


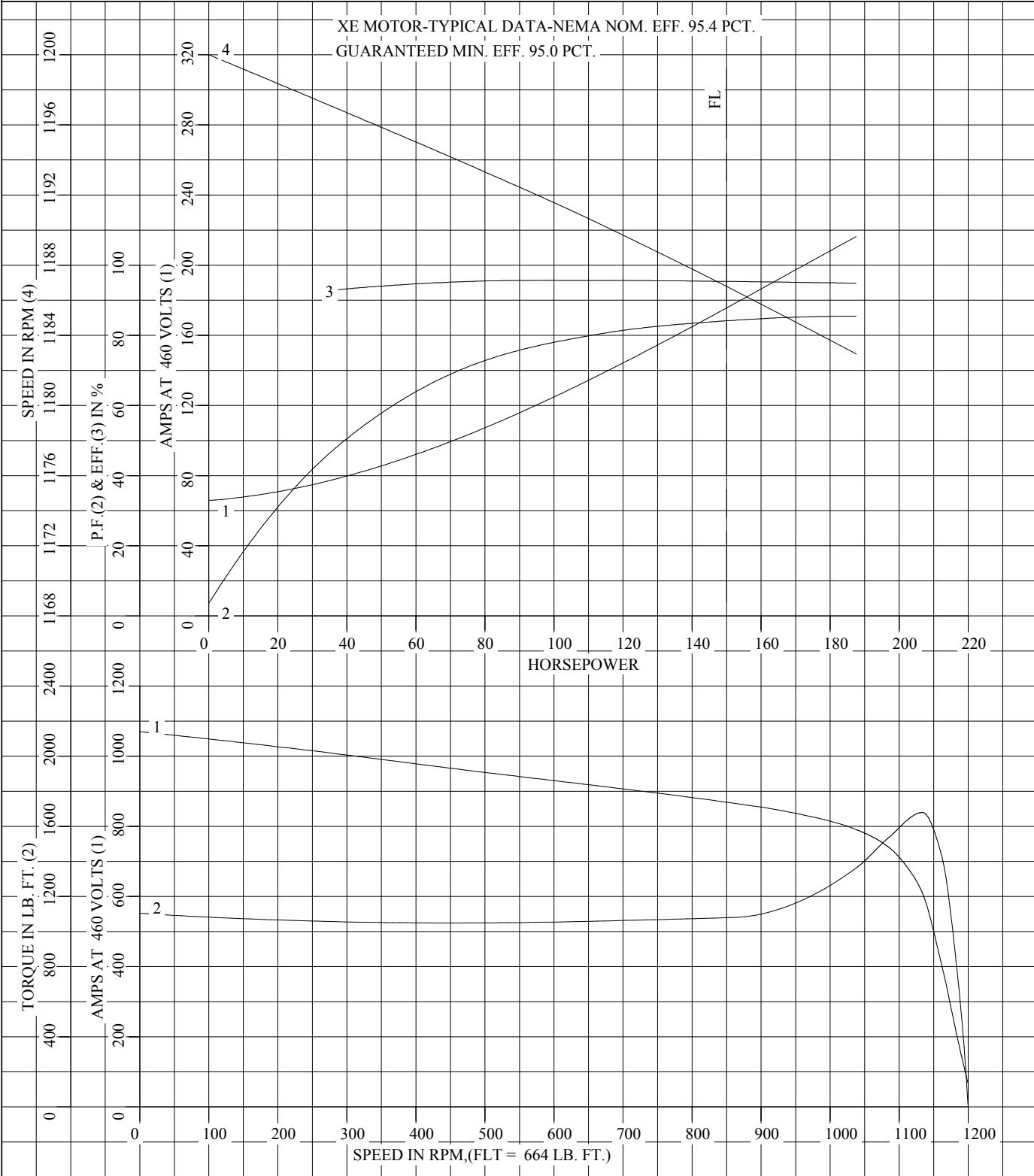
| | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------|-----------------------|------------------------------------------------------------------------------------------|-----------------|-------|
| REL. S.O. | FRAME | HP | TYPE | PHASE/ HERTZ | RPM | VOLTS |
| | 445T | 150 | P | 3/60 | 1185 | 460 |
| AMPS | DUTY | AMB °C/ INSUL. | S.F. | NEMA DESIGN | CODE LETTER | ENCL. |
| 175 | CONT | 40/F | 1.15 | B | G | TEFC |
| E/S | ROTOR | TEST S.O. | TEST DATE | STATOR RES. @25 °C OHMS (BETWEEN LINES) | | |
| 599851 | 418143-81-AE | --- | --- | .0355 | | |
| PERFORMANCE | | | | | | |
| LOAD | HP | AMPERES | RPM | % POWER FACTOR | % EFFICIENCY | |
| NO LOAD | 0 | 66.0 | 1200 | 3.58 | 0 | |
| 1/4 | 37.6 | 77.8 | 1197 | 48.6 | 93.0 | |
| 2/4 | 75.0 | 104 | 1194 | 71.0 | 95.4 | |
| 3/4 | 112 | 137 | 1190 | 80.3 | 95.6 | |
| 4/4 | 150 | 175 | 1187 | 84.1 | 95.4 | |
| 5/4 | 188 | 217 | 1183 | 85.5 | 94.8 | |
| SPEED TORQUE | | | | | | |
| | | RPM | TORQUE % FULL LOAD | TORQUE LB.-FT. | AMPERES | |
| LOCKED ROTOR | | 0 | 166 | 1104 | 1070 | |
| PULL UP | | 453 | 158 | 1049 | 965 | |
| BREAKDOWN | | 1134 | 253 | 1679 | 609 | |
| FULL LOAD | | 1187 | 100 | 664 | 175 | |
| <p>AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA XE MOTOR-TYPICAL DATA-NEMA NOM. EFF. 95.4 PCT. GUARANTEED MIN. EFF. 95.0 PCT.</p> | | | | | | |
|  | | DR. BY T.G.KEALTI | | A-C MOTOR PERFORMANCE A44WG0914-R001 DATA ISSUE DATE 12/17/10 | | |
| | | CK. BY J.J.HARRISON | | | | |
| | | APP. BY T.G.KELATI | | | | |
| | | DATE 06/08/10 | | | | |

REL S.O.
 FRAME 445T
 HP 150
 TYPE P
 PHASE/HERTZ 3/60

RPM 1185
 VOLTS 460
 AMPS 175
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 599851

ROTOR 418143-81-AE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0355
 OHMS (BETWEEN LINES)



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



DR. BY T.G.KEALTI
 CK. BY J.J.HARRISON
 APP. BY T.G.KEALTI
 DATE 06/08/10

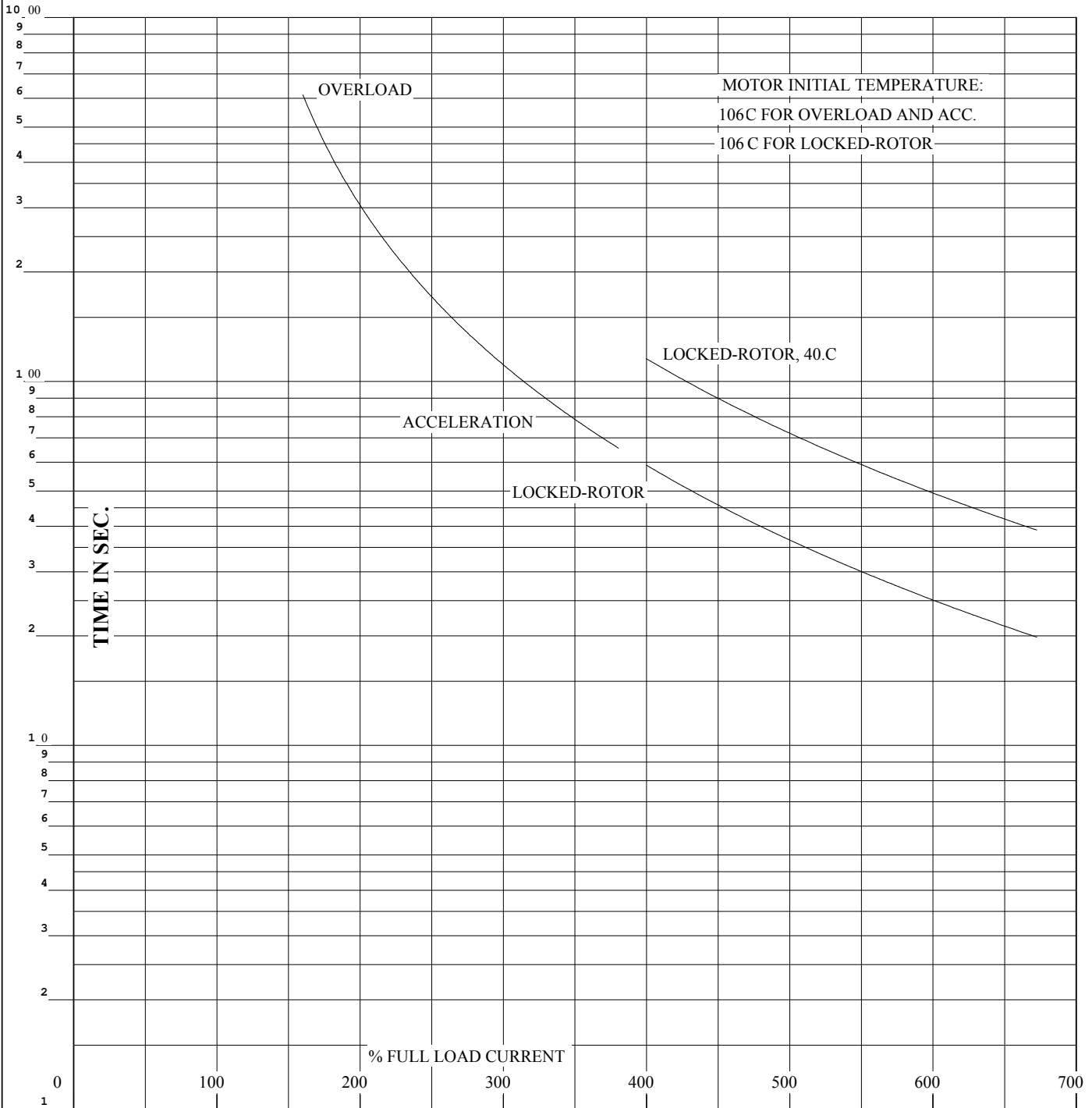
A-C MOTOR
PERFORMANCE A44WG0914-R001
CURVES ISSUE DATE 12/17/10

REL. S.O.
 FRAME 445T
 HP 150
 TYPE P
 PHASE/HERTZ 3/60

RPM 1185
 VOLTS 460
 AMPS 175
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
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ROTOR 418143-81-AE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0355
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: XE MOTOR-TYPICAL DATA-NEMA NOM. EFF. 95.4 PCT.
 GUARANTEED MIN. EFF. 95.0 PCT.

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



DR. BY T.G.KEALTI
 CK. BY J.J.HARRISON
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 DATE 06/08/10

**A-C MOTOR
 PERFORMANCE CURVES** A44WG0914-R001
 ISSUE DATE 12/17/10