
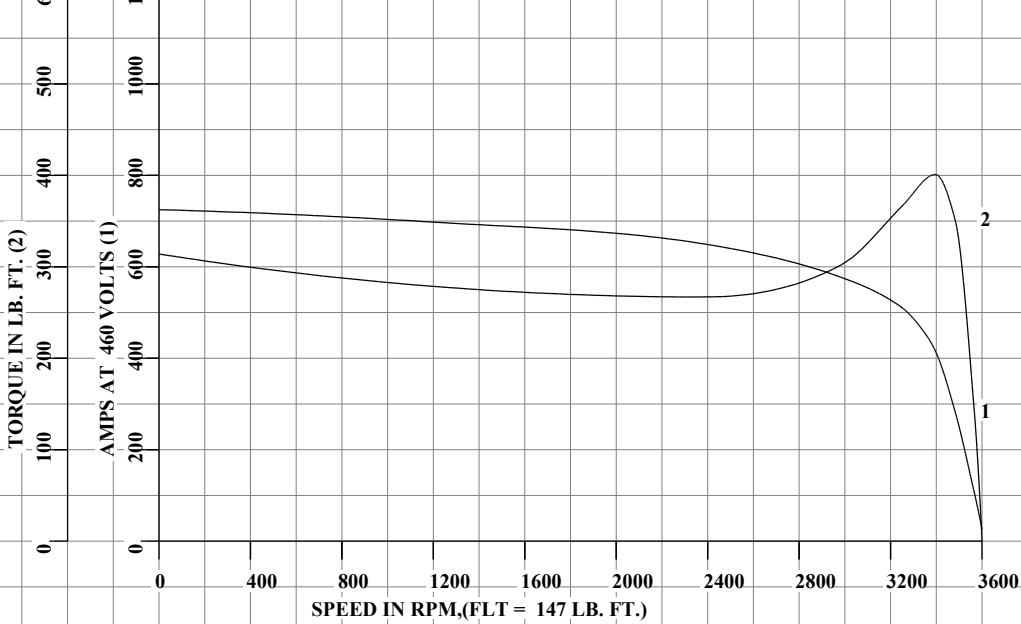
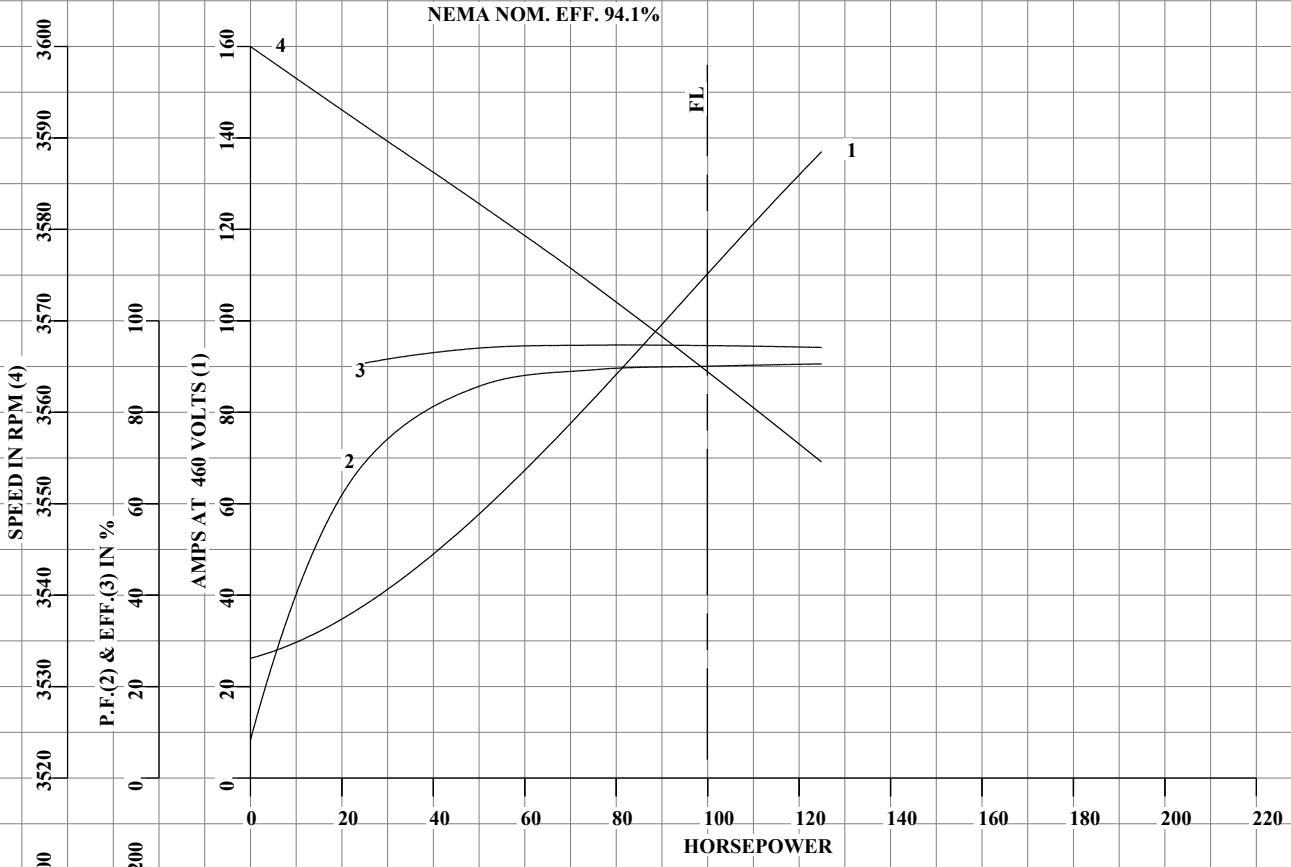


S/O	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TSC	100	P	3/60	3565	460
AMPS	DUTY	AMB °C/ INSUL	S.F.	NEMA DESIGN	CODE LETTER	ENCLOSURE
110	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
---	418142005XE	---	---	.0511		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	26.3	3600	8.33	0	
1/4	25.0	37.4	3591	69.0	90.8	
2/4	50.0	58.1	3583	85.7	94.0	
3/4	75.0	83.0	3574	89.3	94.7	
4/4	99.9	110	3565	90.1	94.6	
5/4	125	137	3555	90.6	94.2	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	213	314	725	
PULL UP		2385	181	267	650	
BREAKDOWN		3396	272	401	416	
FULL LOAD		3565	100	147	110	
AMPERES SHOWN FOR 460 VOLT CONNECTION. IF OTHER CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.						
TYPICAL DATA NEMA NOM. EFF. 94.1%						
		DRAWN BY: <u>C.E. JAMISON</u>		AC MOTOR PERFORMANCE DATA		A40WG1242-R007
		CHECKED BY: <u>W.L. SMITH</u>				
		APPROVED BY: <u>E.J. CHRISTIAN</u>				DATE ISSUED 02/25/26
		DATE: <u>07/24/18</u>				

REL S.O.	RPM 3565	S.F. 1.15	ROTOR 418142005XE
FRAME 405TSC	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 100	AMPS 110	CODE LETTER G	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0511
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S ---	OHMS (BETWEEN LINES)



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

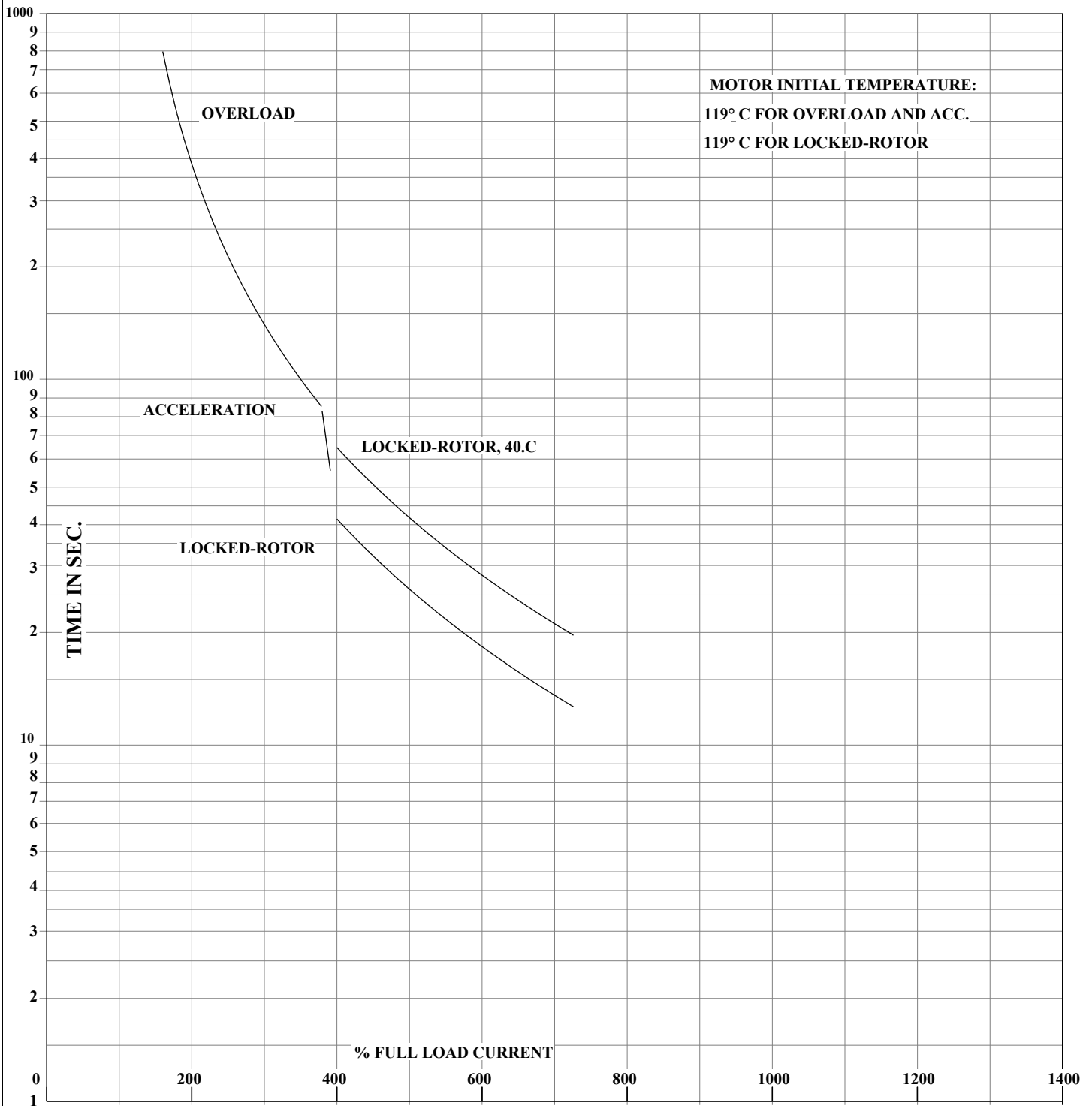


DRAWN BY: C.E. JAMISON  
 CHECKED BY: W. L. SMITH  
 APPROVED BY: E.J. CHRISTIAN  
 DATE: 07/24/18

AC MOTOR  
 PERFORMANCE  
 DATA


**A40WG1242-R007**  
 ISSUE DATE 02/25/26

REL S.O.	RPM 3565	S.F. 1.15	ROTOR 418142005XE
FRAME 405TSC	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 100	AMPS 110	CODE LETTER G	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0511
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S ---	OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE  
NEMA NOM. EFF. 94.1%

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.E. JAMISON</u>	AC MOTOR PERFORMANCE DATA	A40WG1242-R007
	CHECKED BY: <u>W.L. SMITH</u> APPROVED BY: <u>E.J. CHRISTIAN</u> DATE: <u>07/24/18</u>		