


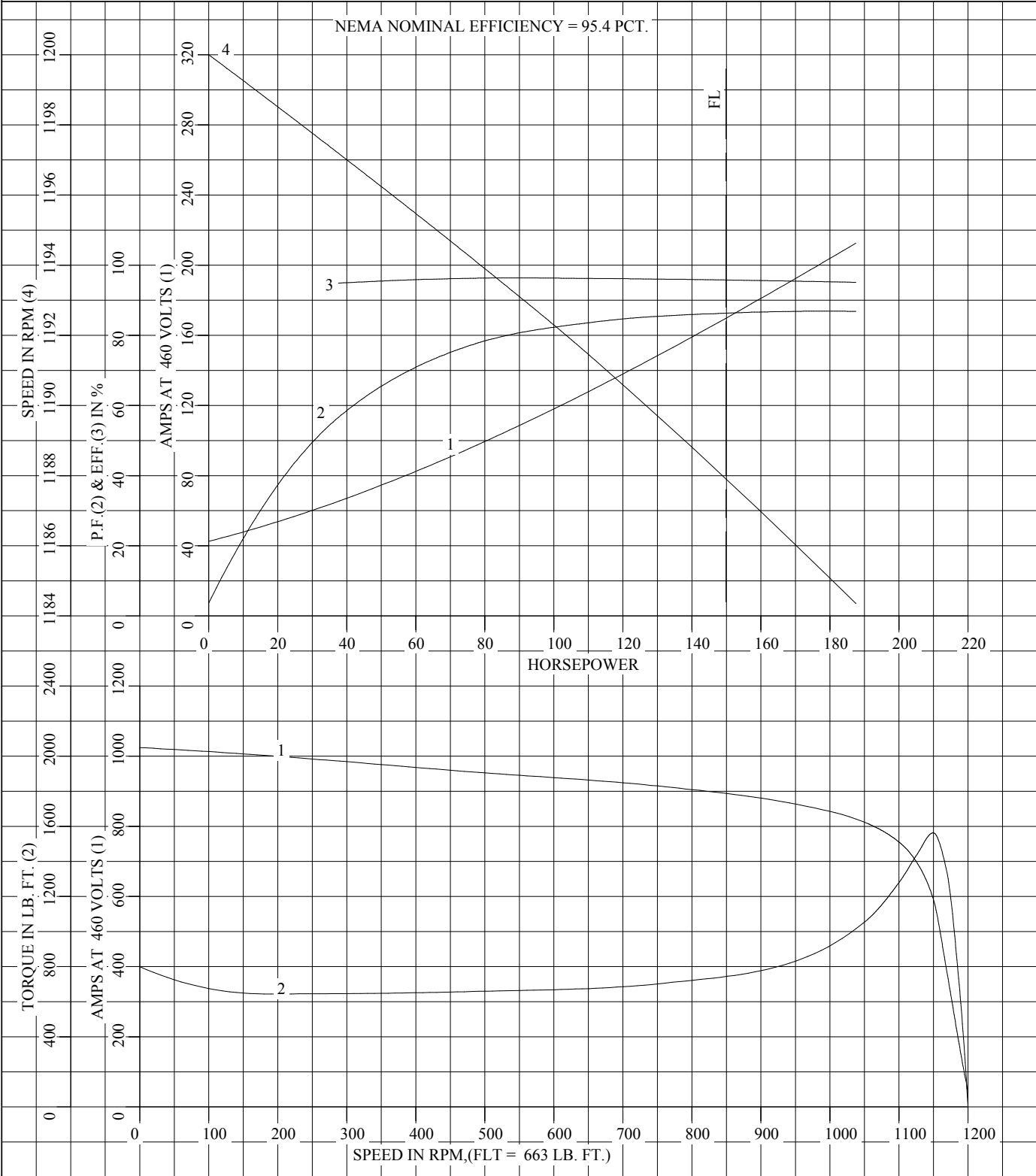
|  |             |                       |                       |  |                 |       |
|--|-------------|-----------------------|-----------------------|--|-----------------|-------|
| REL.<br>S.O.   | FRAME       | HP                    | TYPE                  | PHASE/<br>HERTZ  | RPM             | VOLTS |
|  | 447T        | 150                   | P                     | 3/60   | 1190            | 460   |
| AMPS   | DUTY        | AMB °C/<br>INSUL.     | S.F.                  | NEMA<br>DESIGN   | CODE<br>LETTER  | ENCL. |
| 170  | CONT        | 40/F                  | 1.15                  | B  | F               | TEFC  |
| E/S  | ROTOR       | TEST<br>S.O.          | TEST<br>DATE          | STATOR RES. @25 °C<br>OHMS (BETWEEN LINES)   |                 |       |
| 833241   | 418143080ME | ---                   | ---                   | .0324  |                 |       |
| PERFORMANCE  |             |                       |                       |  |                 |       |
| LOAD   | HP          | AMPERES               | RPM                   | %<br>POWER FACTOR  | %<br>EFFICIENCY |       |
| NO LOAD  | 0           | 42.5                  | 1200                  | 3.70   | 0               |       |
| 1/4  | 37.6        | 65.5                  | 1197                  | 56.6   | 94.9            |       |
| 2/4  | 75.1        | 94.9                  | 1194                  | 76.9   | 96.3            |       |
| 3/4  | 112         | 130                   | 1191                  | 83.9   | 96.2            |       |
| 4/4  | 150         | 170                   | 1188                  | 86.3   | 95.8            |       |
| 5/4  | 188         | 213                   | 1184                  | 86.8   | 95.1            |       |
| SPEED TORQUE   |             |                       |                       |  |                 |       |
|  |             | RPM                   | TORQUE<br>% FULL LOAD | TORQUE<br>LB.-FT.  | AMPERES         |       |
| LOCKED ROTOR   |             | 0                     | 121                   | 799  | 1025            |       |
| PULL UP  |             | 180                   | 97.2                  | 644  | 1002            |       |
| BREAKDOWN  |             | 1150                  | 236                   | 1563   | 592             |       |
| FULL LOAD  |             | 1188                  | 100                   | 663  | 170             |       |
| <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<br/>NEMA NOMINAL EFFICIENCY = 95.4 PCT.</p> |             |                       |                       |  |                 |       |
|   |             | DR. BY W. L. SMITH    |                       | <b>A-C MOTOR</b><br><b>PERFORMANCE A44WG1496-R001</b><br><b>DATA</b> ISSUE DATE 12/18/10 |                 |       |
|  |             | CK. BY J. J. HARRISON |                       |  |                 |       |
|  |             | APP. BY W. L. SMITH   |                       |  |                 |       |
|  |             | DATE 04/27/10         |                       |  |                 |       |

REL S.O.  
 FRAME 447T  
 HP 150  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1190  
 VOLTS 460  
 AMPS 170  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER F  
 ENCLOSURE TEFC  
 E/S 833241

ROTOR 418143080ME  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0324  
 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 W. L. SMITH  
 CK. BY J.J.HARRISON  
 APP. BY W. L. SMITH  
 DATE 04/27/10

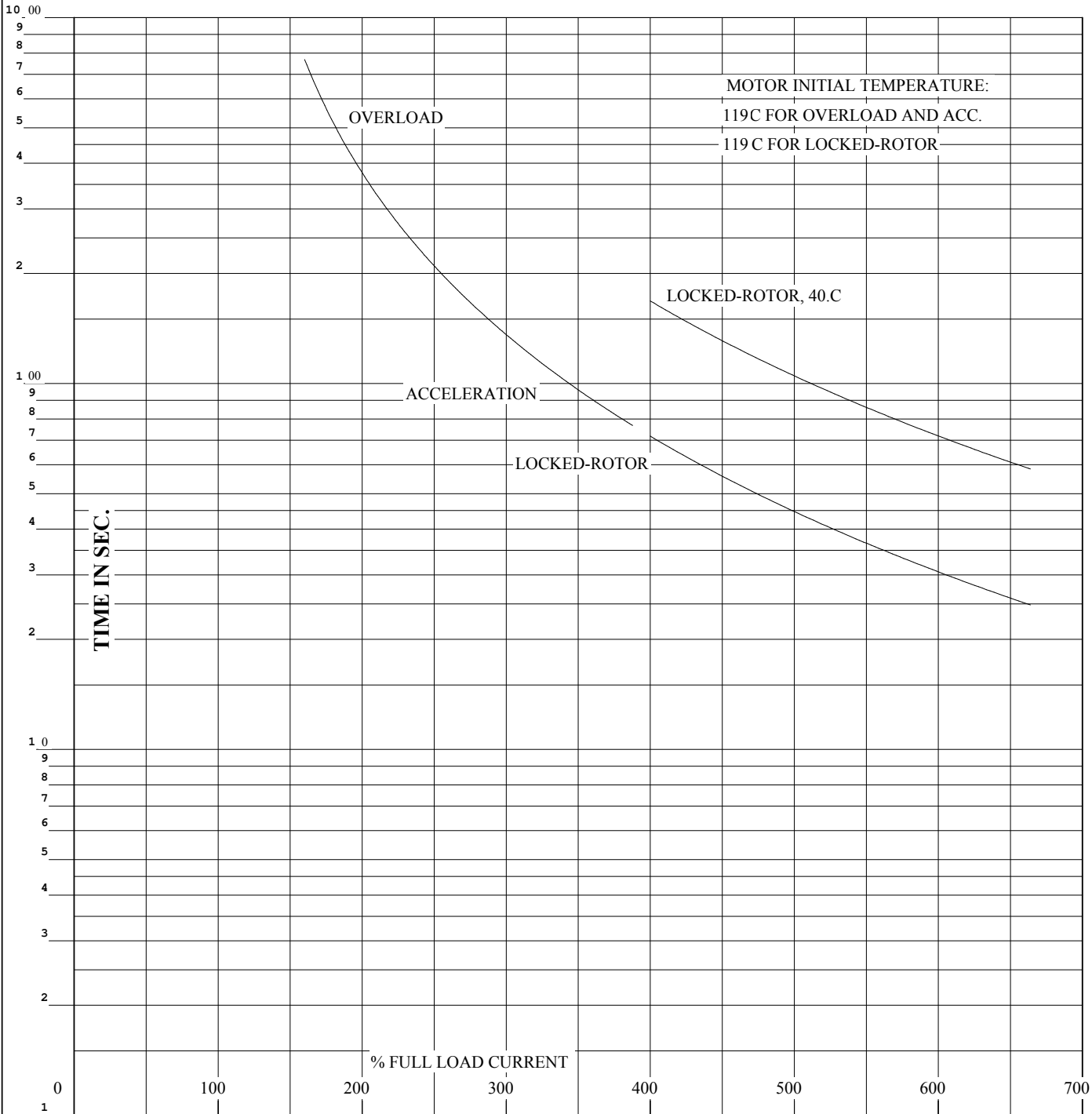
**A-C MOTOR PERFORMANCE CURVES**  
 A44WG1496-R001  
 ISSUE DATE 12/18/10

REL. S.O.  
 FRAME 447T  
 HP 150  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1190  
 VOLTS 460  
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 DUTY CONT  
 AMB °C/INSUL 40/F

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ROTOR 418143080ME  
 TEST S.O. TYPICAL DATA  
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 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: NEMA NOMINAL EFFICIENCY = 95.4 PCT.

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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**A-C MOTOR  
 PERFORMANCE A44WG1496-R001  
 CURVES** ISSUE DATE 12/18/10