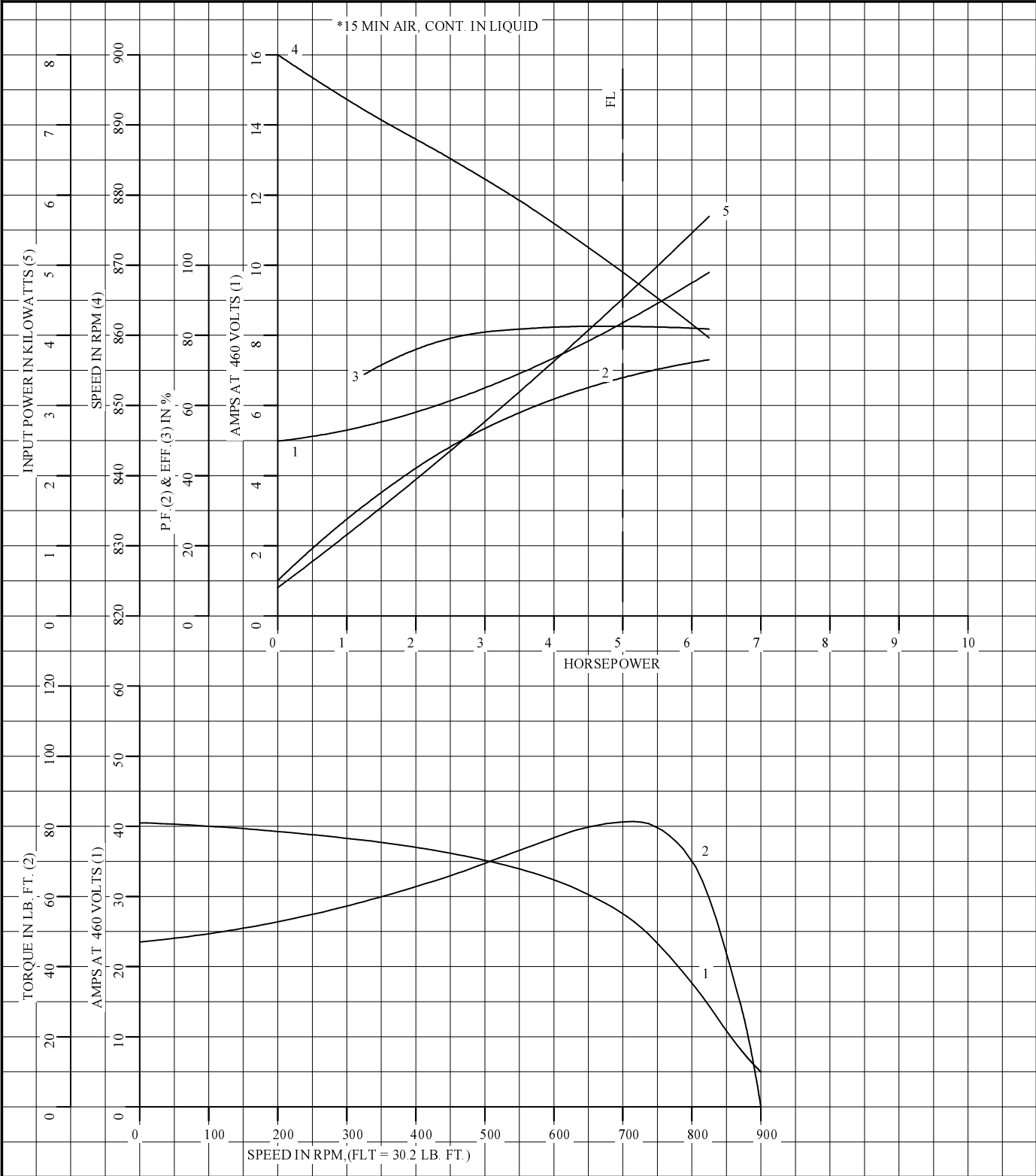
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	210TY	5	P	3/60	870	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
8.3	*	40/F	1.15	B	H	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
537250	418425-55BE	---	---	2.21		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	5.0	900	.400	10.1	0
1/4	1.25	5.4	892	1.36	31.5	68.9
2/4	2.50	6.1	885	2.36	48.2	79.1
3/4	3.75	7.1	878	3.41	59.9	82.1
4/4	5.00	8.3	869	4.52	67.9	82.6
5/4	6.25	9.8	860	5.70	73.0	81.8
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	156	47.0	40.5	
PULL UP		0	156	47.0	40.5	
BREAKDOWN		717	269	81.4	26.3	
FULL LOAD		869	100	30.2	8.3	
<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: CALCULATED DATA *15 MIN AIR, CONT. IN LIQUID</p>						
		DR. BY <u>D. M. BYRD</u>		<b>A-C MOTOR</b> <b>PERFORMANCE E02826-B-E001</b> <b>DATA</b>		
		CK. BY <u>T. S. WILLIAMS</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>03/31/06</u>				

REL S.O.  
 FRAME 210TY  
 HP 5  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 870  
 VOLTS 460  
 AMPS 8.3  
 DUTY \*  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER H  
 ENCLOSURE SUB  
 E/S 537250

ROTOR 418425-55BE  
 TEST S.O. CALCULATED DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C 2.21  
 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 T. S. WILLIAMS  
 APP. BY D. M. BYRD  
 DATE 03/31/06

**A-C MOTOR  
 PERFORMANCE CURVES** E02826-B-E001  
 ISSUE DATE 03/31/06