

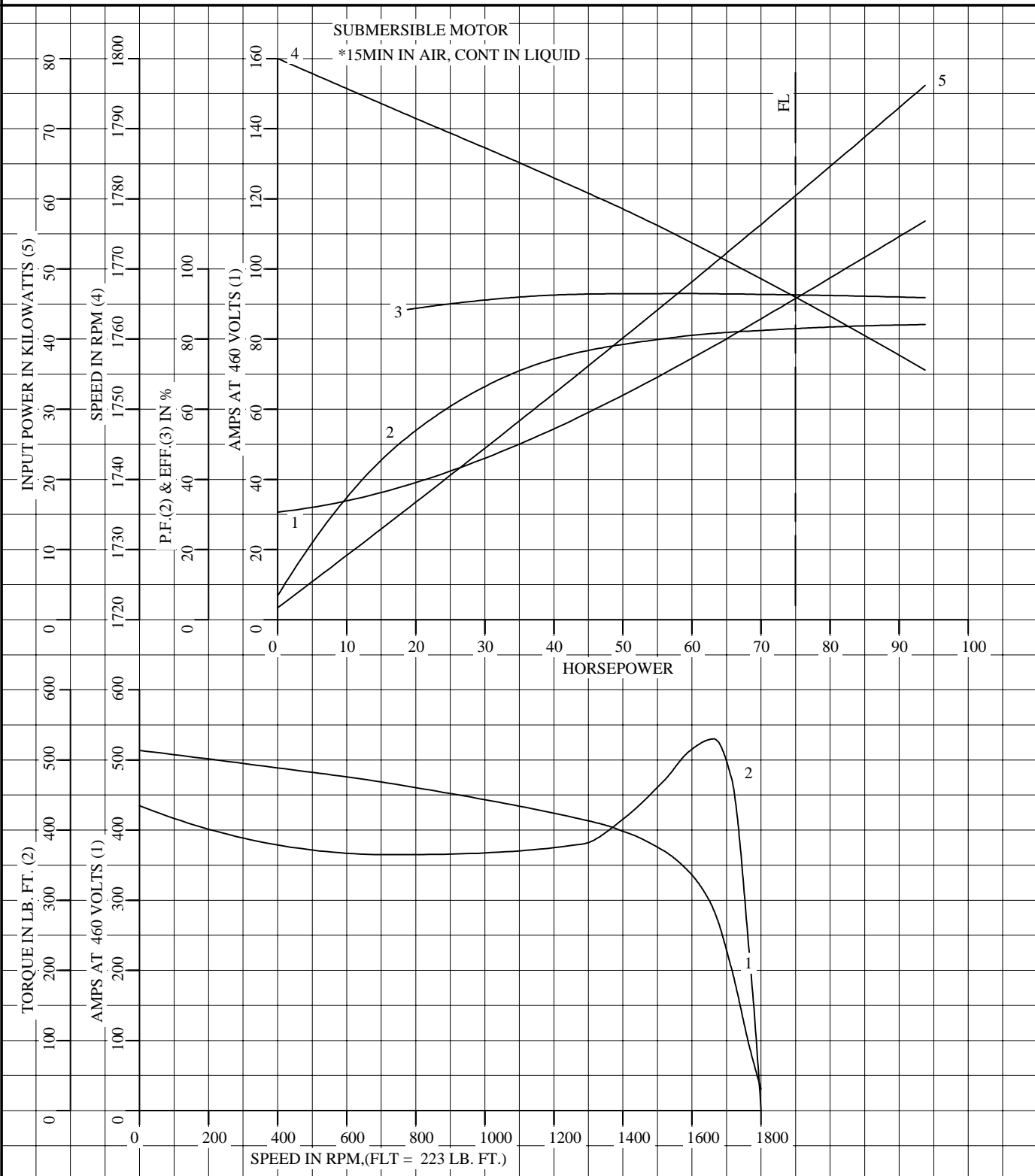
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	320TY	75	P	3/60	1765	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
91.3	*	40/F	1.15	B	F	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
490787	418140036NE	---	---	.0971		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	30.7	1800	1.67	6.83	0
1/4	18.8	38.2	1792	15.9	52.1	88.4
2/4	37.5	52.3	1784	30.3	72.8	92.3
3/4	56.2	70.6	1776	45.1	80.2	92.9
4/4	75.0	91.3	1766	60.4	83.0	92.6
5/4	93.8	114	1756	76.2	84.1	91.8
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	195	435	514	
PULL UP		720	164	365	467	
BREAKDOWN		1664	238	530	285	
FULL LOAD		1766	100	223	91.3	
<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 SUBMERSIBLE MOTOR *15MIN IN AIR, CONT IN LIQUID</p>						
Rockwell Automation		DR. BY <u>D. M. BYRD</u>		A-C MOTOR PERFORMANCE W01258-A-A001 DATA		
		CK. BY <u>T.S. WILLIAMS</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>05/20/04</u>				

REL S.O.
 FRAME 320TY
 HP 75
 TYPE P
 PHASE/HERTZ 3/60

RPM 1765
 VOLTS 460
 AMPS 91.3
 DUTY *
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE SUB
 E/S 490787

ROTOR 418140036NE
 TEST S.O. CALCULATED DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0971
 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 05/20/04

A-C MOTOR PERFORMANCE CURVES
 W01258-A-A001
 ISSUE DATE 05/20/04