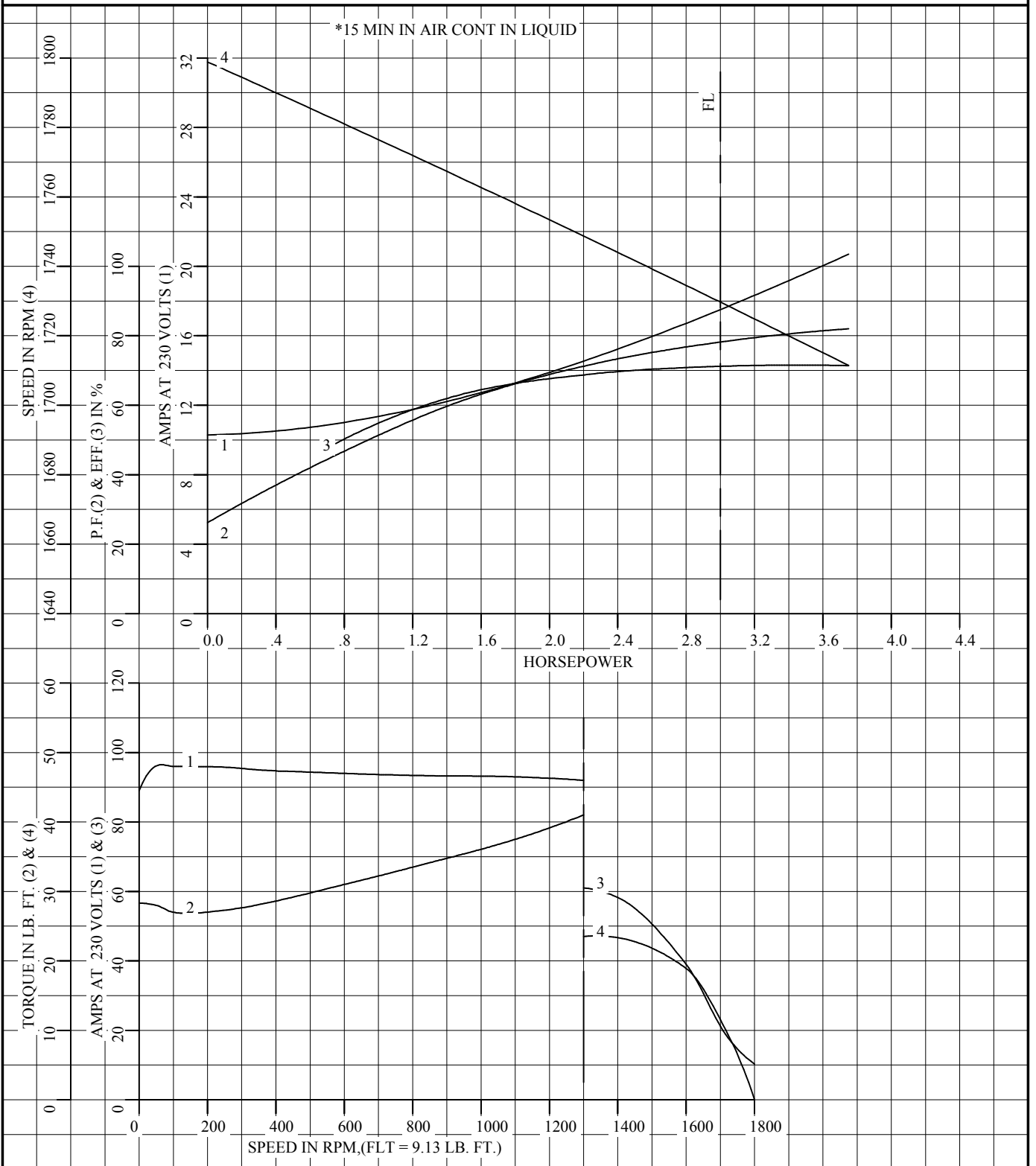


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
-	180TY	3.0	CS	1/60	1730	230
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
17.5	*	40/F	1.15	-	H	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
782057	418424-54AE	-	-	.589/1.58		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	10.3	1800	26.2	0	
1/4	.75	10.9	1780	45.6	49.0	
2/4	1.50	12.5	1765	61.5	63.3	
3/4	2.25	14.7	1749	71.8	69.0	
4/4	3.00	17.5	1725	78.2	71.2	
5/4	3.75	20.7	1711	82.0	71.4	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	310	28.3	89.0	
PULL UP		1300	257	23.5	61.0	
BREAKDOWN		1405	255	23.3	58.0	
FULL LOAD		1725	100	9.13	17.5	
AMPERES SHOWN FOR 230. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: CALCULATED DATA *15 MIN IN AIR CONT IN LIQUID						
		DR. BY <u>Z.M.WOLFE</u> CK. BY <u>T.S.WILLIAMS</u> APP. BY <u>T.S.WILLIAMS</u> DATE <u>04/08/2020</u>		A-C MOTOR PERFORMANCE A00093-A-A001 DATA ISSUE DATE 04/08/20		

REL S.O. -	RPM 1730	S.F. 1.15	ROTOR 418424-54AE
FRAME 180TY	VOLTS 230	NEMA DESIGN -	TEST S.O. CALCULATED DATA
HP 3.0	AMPS 17.5	CODE LETTER H	TEST DATE -
TYPE CS	DUTY *	ENCLOSURE SUB	STATOR RES. @ 25 °C .589/1.58
PHASE/HERTZ 1/60	AMB °C/INSUL 40/F	E/S 782057	OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 230 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

BALDOR
A MEMBER OF THE ABB GROUP

DR. BY Z.M.WOLFE
CK. BY T.S.WILLIAMS
APP. BY T.S.WILLIAMS
DATE 04/08/2020

**A-C MOTOR
PERFORMANCE
CURVES** A00093-A-A001
ISSUE DATE 04/08/20