


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS		
	180TY	7.5	P	3/60	1730	230/460		
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.		
20.2/10.1	*	40/F	1.15	B	H	SUB		
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)				
535642	418424037YE	---	---	.533/2.13				
PERFORMANCE								
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY		
NO LOAD	0	3.9	1800	.523	16.8	0		
1/4	1.88	4.6	1783	1.96	53.1	71.5		
2/4	3.75	6.0	1768	3.47	72.1	80.7		
3/4	5.63	7.9	1751	5.07	80.1	82.9		
4/4	7.50	10.1	1732	6.76	83.9	82.7		
5/4	9.37	12.6	1709	8.59	85.9	81.4		
SPEED TORQUE								
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES			
LOCKED ROTOR		0	198	45.0	62.5			
PULL UP		400	180	41.0	60.0			
BREAKDOWN		1400	281	64.0	37.9			
FULL LOAD		1732	100	22.7	10.1			
<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 SUBMERISBLE MOTOR *15MIN IN AIR, CONT IN LIQUID</p>								
		DR. BY	D. M. BYRD		A-C MOTOR PERFORMANCE E02757-A-A010 DATA			
		CK. BY	T. S. WILLIAMS				ISSUE DATE	10/12/04
		APP. BY	D. M. BYRD					
		DATE	10/12/04					

REL S.O.

FRAME 180TY

HP 7.5

TYPE P

PHASE/HERTZ 3/60

RPM 1730

VOLTS 230/460

AMPS 20.2/10.1

DUTY *

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER H

ENCLOSURE SUB

E/S 535642

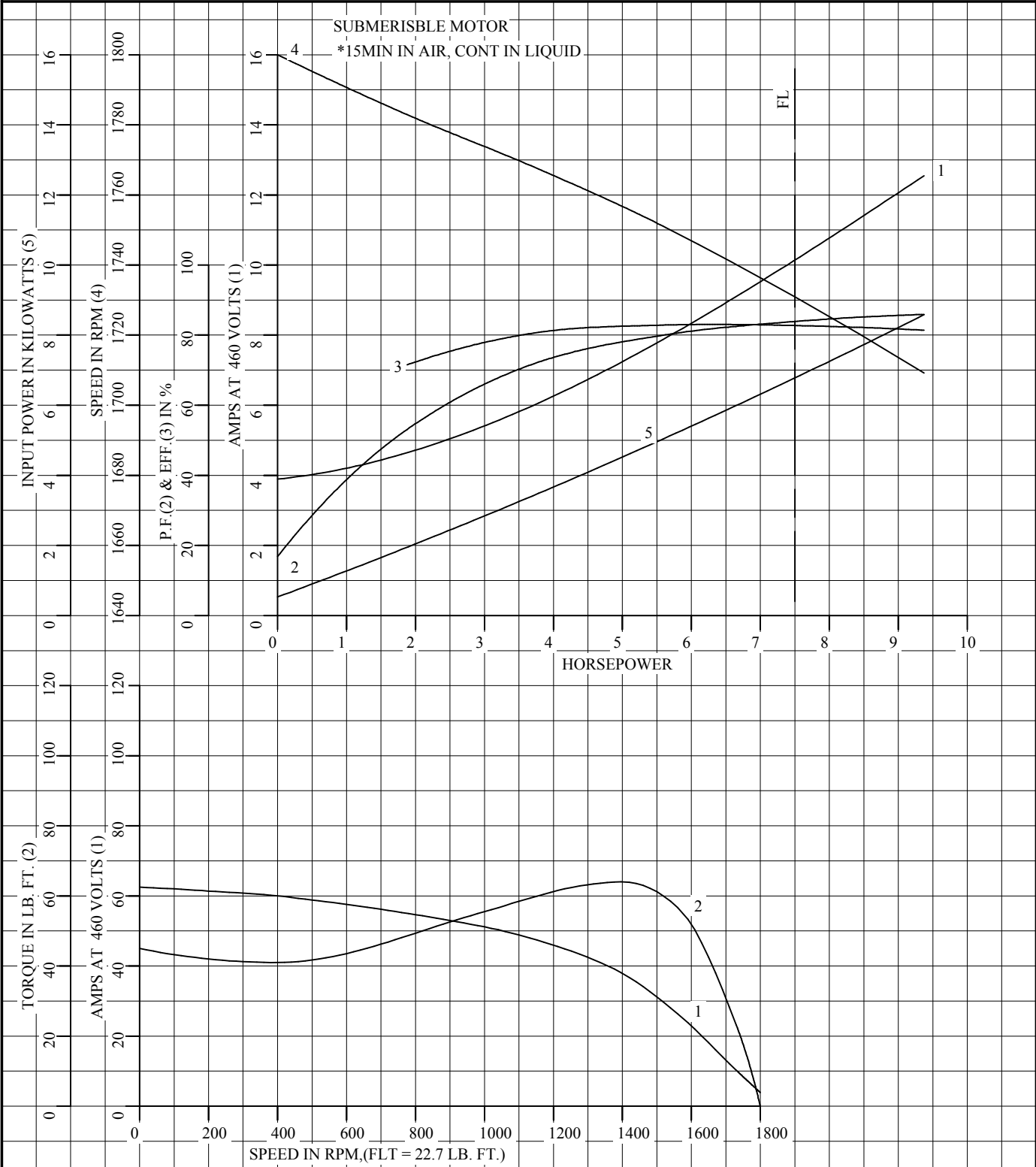
ROTOR 418424037YE

TEST S.O. CALCULATED DATA

TEST DATE ---

STATOR RES. @ 25 °C .533/2.13

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 10/12/04

**A-C MOTOR
 PERFORMANCE
 CURVES**

E02757-A-A010
 ISSUE DATE 10/12/04