

S/O	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	400	P	3/60	1785	460

AMPS	DUTY	AMB °C/ INSUL	S.F.	NEMA DESIGN	CODE LETTER	ENCLOSURE
442	CONT	40/F	1.15	A	H	TEFC

E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)
-	418143048YE	---	---	.00681

PERFORMANCE

LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	106	1800	5.93	0
1/4	100	150	1796	67.0	93.2
2/4	200	233	1793	83.9	95.7
3/4	300	334	1789	87.5	96.2
4/4	400	442	1785	88.1	96.1
5/4	500	553	1780	88.2	95.9

SPEED TORQUE

	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	283	3329	3323
PULL UP	1450	196	2312	2153
BREAKDOWN	1728	244	2873	1487
FULL LOAD	1785	100	1177	442

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

CALCULATED DATA
 XE MOTOR-NEMA NOM. EFF. 96.2 PCT.

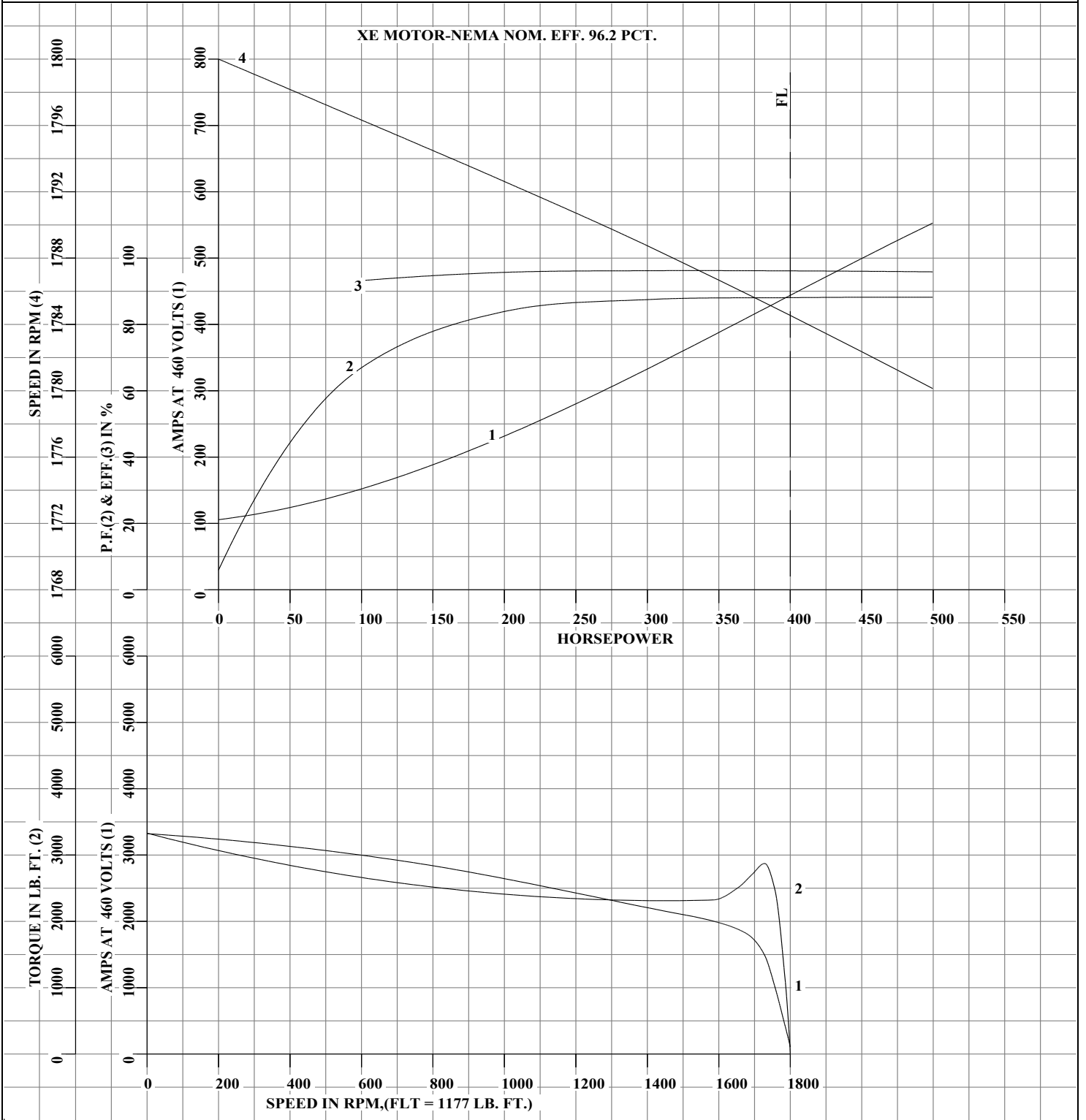


DRAWN BY: CD
 CHECKED BY: T. KELATI
 APPROVED BY: T. KELATI
 DATE: 08/31/2015


**AC MOTOR
 PERFORMANCE
 DATA**

A44WG5274-R001
 DATE ISSUED 08/31/20

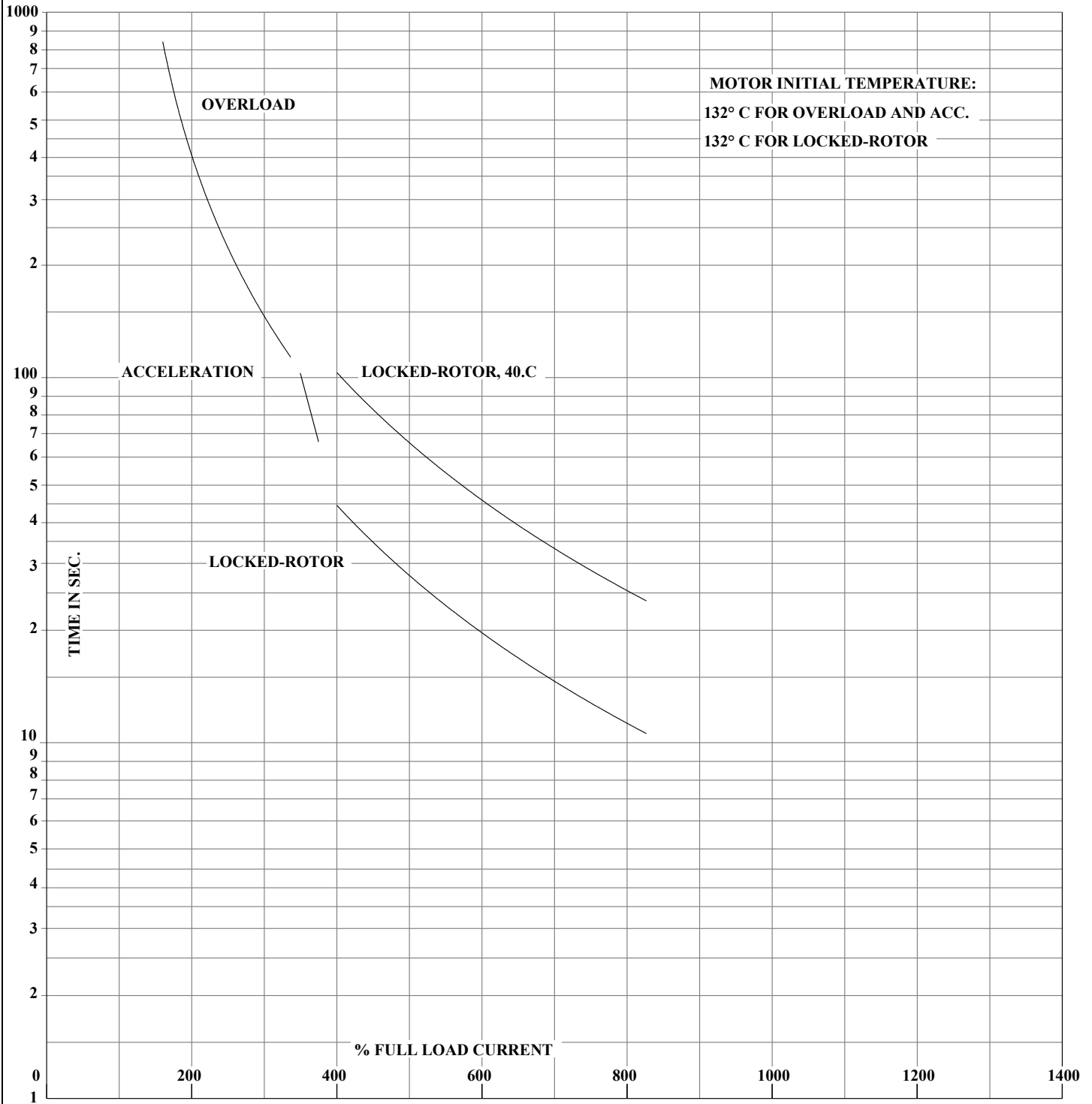
REL S.O.	RPM 1785	S.F. 1.15	ROTOR 418143048YE
FRAME 449T	VOLTS 460	NEMA DESIGN A	TEST S.O. CALCULATED DATA
HP 400	AMPS 442	CODE LETTER H	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .00681
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S -	OHMS (BETWEEN LINES)



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


 A MEMBER OF THE ABB GROUP	DRAWN BY: <u>CD</u>	AC MOTOR PERFORMANCE DATA	A44WG5274-R001
	CHECKED BY: <u>T.KELATI</u>		
	APPROVED BY: <u>T.KELATI</u>		
	DATE: <u>08/31/2015</u>		
		ISSUE DATE <u>08/31/2015</u>	

REL S.O.	RPM 1785	S.F. 1.15	ROTOR 418143048YE
FRAME 449T	VOLTS 460	NEMA DESIGN A	TEST S.O. CALCULATED DATA
HP 400	AMPS 442	CODE LETTER H	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .00681
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S -	OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

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

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