

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	250TY	25	P	3/60	1760	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
64.2/32.1	*	40/F	1.15	B	F	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
424201	418138036SE	---	---	.123/.492		

PERFORMANCE

LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	11.9	1800	1.06	11.2	0
1/4	6.26	14.2	1790	5.81	51.2	80.4
2/4	12.5	18.9	1781	10.7	71.3	87.2
3/4	18.7	25.0	1771	15.8	79.3	88.7
4/4	25.0	32.1	1759	21.1	82.5	88.5
5/4	31.2	39.9	1746	26.6	83.7	87.6

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	168	126	175
PULL UP	360	144	108	169
BREAKDOWN	1621	236	176	99.4
FULL LOAD	1759	100	74.6	32.1

AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE

REMARKS: CALCULATED DATA
*15MIN IN AIR, CONT IN LIQUID



DR. BY T. WILLIAMS
CK. BY Z. WOLFE
APP. BY T. WILLIAMS
DATE 11/4/15

**A-C MOTOR
PERFORMANCE W00698-B-E002
DATA** ISSUE DATE 11/4/15

REL S.O.

FRAME 250TY

HP 25

TYPE P

PHASE/HERTZ 3/60

RPM 1760

VOLTS 230/460

AMPS 64.2/32.1

DUTY *

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER F

ENCLOSURE SUB

E/S 424201

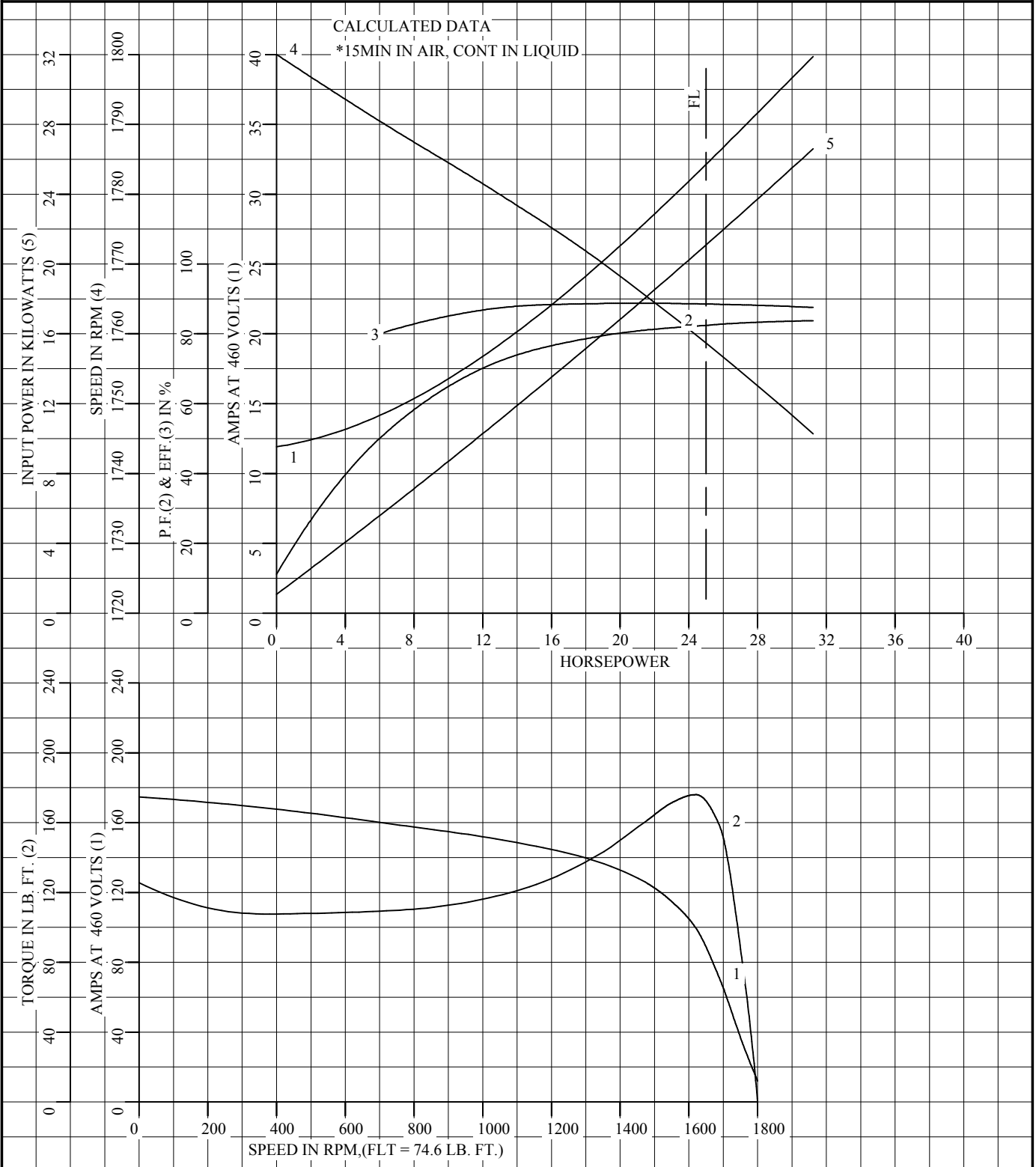
ROTOR 418138036SE

TEST S.O. ---

TEST DATE ---

STATOR RES. @ 25 °C .123/.492

OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY T. WILLIAMS
 CK. BY Z. WOLFE
 APP. BY T. WILLIAMS
 DATE 11/4/15

**A-C MOTOR
 PERFORMANCE
 CURVES**

W00698-B-E002

ISSUE DATE 11/4/15