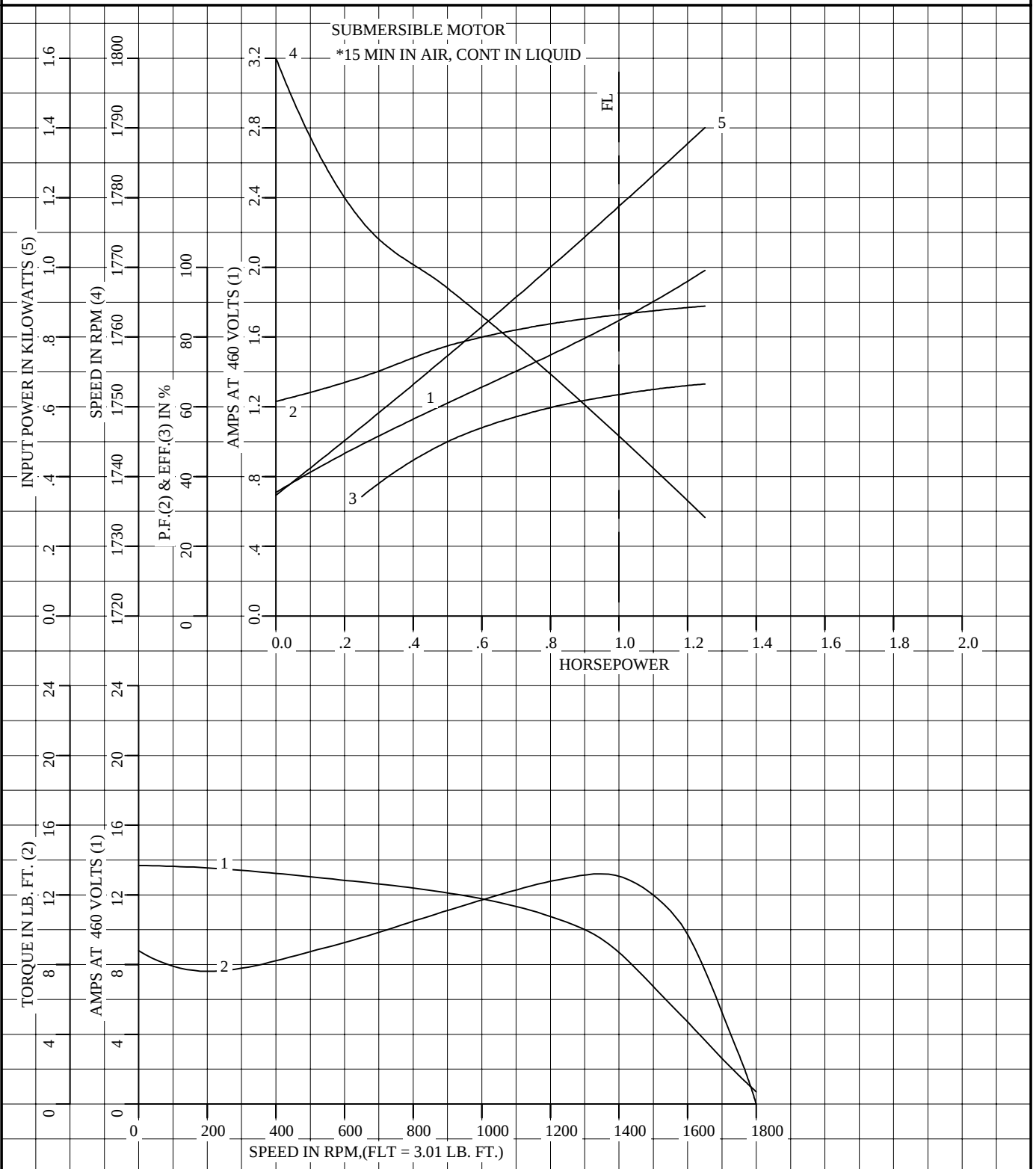


REL . S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	180TY	1	P	3/60	1745	230/460
AMPS	DUTY	AMB °C/ INSUL .	S.F.	NEMA DESIGN	CODE LETTER	ENCL .
3.4/1.7	*	40/F	1.15	B	M	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
573794	418424-33CE	---	---	3.25/13.0		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	.70	1800	.346	61.6	0
1/4	.25	1.0	1777	.544	68.5	34.3
2/4	.50	1.2	1767	.747	77.5	50.0
3/4	.75	1.4	1757	.956	83.0	58.5
4/4	1.00	1.7	1746	1.17	86.4	63.5
5/4	1.25	2.0	1734	1.40	88.9	66.5
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB. -FT.	AMPERES	
LOCKED ROTOR		0	292	8.79	13.7	
PULL UP		200	253	7.61	13.5	
BREAKDOWN		1350	439	13.2	9.5	
FULL LOAD		1746	100	3.01	1.7	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA SUBMERSIBLE MOTOR *15 MIN IN AIR, CONT IN LIQUID						
Rockwell Automation		DR. BY D. M. BYRD		A-C MOTOR PERFORMANCE DATA E02322-HAG002 ISSUE DATE 07/26/04		
		CK. BY T. WILLIAMS				
		APP. BY D. M. BYRD				
		DATE 07/26/04				

REL S.O.

FRAME **180TY**HP **1**TYPE **P**PHASE/HERTZ **3/60**RPM **1745**VOLTS **230/460**AMPS **3.4/1.7**DUTY *****AMB °C/INSUL **40/F**S.F. **1.15**NEMA DESIGN **B**CODE LETTER **M**ENCLOSURE **SUB**E/S **573794**ROTOR **418424-33CE**TEST S.O. **TYPICAL DATA**TEST DATE **---**STATOR RES. @ 25 °C **3.25/13.0**

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. WILLIAMS
APP. BY D. M. BYRD
DATE 07/26/04

**A-C MOTOR
PERFORMANCE
CURVES**

E02322-HAG002
ISSUE DATE **07/26/04**