
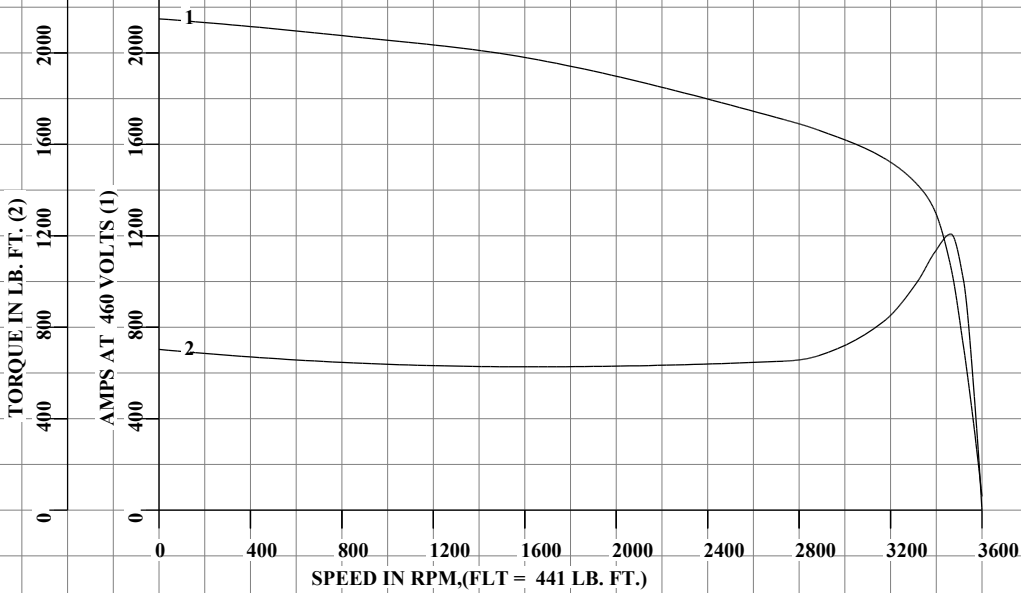
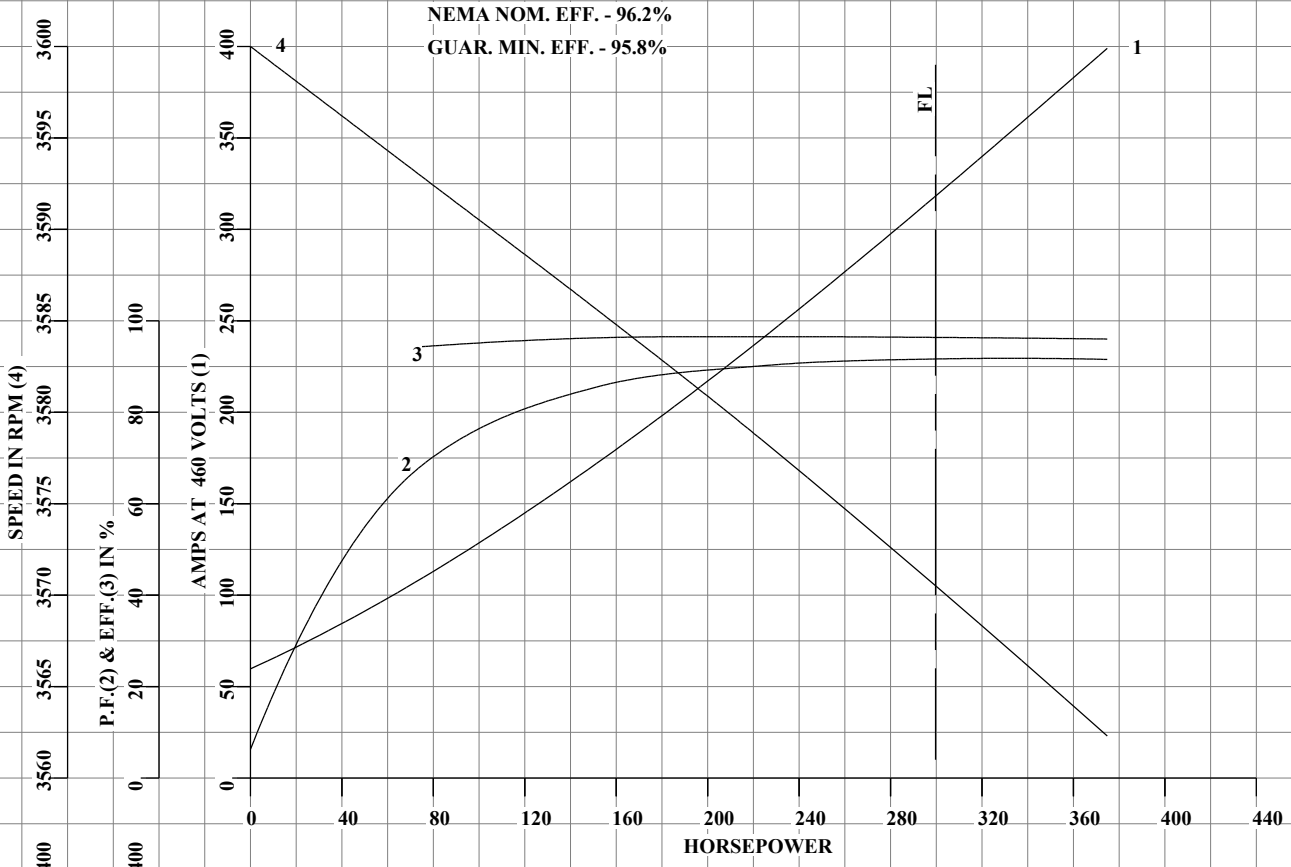


S/O	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449TS	300	P	3/60	3570	460
AMPS	DUTY	AMB °C/ INSUL	S.F.	NEMA DESIGN	CODE LETTER	ENCLOSURE
318	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
833183	418143-3SE	---	---	.00934		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	59.8	3600	6.29	0	
1/4	75.0	109	3593	68.4	94.3	
2/4	150	171	3586	85.3	96.3	
3/4	225	242	3578	90.2	96.5	
4/4	300	318	3571	91.7	96.4	
5/4	375	399	3562	91.6	96.0	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	159	703	2149	
PULL UP		1620	142	627	1977	
BREAKDOWN		3464	274	1208	1062	
FULL LOAD		3571	100	441	318	
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. - 96.2% GUAR. MIN. EFF. - 95.8%						
		DRAWN BY: <u>J.J.HARRISON</u>		AC MOTOR PERFORMANCE DATA		A44WG1242-R001
		CHECKED BY: <u>W.L.SMITH</u>				
		APPROVED BY: <u>W.L.SMITH</u>				DATE ISSUED 03/30/20
		DATE: <u>08/04/10</u>				

REL S.O.	RPM 3570	S.F. 1.15	ROTOR 418143-3SE
FRAME 449TS	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 300	AMPS 318	CODE LETTER G	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .00934
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 833183	OHMS (BETWEEN LINES)



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



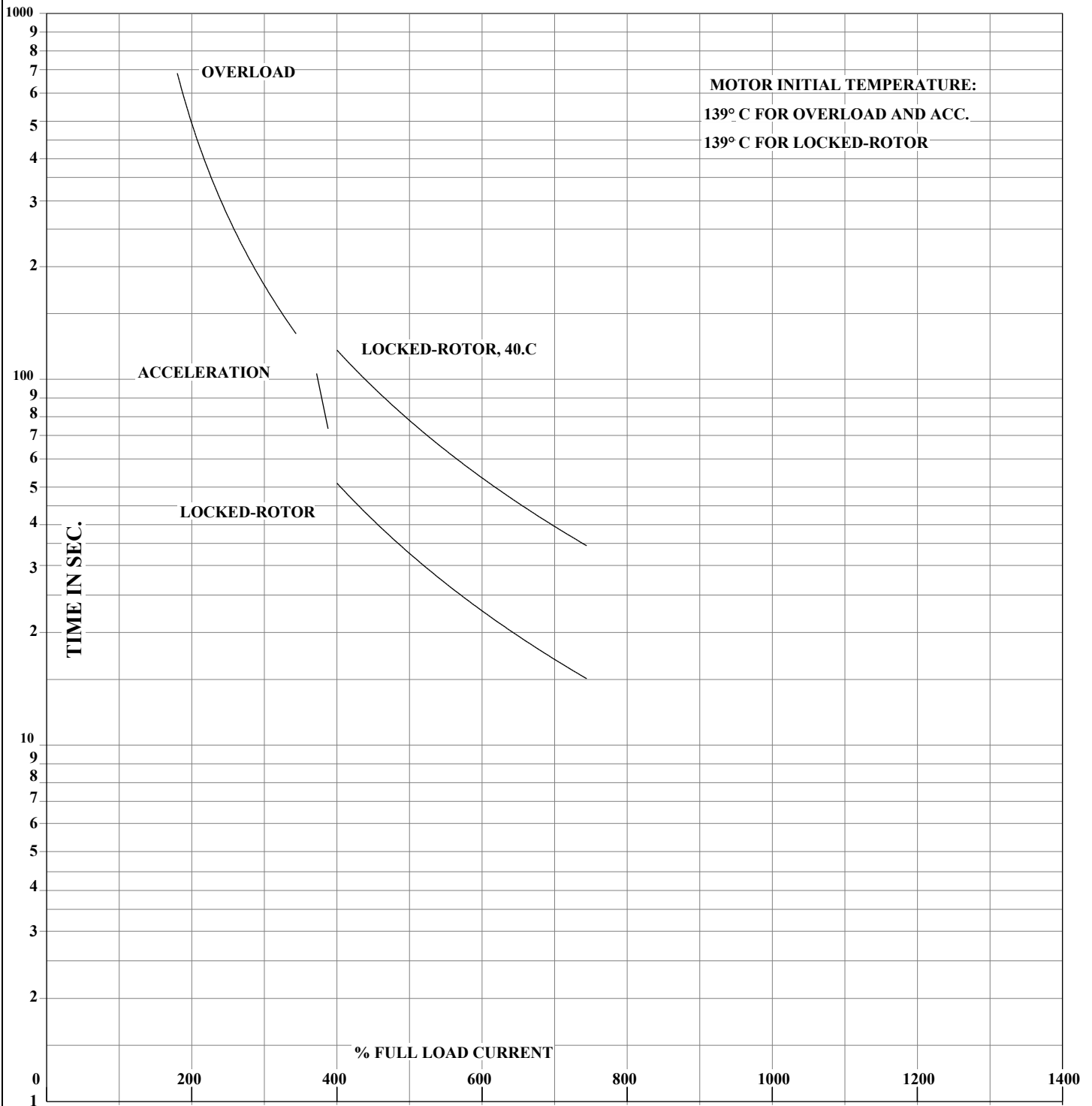
DRAWN BY: J.J.HARRISON  
 CHECKED BY: W.L.SMITH  
 APPROVED BY: W.L.SMITH  
 DATE: 08/04/10

AC MOTOR  
 PERFORMANCE  
 DATA

**A44WG1242-R001**

ISSUE DATE 03/30/2026

REL S.O.	RPM 3570	S.F. 1.15	ROTOR 418143-3SE
FRAME 449TS	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 300	AMPS 318	CODE LETTER G	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .00934
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S 833183	OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE  
NEMA NOM. EFF. - 96.2%

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

	DRAWN BY: <u>J.J.HARRISON</u>	AC MOTOR PERFORMANCE DATA	A44WG1242-R001
	CHECKED BY: <u>W.L.SMITH</u> APPROVED BY: <u>W.L.SMITH</u> DATE: <u>08/04/10</u>		