

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
-	X180TY	1.5	CS	1/60	1160	230
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
11.7	*	40/F	1.15	-	J	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
782058	418424-54AE	-	-	1.192/3.022		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	8.0	1200	.495	27.2	0
1/4	.38	8.6	1185	.792	39.6	35.3
2/4	.75	9.4	1177	1.10	51.1	50.8
3/4	1.12	10.8	1169	1.43	60.1	58.7
4/4	1.50	11.7	1160	1.78	66.8	62.9
5/4	1.88	14.8	1148	2.16	71.6	64.9
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	287	19.5	47.0	
PULL UP		925	252	17.1	32.6	
BREAKDOWN		1080	267	18.1	30.6	
FULL LOAD		1160	100	6.79	11.7	
AMPERES SHOWN FOR 230. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA *15 MIN IN AIR						
		DR. BY Z.M.WOLFE		A-C MOTOR PERFORMANCE A00094-A-A002 DATA ISSUE DATE 01/20/21		
		CK. BY T.S.WILLIAMS				
		APP. BY Z.M.WOLFE				
		DATE 01/20/21				

REL S.O. -

FRAME X180TY

HP 1.5

TYPE CS

PHASE/HERTZ 1/60

RPM 1160

VOLTS 230

AMPS 11.7

DUTY *

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN -

CODE LETTER J

ENCLOSURE SUB

E/S 782058

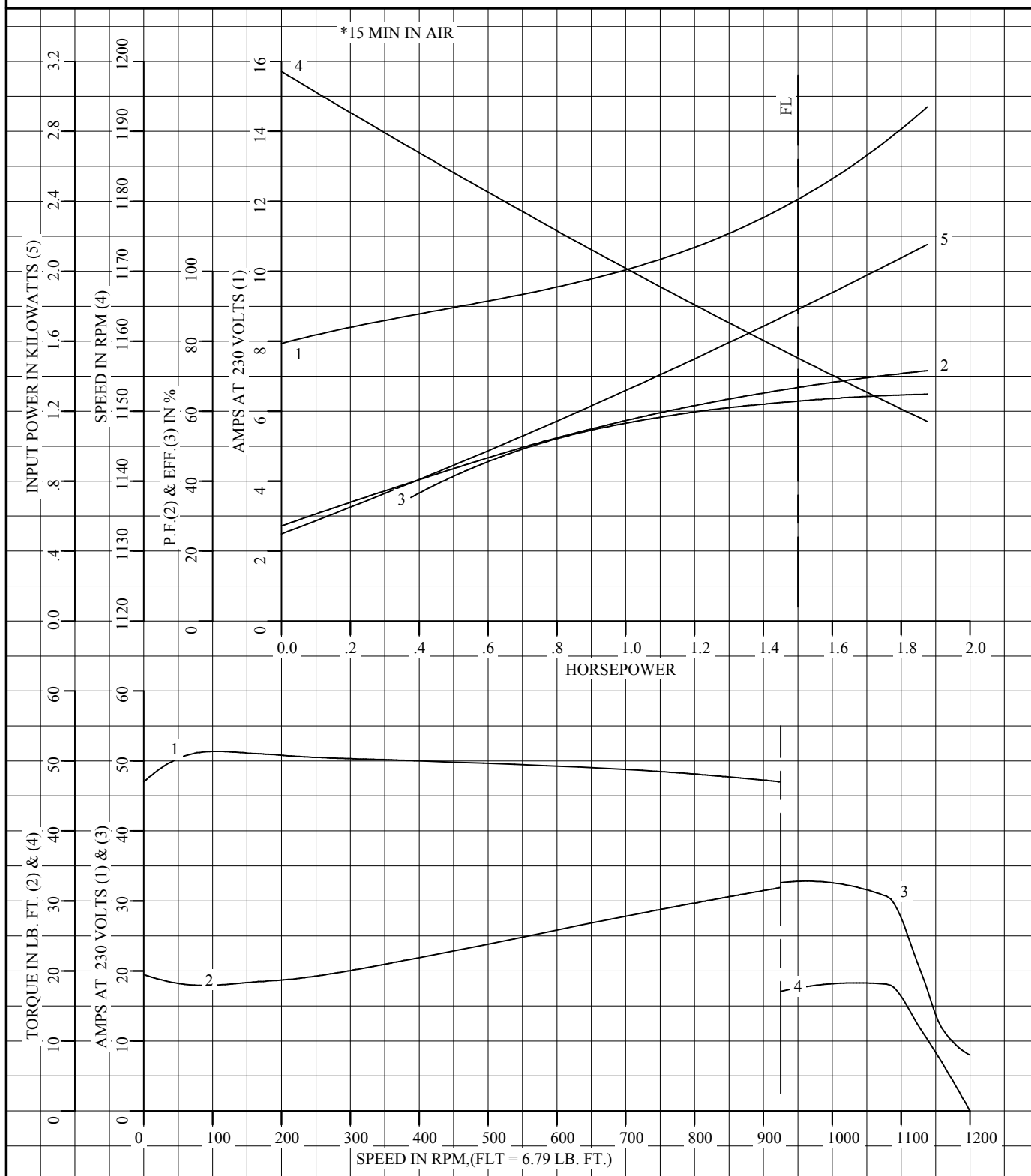
ROTOR 418424-54AE

TEST S.O. TYPICAL DATA

TEST DATE -

STATOR RES. @ 25 °C 1.192/3.022

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 Z.M.WOLFE
DATE 01/20/21

**A-C MOTOR
PERFORMANCE
CURVES**

A00094-A-A002
ISSUE DATE 01/20/21