
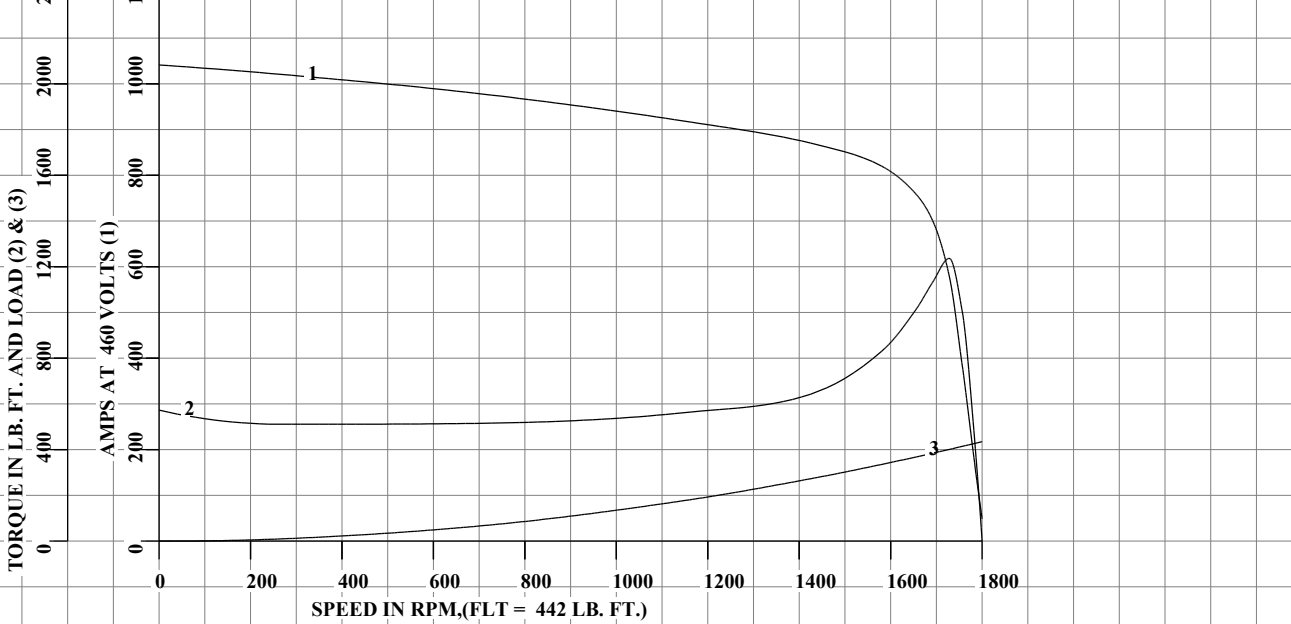
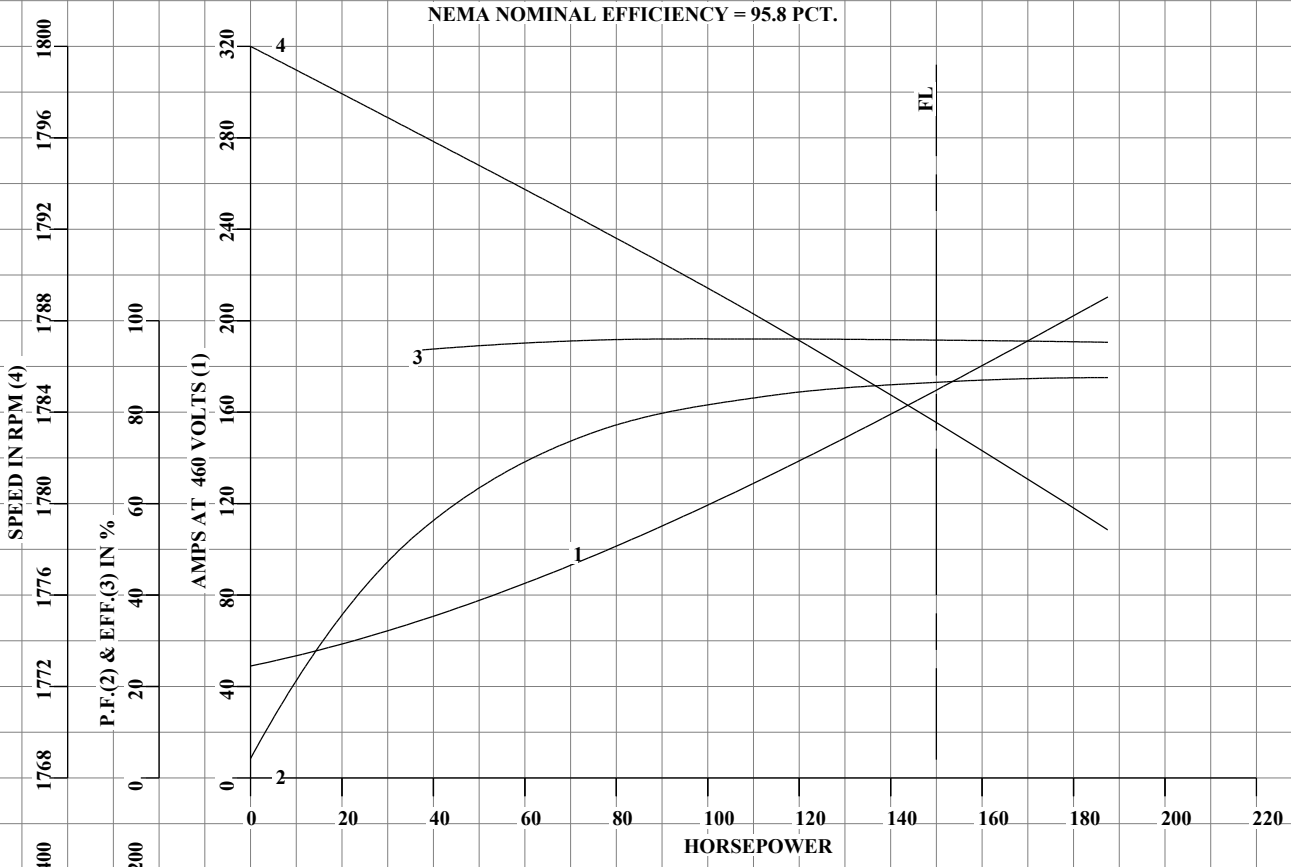


S/O	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	445T	150	P	3/60	1785	460
AMPS	DUTY	AMB °C/ INSUL	S.F.	NEMA DESIGN	CODE LETTER	ENCLOSURE
169	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
498808	418143053AE	---	---	.0298		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	48.9	1800	4.26	0	
1/4	37.6	69.1	1796	54.3	93.6	
2/4	75.0	97.1	1792	75.6	95.7	
3/4	112	131	1788	83.4	96.0	
4/4	150	169	1784	86.5	95.8	
5/4	188	210	1779	87.6	95.3	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	130	572	1041	
PULL UP		270	116	511	1020	
BREAKDOWN		1729	280	1237	579	
FULL LOAD		1784	100	442	169	
AMPERES SHOWN FOR 460 VOLT CONNECTION. IF OTHER CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.						
TYPICAL DATA NEMA NOMINAL EFFICIENCY = 95.8 PCT.						
		DRAWN BY: <u>C.B.ATANGANE</u>		AC MOTOR PERFORMANCE DATA		A44WG3335-R001
		CHECKED BY: <u>C.E.JAMISON</u>				
		APPROVED BY: <u>C.E.JAMISON</u>				DATE ISSUED 10/16/23
		DATE: <u>10/16/23</u>				

REL S.O.	RPM 1785	S.F. 1.15	ROTOR 418143053AE
FRAME 445T	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 150	AMPS 169	CODE LETTER F	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0298
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 498808	OHMS (BETWEEN LINES)



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



DRAWN BY: C.B.ATANGANE
 CHECKED BY: C.E.JAMISON
 APPROVED BY: C.E.JAMISON
 DATE: 10/16/23

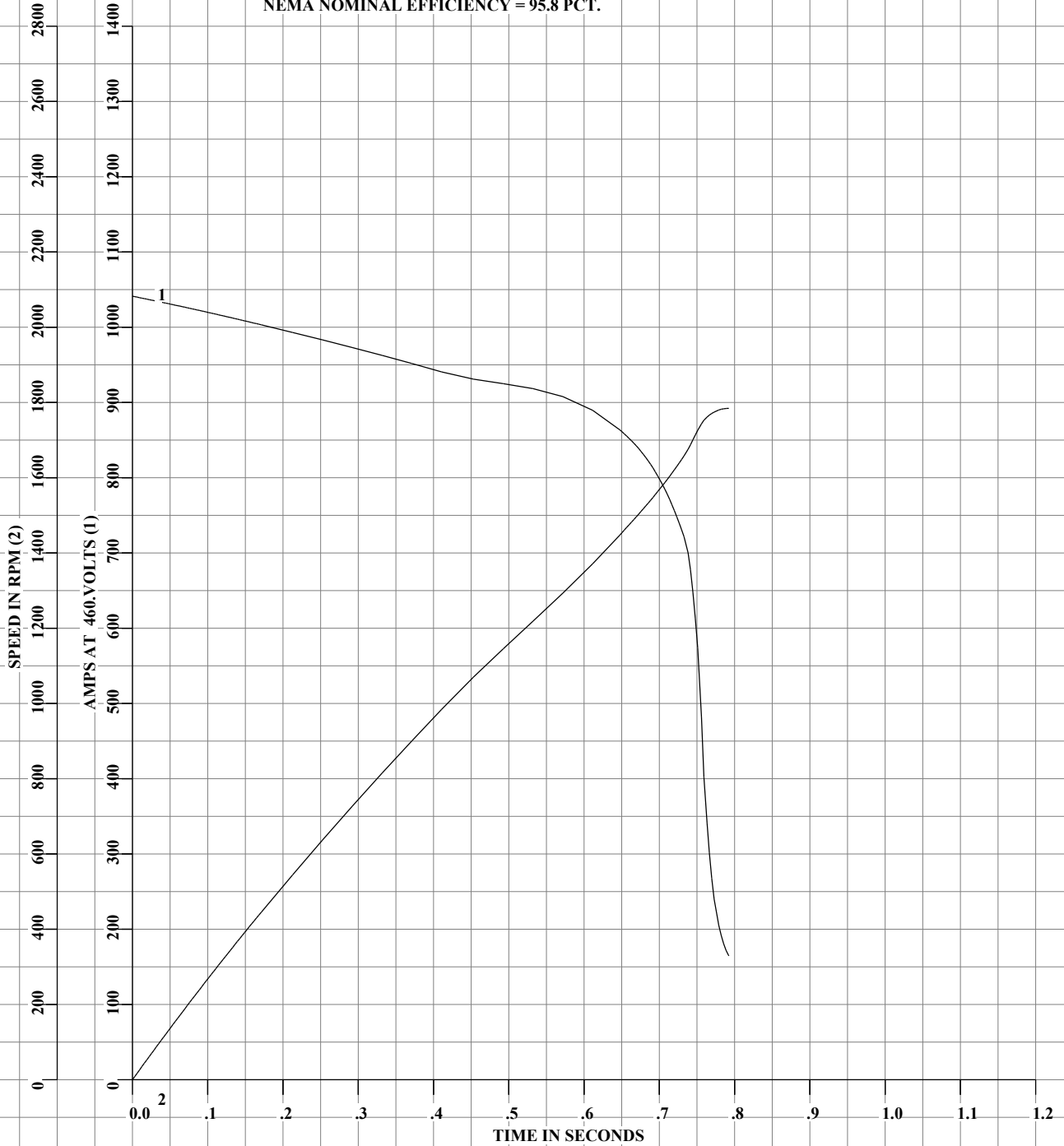
AC MOTOR
 PERFORMANCE
 DATA

A44WG3335-R001

ISSUE DATE 10/16/23

REL S.O.	RPM 1785	S.F. 1.15	ROTOR 418143053AE
FRAME 445T	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 150	AMPS 169	CODE LETTER F	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0298
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 498808	OHMS (BETWEEN LINES)

LOAD ACCELERATION CURVE AT 460 VOLTS
LOAD TYPE : PUMP
LOAD INERTIA REFLECTED TO MOTOR = 10.416 LB.FT**2
NEMA NOMINAL EFFICIENCY = 95.8 PCT.



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



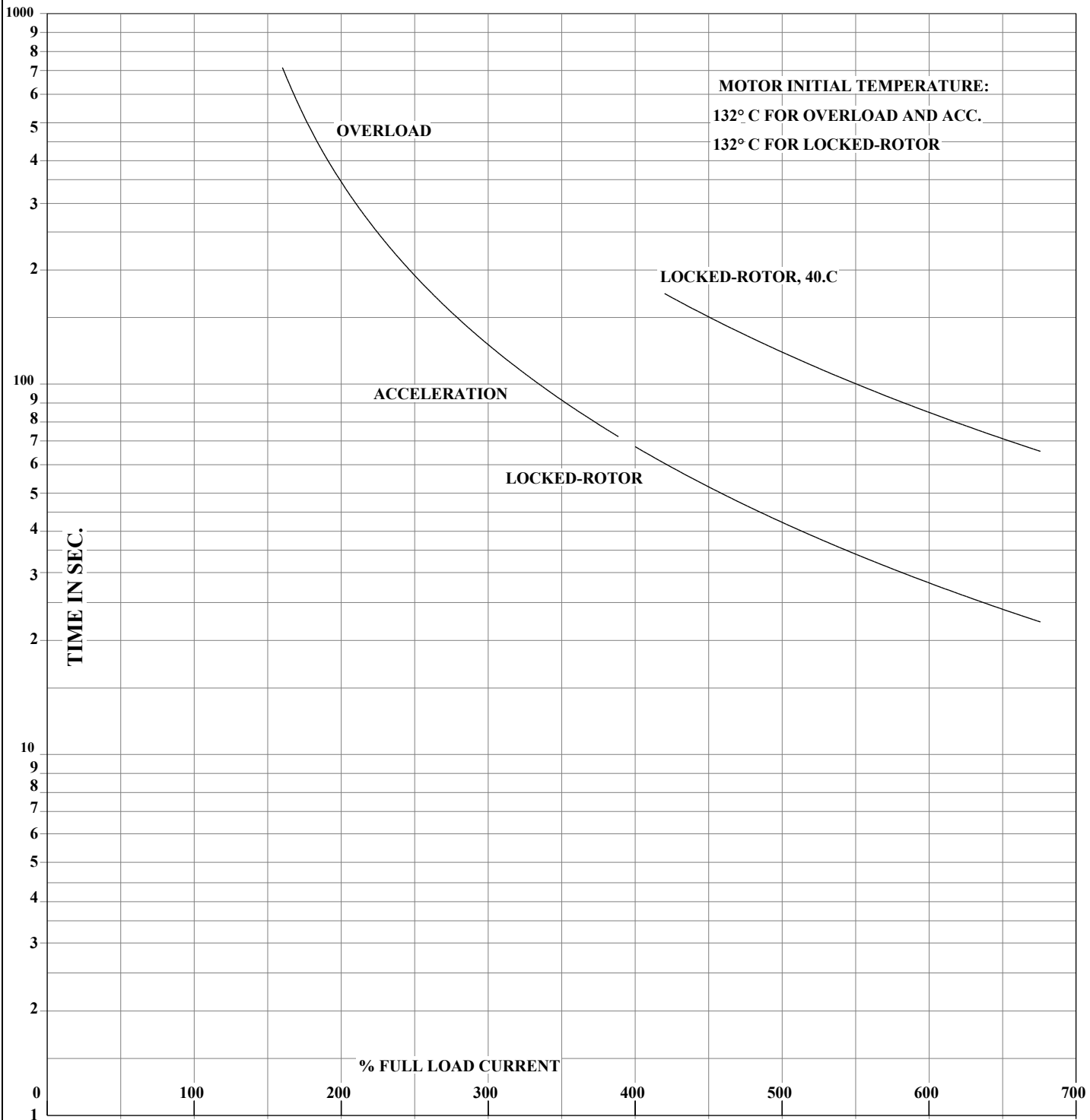
DRAWN BY: C.B.ATANGANE
CHECKED BY: C.E.JAMISON
APPROVED BY: C.E.JAMISON
DATE: 10/16/23

AC MOTOR
PERFORMANCE
DATA

A44WG3335-R001


ISSUE DATE 10/16/23

REL S.O.	RPM 1785	S.F. 1.15	ROTOR 418143053AE
FRAME 445T	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 150	AMPS 169	CODE LETTER F	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0298
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 498808	OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE
NEMA NOMINAL EFFICIENCY = 95.8 PCT.

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

	DRAWN BY: <u>C.B.ATANGANE</u> CHECKED BY: <u>C.E.JAMISON</u> APPROVED BY: <u>C.E.JAMISON</u> DATE: <u>10/16/23</u>	AC MOTOR PERFORMANCE DATA	A44WG3335-R001 ISSUE DATE 10/16/23
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