

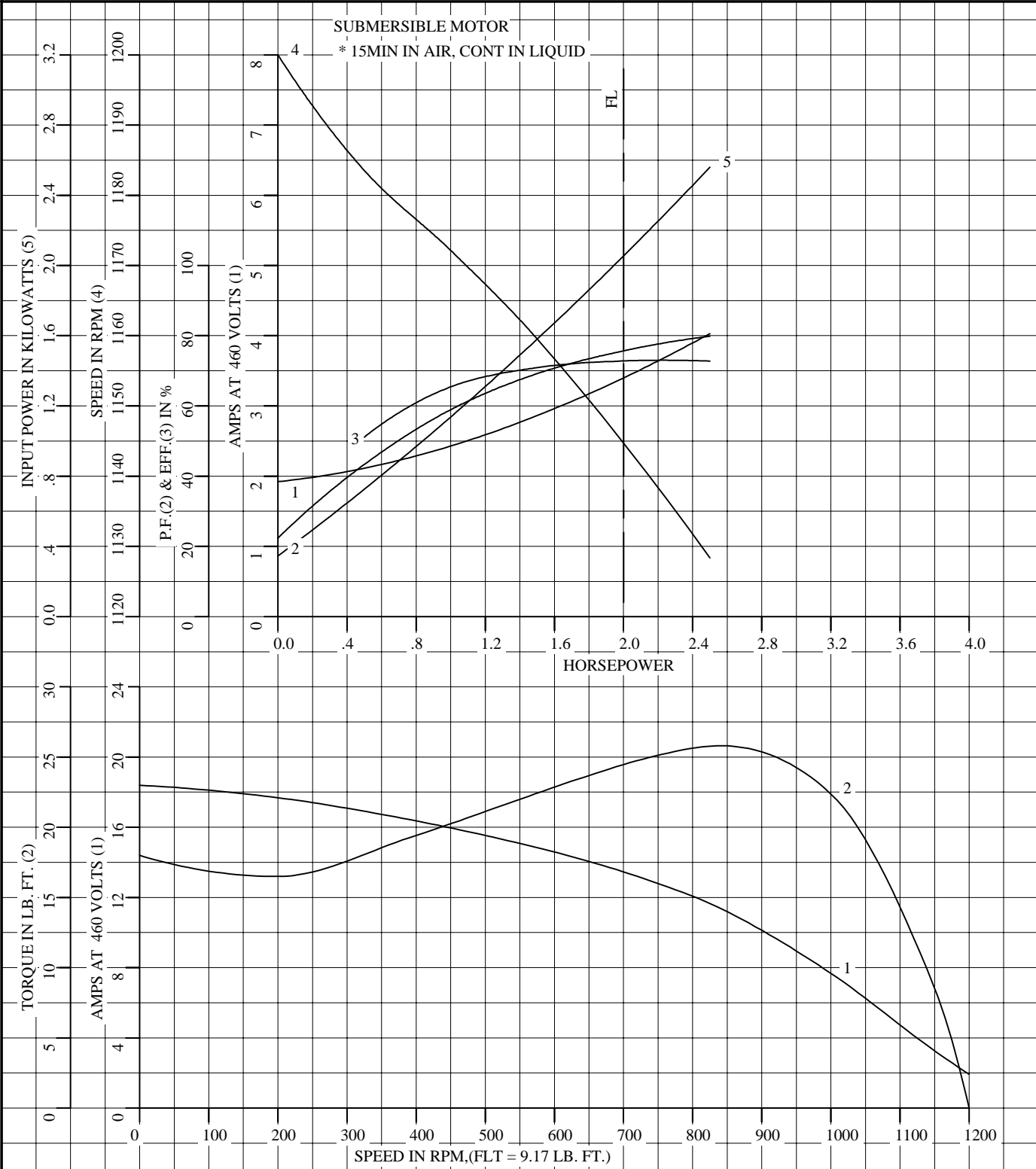
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	180TY	2	P	3/60	1145	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
6.8/3.4	*	40/F	1.15	B	J	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
536315	418424037ME	---	---	2.52/10.1		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	1.9	1200	.342	22.4	0
1/4	.50	2.1	1184	.729	43.3	51.1
2/4	1.00	2.4	1172	1.14	58.9	65.4
3/4	1.50	2.9	1160	1.58	69.2	70.9
4/4	2.00	3.4	1145	2.05	75.7	72.8
5/4	2.50	4.0	1128	2.56	79.9	72.7
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	196	18.0	18.4	
PULL UP		200	180	16.5	17.7	
BREAKDOWN		841	281	25.8	11.4	
FULL LOAD		1145	100	9.17	3.4	
<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 SUBMERSIBLE MOTOR * 15MIN IN AIR, CONT IN LIQUID</p>						
Rockwell Automation		DR. BY <u>D. M. BYRD</u>		A-C MOTOR PERFORMANCE E02747-A-A001 DATA ISSUE DATE 08/31/04		
		CK. BY <u>T. S. WILLIAMS</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>08/31/04</u>				

REL S.O.
 FRAME 180TY
 HP 2
 TYPE P
 PHASE/HERTZ 3/60

RPM 1145
 VOLTS 230/460
 AMPS 6.8/3.4
 DUTY *
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER J
 ENCLOSURE SUB
 E/S 536315

ROTOR 418424037ME
 TEST S.O. CALCULATED DATA
 TEST DATE ---
 STATOR RES. @ 25 °C 2.52/10.1
 OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

Rockwell Automation

DR. BY D. M. BYRD
 CK. BY T. S. WILLIAMS
 APP. BY D. M. BYRD
 DATE 08/31/04

A-C MOTOR PERFORMANCE CURVES
 E02747-A-A001
 ISSUE DATE 08/31/04