

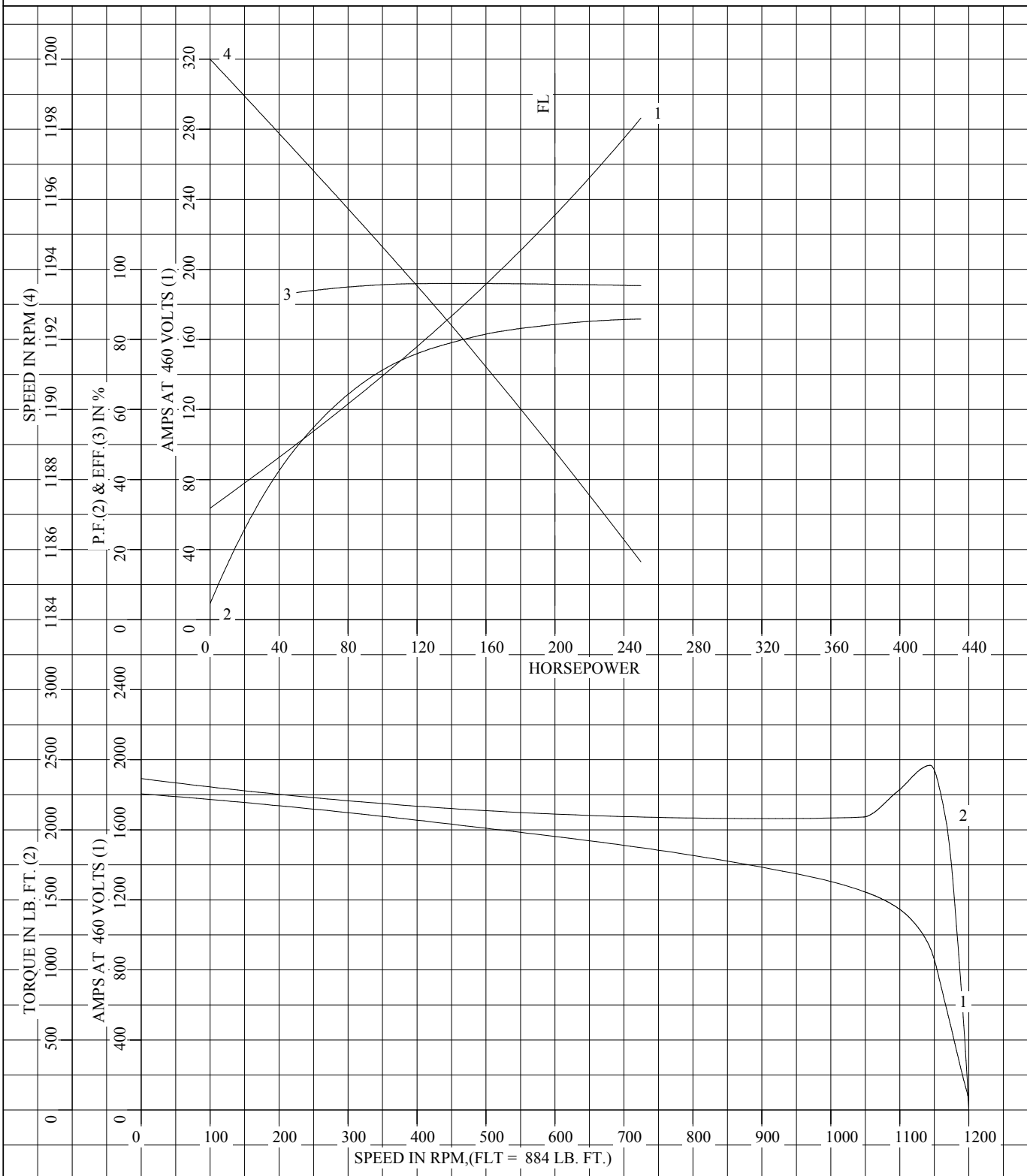
|                                                                                                                                                                                |             |                                                                                                                 |                       |                                                                                          |                 |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------|-----------------|-------|
| REL.<br>S.O.                                                                                                                                                                   | FRAME       | HP                                                                                                              | TYPE                  | PHASE/<br>HERTZ                                                                          | RPM             | VOLTS |
|                                                                                                                                                                                | 449T        | 200                                                                                                             | P                     | 3/60                                                                                     | 1190            | 460   |
|                                                                                                                                                                                |             |                                                                                                                 |                       |                                                                                          |                 |       |
| AMPS                                                                                                                                                                           | DUTY        | AMB °C/<br>INSUL.                                                                                               | S.F.                  | NEMA<br>DESIGN                                                                           | CODE<br>LETTER  | ENCL. |
| 232                                                                                                                                                                            | CONT        | 40/F                                                                                                            | 1.15                  | A                                                                                        | J               | TEFC  |
|                                                                                                                                                                                |             |                                                                                                                 |                       |                                                                                          |                 |       |
| E/S                                                                                                                                                                            | ROTOR       | TEST<br>S.O.                                                                                                    | TEST<br>DATE          | STATOR RES.@25 °C<br>OHMS (BETWEEN LINES)                                                |                 |       |
| 833225                                                                                                                                                                         | 418143098PE | ---                                                                                                             | ---                   | .0180                                                                                    |                 |       |
| PERFORMANCE                                                                                                                                                                    |             |                                                                                                                 |                       |                                                                                          |                 |       |
| LOAD                                                                                                                                                                           | HP          | AMPERES                                                                                                         | RPM                   | %<br>POWER FACTOR                                                                        | %<br>EFFICIENCY |       |
| NO LOAD                                                                                                                                                                        | 0           | 63.0                                                                                                            | 1200                  | 4.54                                                                                     | 0               |       |
| 1/4                                                                                                                                                                            | 50.0        | 102                                                                                                             | 1197                  | 49.2                                                                                     | 93.4            |       |
| 2/4                                                                                                                                                                            | 100         | 137                                                                                                             | 1195                  | 71.2                                                                                     | 95.6            |       |
| 3/4                                                                                                                                                                            | 150         | 182                                                                                                             | 1192                  | 80.4                                                                                     | 95.9            |       |
| 4/4                                                                                                                                                                            | 200         | 232                                                                                                             | 1189                  | 84.3                                                                                     | 95.8            |       |
| 5/4                                                                                                                                                                            | 250         | 286                                                                                                             | 1186                  | 85.8                                                                                     | 95.3            |       |
|                                                                                                                                                                                |             |                                                                                                                 |                       |                                                                                          |                 |       |
| SPEED TORQUE                                                                                                                                                                   |             |                                                                                                                 |                       |                                                                                          |                 |       |
|                                                                                                                                                                                |             | RPM                                                                                                             | TORQUE<br>% FULL LOAD | TORQUE<br>LB.-FT.                                                                        | AMPERES         |       |
| LOCKED ROTOR                                                                                                                                                                   |             | 0                                                                                                               | 268                   | 2366                                                                                     | 1805            |       |
| PULL UP                                                                                                                                                                        |             | 900                                                                                                             | 235                   | 2080                                                                                     | 1386            |       |
| BREAKDOWN                                                                                                                                                                      |             | 1144                                                                                                            | 278                   | 2460                                                                                     | 924             |       |
| FULL LOAD                                                                                                                                                                      |             | 1189                                                                                                            | 100                   | 884                                                                                      | 232             |       |
| <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</p> |             |                                                                                                                 |                       |                                                                                          |                 |       |
|                                                                                             |             | DR. BY <u>W. L. SMITH</u><br>CK. BY <u>J. J. HARRISON</u><br>APP. BY <u>W. L. SMITH</u><br>DATE <u>07/12/10</u> |                       | <b>A-C MOTOR</b><br><b>PERFORMANCE A44WG1486-R001</b><br><b>DATA</b> ISSUE DATE 12/18/10 |                 |       |

REL S.O.  
FRAME 449T  
HP 200  
TYPE P  
PHASE/HERTZ 3/60

RPM 1190  
VOLTS 460  
AMPS 232  
DUTY CONT  
AMB °C/INSUL 40/F

S.F. 1.15  
NEMA DESIGN A  
CODE LETTER J  
ENCLOSURE TEFC  
E/S 833225

ROTOR 418143098PE  
TEST S.O. TYPICAL DATA  
TEST DATE ---  
STATOR RES. @ 25 °C .0180  
OHMS (BETWEEN LINES)



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

**BALDOR**

DR. BY W. L. SMITH  
CK. BY J.J. HARRISON  
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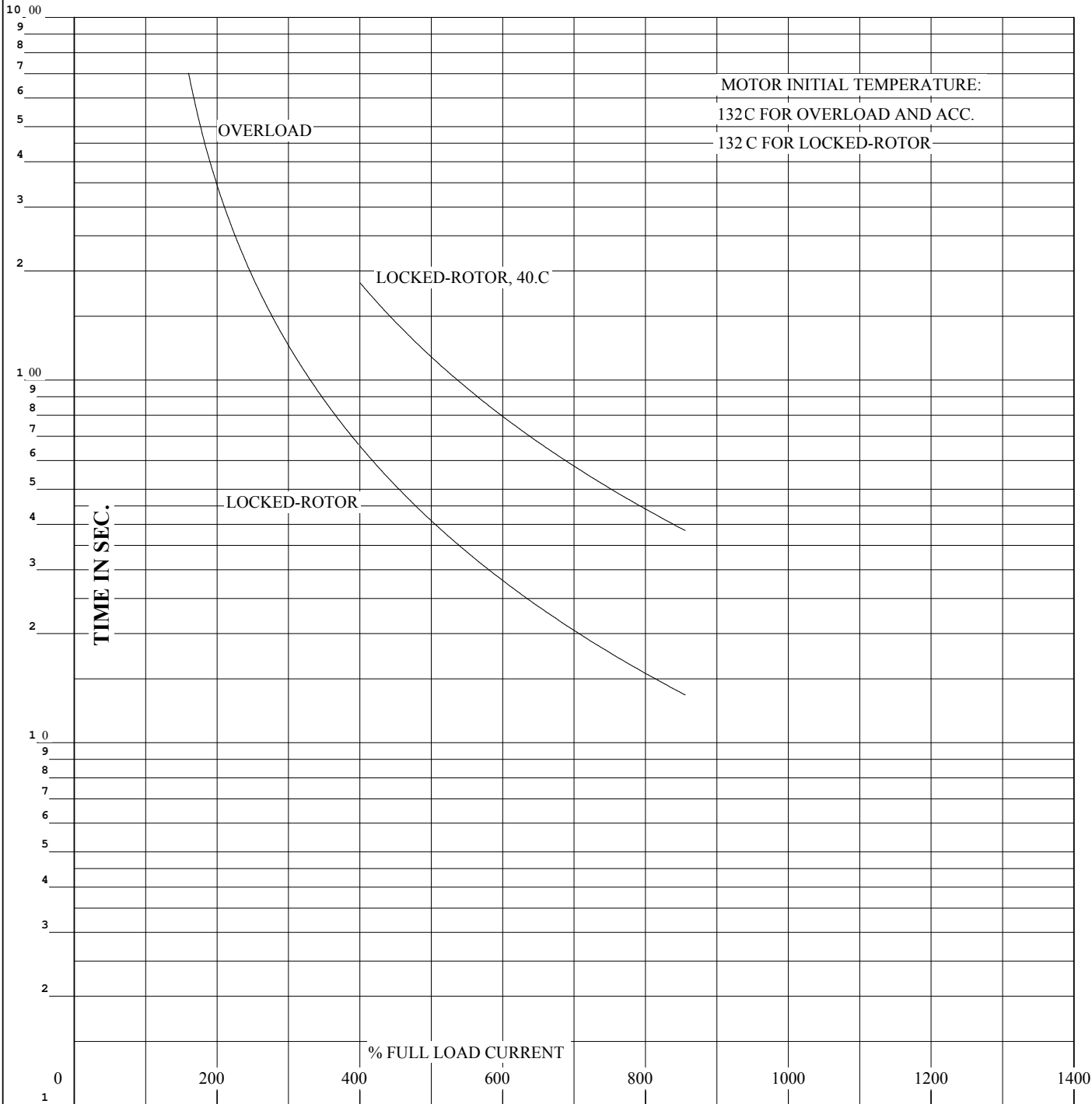
**A-C MOTOR  
PERFORMANCE CURVES**  
A44WG1486-R001  
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THERMAL LIMIT CURVE

REMARKS:

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