

S/O	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	449T	350	P	3/60	1785	460

AMPS	DUTY	AMB °C/ INSUL	S.F.	NEMA DESIGN	CODE LETTER	ENCLOSURE
389	CONT	40/F	1.15	B	G	TEFC

E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)
---	418143059AEQ	---	---	.00938

PERFORMANCE


LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY
NO LOAD	0	108	1800	3.69	0
1/4	87.6	142	1796	60.8	94.8
2/4	175	211	1792	80.5	96.4
3/4	262	296	1788	86.0	96.5
4/4	350	389	1783	87.6	96.2
5/4	438	485	1779	88.2	95.7

SPEED TORQUE

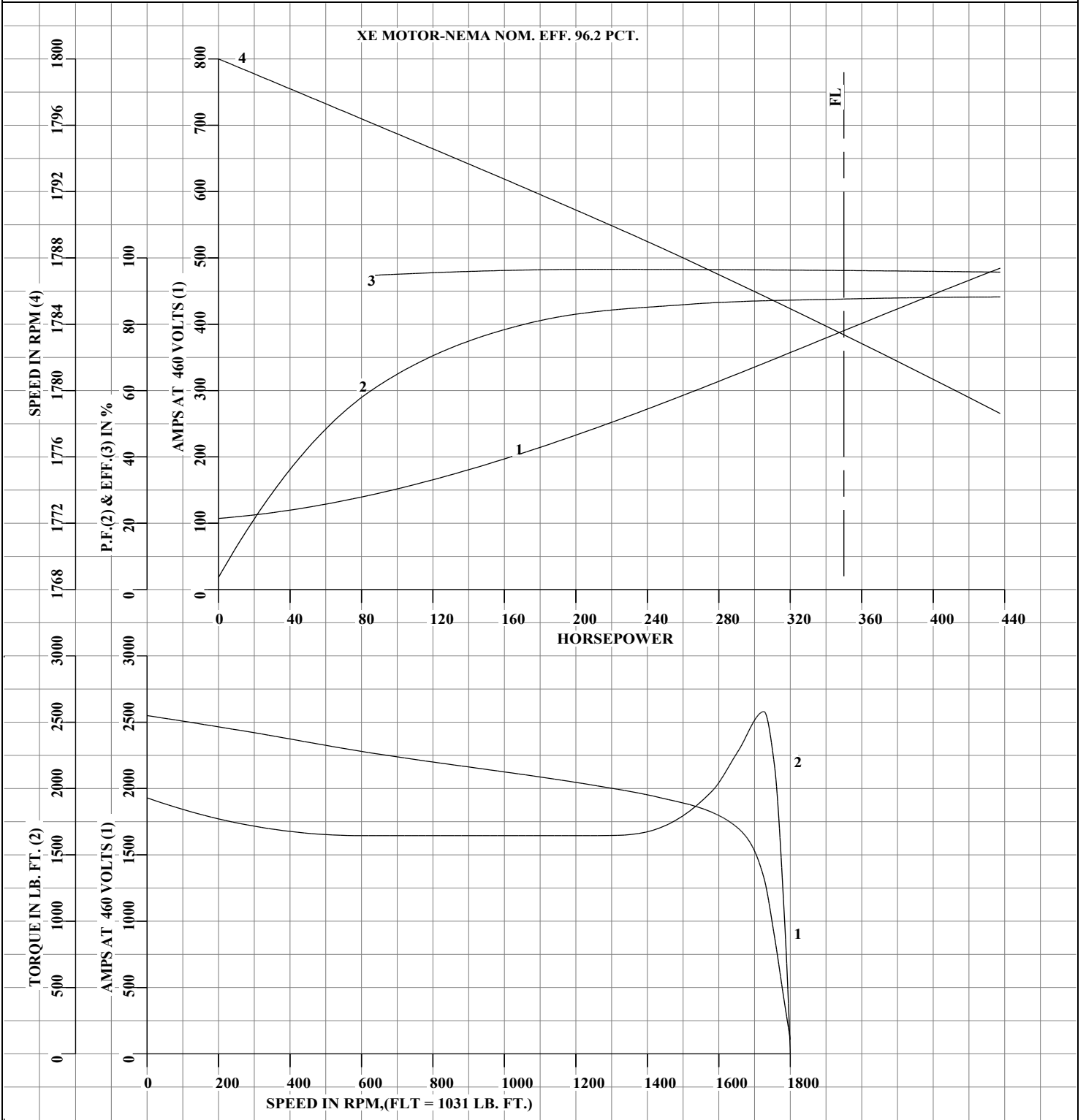
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	187	1930	2550
PULL UP	600	160	1645	2280
BREAKDOWN	1726	250	2580	1325
FULL LOAD	1783	100	1031	389

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


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

 A MEMBER OF THE ABB GROUP	DRAWN BY: <u>E.J.CHRISTIAN</u> CHECKED BY: <u>W.L. SMITH</u> APPROVED BY: <u>E.J.CHRISTIAN</u> DATE: <u>07/18/16</u>	AC MOTOR PERFORMANCE DATA	A44WG5597-R001 DATE ISSUED 12/04/17
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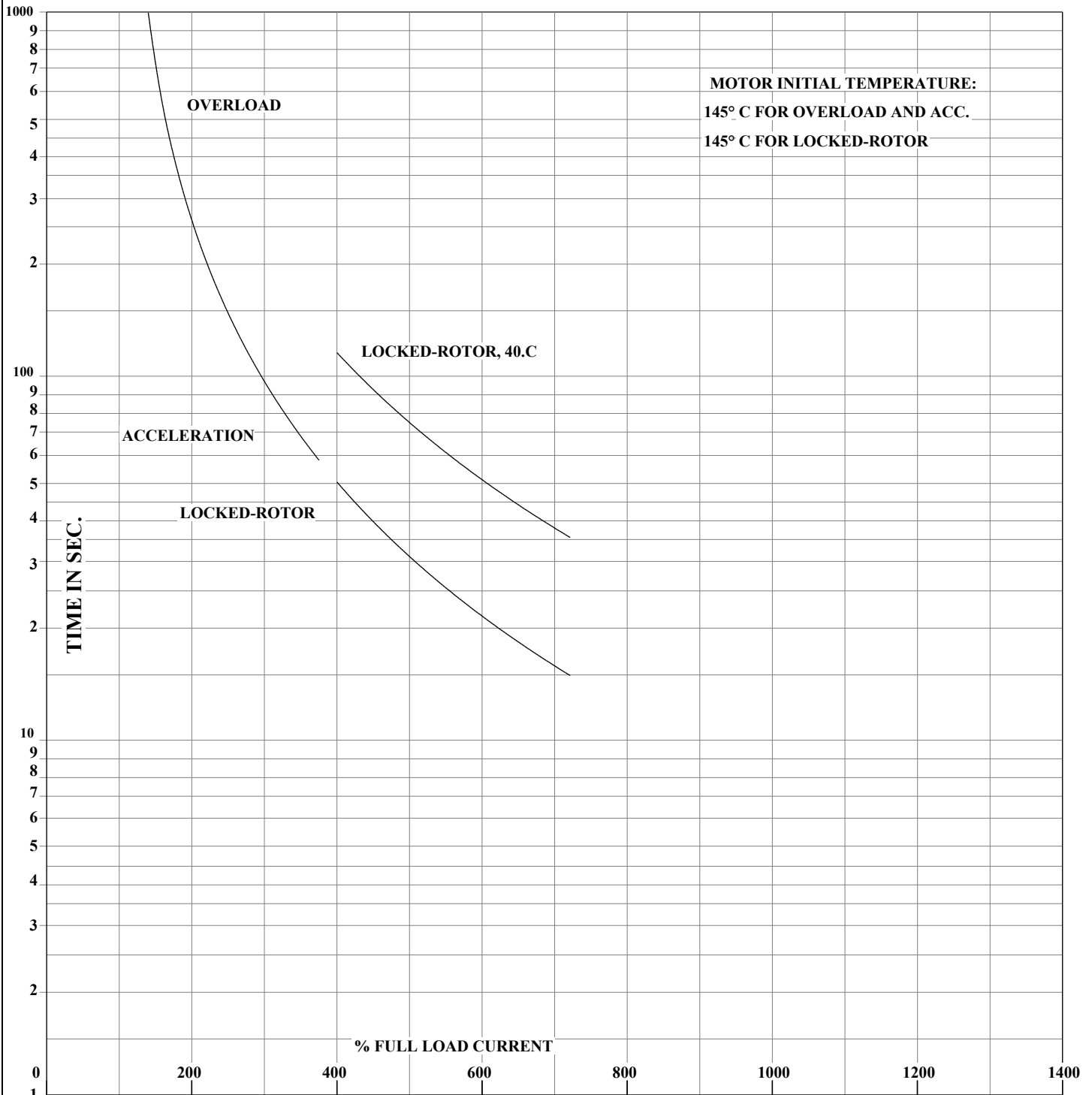
REL S.O.	RPM 1785	S.F. 1.15	ROTOR 418143059AEQ
FRAME 449T	VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 350	AMPS 389	CODE LETTER G	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .00938
PHASE / HERTZ 3/60	AMB °C / INSUL 40/F	E/S ---	OHMS (BETWEEN LINES)



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

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THERMAL LIMIT CURVE

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



DRAWN BY: E.J.CHRISTIAN
 CHECKED BY: W.L. SMITH
 APPROVED BY: E.J.CHRISTIAN
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AC MOTOR
 PERFORMANCE
 DATA

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