

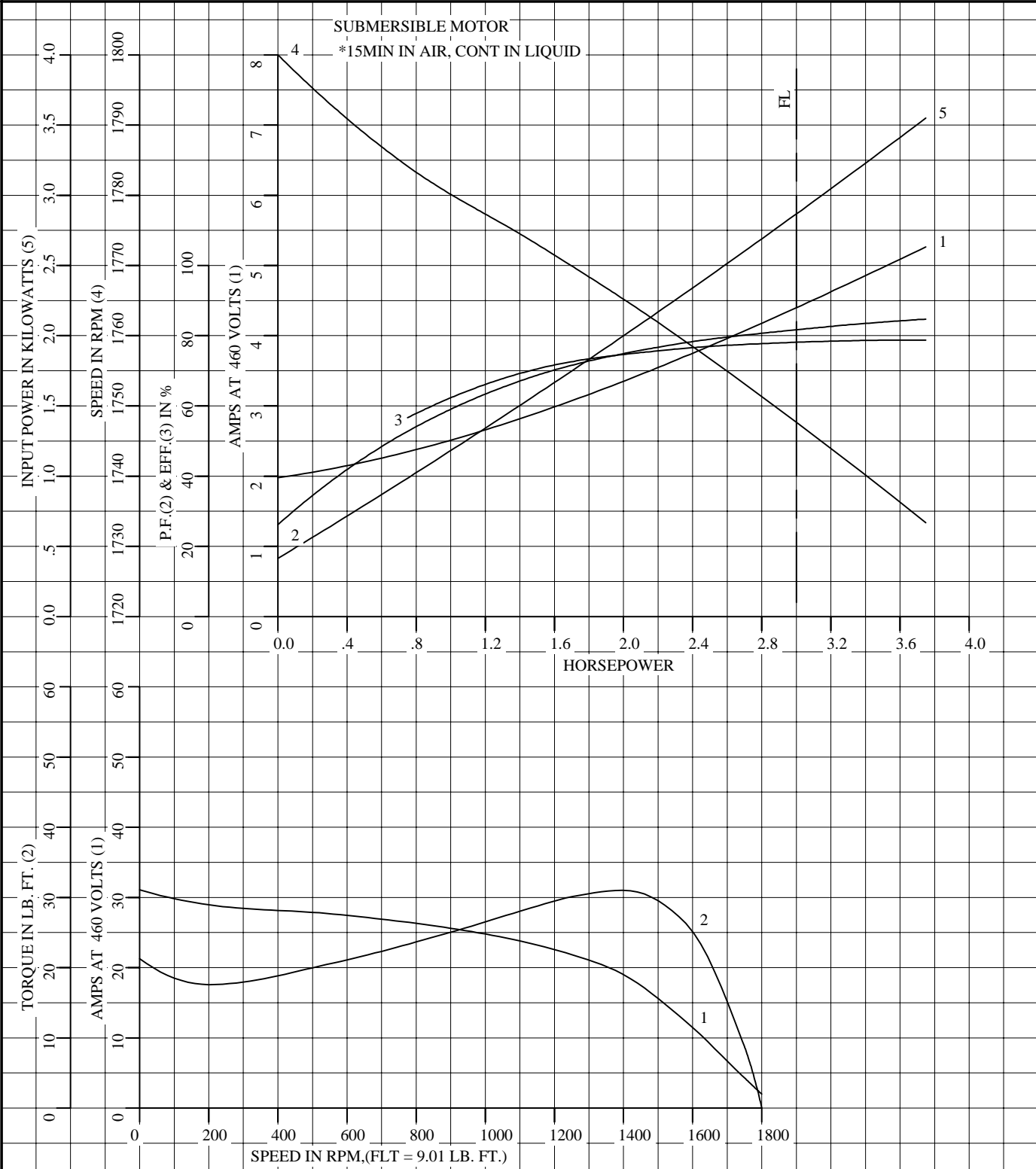
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	182T	3	P	3/60	1750	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
8.8/4.4	*	40/F	1.0	B	J	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
573966	418424-31TE	---	---	1.17/4.68		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	2.0	1800	.412	26.2	0
1/4	.75	2.3	1784	.987	52.7	56.6
2/4	1.50	2.9	1773	1.59	68.7	70.5
3/4	2.25	3.6	1761	2.21	77.2	75.9
4/4	3.00	4.4	1748	2.86	81.7	78.1
5/4	3.75	5.3	1733	3.55	84.7	78.7
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	236	21.3	31.1	
PULL UP		200	195	17.6	28.9	
BREAKDOWN		1400	344	31.0	19.0	
FULL LOAD		1748	100	9.01	4.4	
<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: TYPICAL DATA SUBMERSIBLE MOTOR *15MIN IN AIR, CONT IN LIQUID</p>						
Rockwell Automation		DR. BY <u>D. M. BYRD</u>		A-C MOTOR PERFORMANCE E02260-KAR001 DATA ISSUE DATE 06/30/04		
		CK. BY <u>T.S. WILLIAMS</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>06/30/04</u>				

REL S.O.
 FRAME 182T
 HP 3
 TYPE P
 PHASE/HERTZ 3/60

RPM 1750
 VOLTS 230/460
 AMPS 8.8/4.4
 DUTY *
 AMB °C/INSUL 40/F

S.F. 1.0
 NEMA DESIGN B
 CODE LETTER J
 ENCLOSURE SUB
 E/S 573966

ROTOR 418424-31TE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C 1.17/4.68
 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 06/30/04

A-C MOTOR PERFORMANCE CURVES
 E02260-KAR001
 ISSUE DATE 06/30/04