

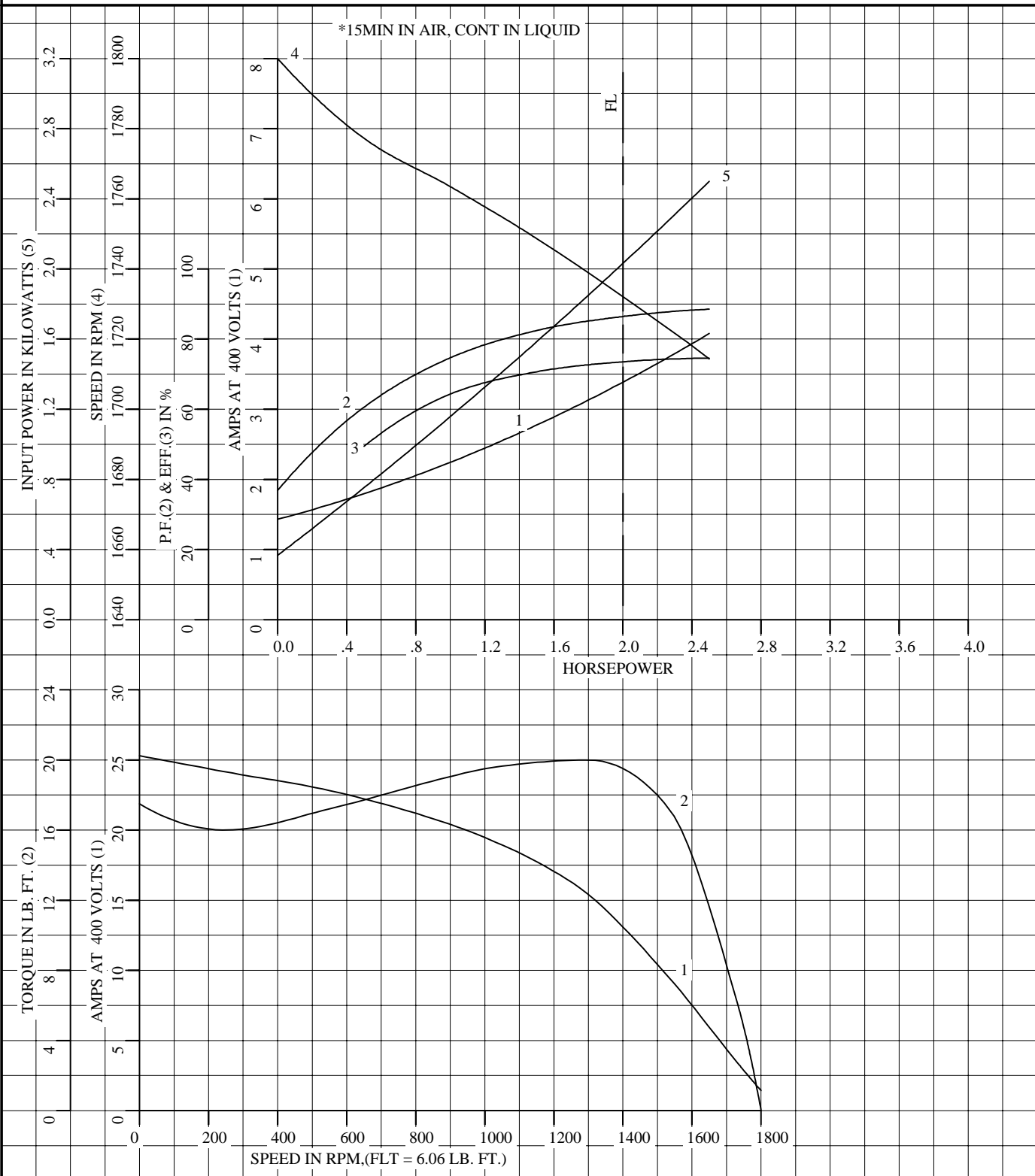
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	180TY	2	P	3/60	1730	200/400
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
6.67/3.34	*	40/F	1.15	B	K	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
536313	418424-33CE	---	---	1.57/6.29		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	1.4	1800	.366	36.9	0
1/4	.50	1.8	1777	.754	60.6	49.4
2/4	1.00	2.2	1763	1.16	74.7	64.3
3/4	1.50	2.8	1749	1.58	82.5	70.7
4/4	2.00	3.4	1732	2.03	86.4	73.5
5/4	2.50	4.1	1714	2.50	88.5	74.6
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	288	17.5	25.3	
PULL UP		250	264	16.0	24.1	
BREAKDOWN		1300	330	20.0	15.4	
FULL LOAD		1732	100	6.06	3.4	
<p>AMPERES SHOWN FOR 400. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA *15MIN IN AIR, CONT IN LIQUID</p>						
Rockwell Automation		DR. BY <u>D. M. BYRD</u>		A-C MOTOR PERFORMANCE E02741-A-A003 DATA		
		CK. BY <u>T.S. WILLIAMS</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>11/17/04</u>				

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

RPM 1730
 VOLTS 200/400
 AMPS 6.67/3.34
 DUTY *
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER K
 ENCLOSURE SUB
 E/S 536313

ROTOR 418424-33CE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C 1.57/6.29
 OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 400 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 11/17/04

A-C MOTOR PERFORMANCE CURVES

E02741-A-A003
 ISSUE DATE 11/17/04