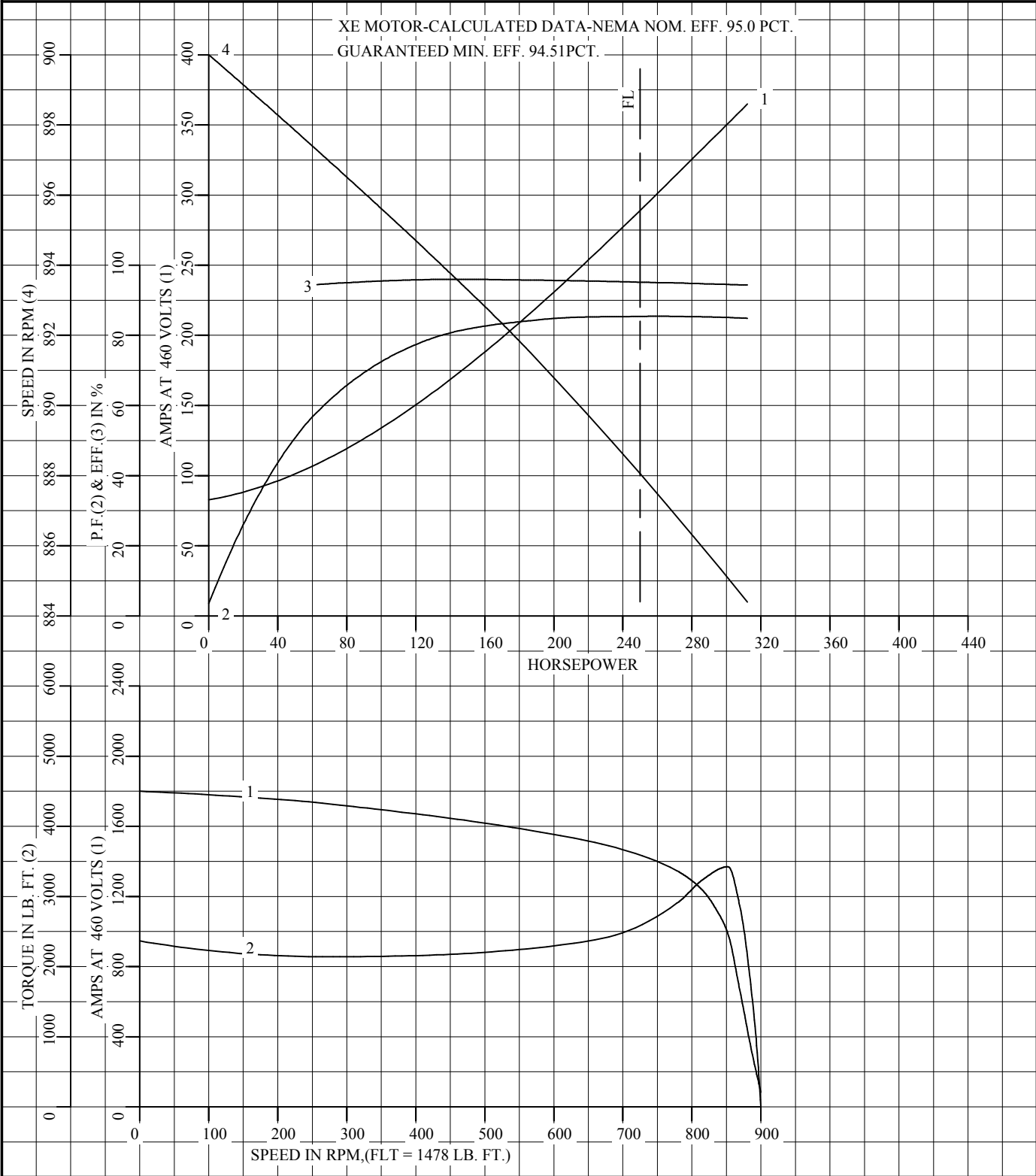


REL S.O.  
 FRAME L449T  
 HP 250  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 890  
 VOLTS 460  
 AMPS 288  
 DUTY CONT  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE TEFC  
 E/S 401727

ROTOR 418143-87-EE  
 TEST S.O. ---  
 TEST DATE ---  
 STATOR RES. @ 25 °C .0193  
 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 G. R. WEBB  
 CK. BY W. L. SMITH  
 APP. BY W. L. SMITH  
 DATE 08/12/13

**A-C MOTOR PERFORMANCE CURVES**  
 A44WG2235-R005  
 ISSUE DATE 08/12/13

|  |              |                     |                       |  |                 |       |
|--|--------------|---------------------|-----------------------|--|-----------------|-------|
| REL.<br>S.O.   | FRAME        | HP                  | TYPE                  | PHASE/<br>HERTZ  | RPM             | VOLTS |
|  | L449T        | 250                 | P                     | 3/60   | 890             | 460   |
| AMPS   | DUTY         | AMB °C/<br>INSUL.   | S.F.                  | NEMA<br>DESIGN   | CODE<br>LETTER  | ENCL. |
| 288  | CONT         | 40/F                | 1.15                  | B  | G               | TEFC  |
| E/S  | ROTOR        | TEST<br>S.O.        | TEST<br>DATE          | STATOR RES. @25 °C<br>OHMS (BETWEEN LINES)   |                 |       |
| 401727   | 418143-87-EE | ---                 | ---                   | .0193  |                 |       |
| PERFORMANCE  |              |                     |                       |  |                 |       |
| LOAD   | HP           | AMPERES             | RPM                   | %<br>POWER FACTOR  | %<br>EFFICIENCY |       |
| NO LOAD  | 0            | 83.1                | 900                   | 3.51   | 0               |       |
| 1/4  | 62.7         | 107                 | 897                   | 58.1   | 94.5            |       |
| 2/4  | 125          | 156                 | 894                   | 78.4   | 95.9            |       |
| 3/4  | 187          | 218                 | 891                   | 84.3   | 95.7            |       |
| 4/4  | 250          | 288                 | 888                   | 85.4   | 95.2            |       |
| 5/4  | 312          | 365                 | 884                   | 84.8   | 94.3            |       |
| SPEED TORQUE   |              |                     |                       |  |                 |       |
|  |              | RPM                 | TORQUE<br>% FULL LOAD | TORQUE<br>LB.-FT.  | AMPERES         |       |
| LOCKED ROTOR   |              | 0                   | 160                   | 2365   | 1800            |       |
| PULL UP  |              | 270                 | 145                   | 2141   | 1730            |       |
| BREAKDOWN  |              | 852                 | 232                   | 3425   | 985             |       |
| FULL LOAD  |              | 888                 | 100                   | 1478   | 288             |       |
| <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: XE MOTOR-CALCULATED DATA-NEMA NOM. EFF. 95.0 PCT.<br/>GUARANTEED MIN. EFF. 94.51PCT.</p> |              |                     |                       |  |                 |       |
|   |              | DR. BY G. R. WEBB   |                       | <b>A-C MOTOR</b><br><b>PERFORMANCE A44WG2235-R005</b><br><b>DATA</b> ISSUE DATE 08/12/13 |                 |       |
|  |              | CK. BY W. L. SMITH  |                       |  |                 |       |
|  |              | APP. BY W. L. SMITH |                       |  |                 |       |
|  |              | DATE 08/12/13       |                       |  |                 |       |