

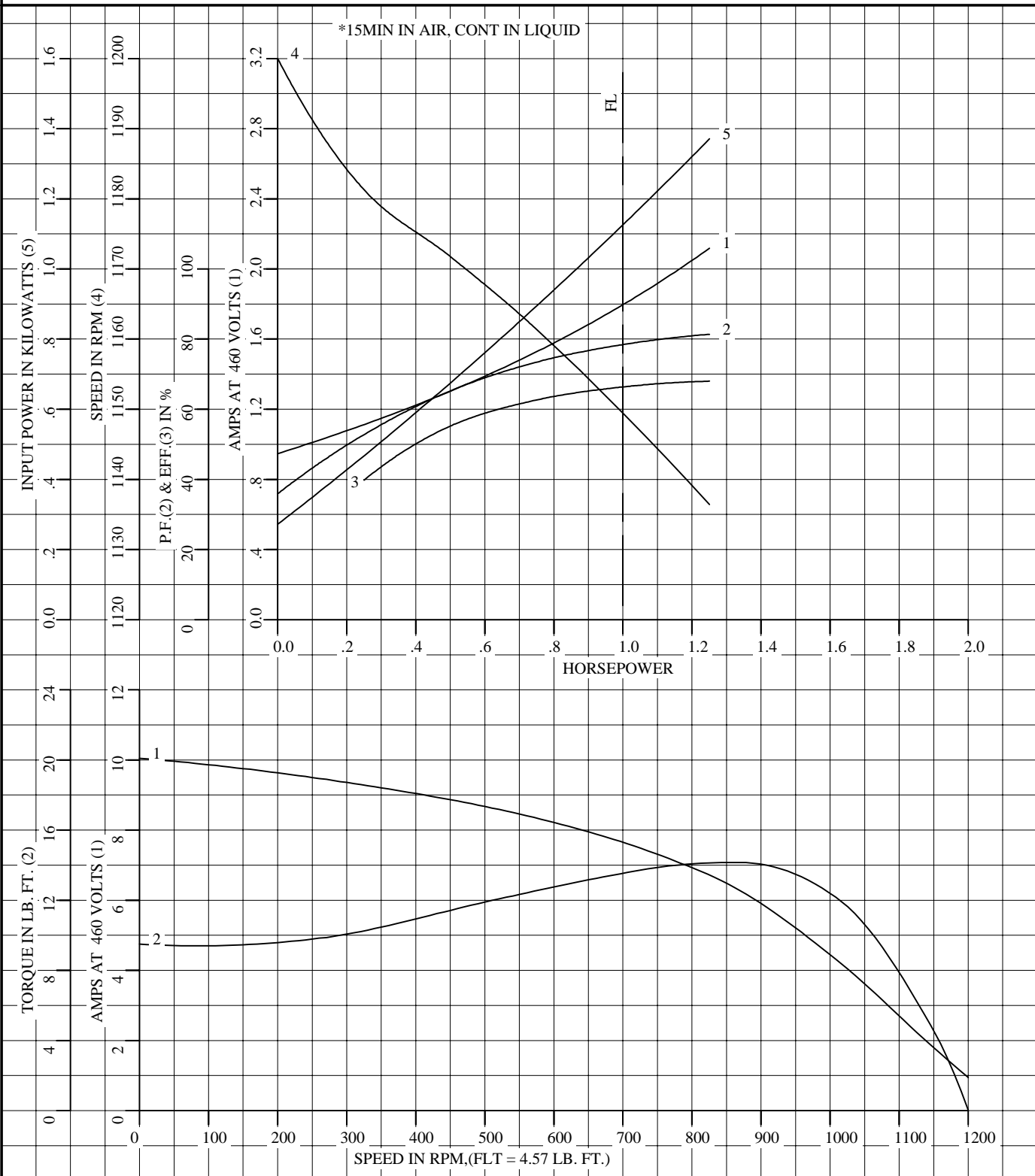
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	180TY	1	P	3/60	1150	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
3.6/1.8	*	40/F	1.15	B	J	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
581936	418424033CE	---	---	4.19/16.7		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	.95	1200	.270	35.9	0
1/4	.25	1.1	1181	.469	52.8	39.8
2/4	.50	1.3	1172	.676	65.2	55.2
3/4	.75	1.5	1161	.893	73.4	62.6
4/4	1.0	1.8	1150	1.12	78.4	66.4
5/4	1.25	2.1	1136	1.37	81.4	68.0
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	208	9.50	10.0	
PULL UP		0	208	9.50	10.0	
BREAKDOWN		868	310	14.2	6.3	
FULL LOAD		1150	100	4.57	1.8	
<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 *15MIN IN AIR, CONT IN LIQUID</p>						
Rockwell Automation		DR. BY <u>D. M. BYRD</u>		A-C MOTOR PERFORMANCE DATA E01641-F-Y006 ISSUE DATE 09/13/04		
		CK. BY <u>T.S. WILLIAMS</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>09/13/04</u>				

REL S.O.
 FRAME 180TY
 HP 1
 TYPE P
 PHASE/HERTZ 3/60

RPM 1150
 VOLTS 230/460
 AMPS 3.6/1.8
 DUTY *
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER J
 ENCLOSURE SUB
 E/S 581936

ROTOR 418424033CE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C 4.19/16.7
 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 09/13/04

A-C MOTOR PERFORMANCE CURVES
 E01641-F-Y006
 ISSUE DATE 09/13/04