

|                                                                                                                                               |             |                                                                                    |                       |                                                                     |                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------|-----------------|-------|
| REL.<br>S.O.                                                                                                                                  | FRAME       | HP                                                                                 | TYPE                  | PHASE/<br>HERTZ                                                     | RPM             | VOLTS |
|                                                                                                                                               | 447T        | 125                                                                                | P                     | 3/60                                                                | 1140            | 460   |
| AMPS                                                                                                                                          | DUTY        | AMB °C/<br>INSUL.                                                                  | S.F.                  | NEMA<br>DESIGN                                                      | CODE<br>LETTER  | ENCL. |
| 145                                                                                                                                           | CONT        | 40/F                                                                               | 1.15                  | D                                                                   | G               | TEFC  |
| E/S                                                                                                                                           | ROTOR       | TEST<br>S.O.                                                                       | TEST<br>DATE          | STATOR RES. @25 °C<br>OHMS (BETWEEN LINES)                          |                 |       |
| 833142                                                                                                                                        | 418143069BA | ---                                                                                | ---                   | .0340                                                               |                 |       |
| PERFORMANCE                                                                                                                                   |             |                                                                                    |                       |                                                                     |                 |       |
| LOAD                                                                                                                                          | HP          | AMPERES                                                                            | RPM                   | %<br>POWER FACTOR                                                   | %<br>EFFICIENCY |       |
| NO LOAD                                                                                                                                       | 0           | 37.8                                                                               | 1200                  | 7.35                                                                | 0               |       |
| 1/4                                                                                                                                           | 31.3        | 51.0                                                                               | 1186                  | 64.0                                                                | 89.8            |       |
| 2/4                                                                                                                                           | 62.4        | 76.4                                                                               | 1172                  | 83.9                                                                | 91.2            |       |
| 3/4                                                                                                                                           | 93.8        | 108                                                                                | 1158                  | 90.2                                                                | 90.4            |       |
| 4/4                                                                                                                                           | 125         | 143                                                                                | 1142                  | 91.3                                                                | 89.4            |       |
| 5/4                                                                                                                                           | 156         | 181                                                                                | 1125                  | 91.4                                                                | 88.7            |       |
|                                                                                                                                               |             |                                                                                    |                       |                                                                     |                 |       |
| SPEED TORQUE                                                                                                                                  |             |                                                                                    |                       |                                                                     |                 |       |
|                                                                                                                                               |             | RPM                                                                                | TORQUE<br>% FULL LOAD | TORQUE<br>LB.-FT.                                                   | AMPERES         |       |
| LOCKED ROTOR                                                                                                                                  |             | 0                                                                                  | 289                   | 1664                                                                | 913             |       |
| PULL UP                                                                                                                                       |             | 150                                                                                | 281                   | 1616                                                                | 840             |       |
| BREAKDOWN                                                                                                                                     |             | 804                                                                                | 360                   | 2073                                                                | 726             |       |
| FULL LOAD                                                                                                                                     |             | 1142                                                                               | 100                   | 575                                                                 | 143             |       |
| AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE<br>AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE |             |                                                                                    |                       |                                                                     |                 |       |
| REMARKS: CALCULATED DATA                                                                                                                      |             |                                                                                    |                       |                                                                     |                 |       |
|                                                            |             | DR. BY W. L. SMITH<br>CK. BY C. E. JAMISON<br>APP. BY W. L. SMITH<br>DATE 01/20/14 |                       | A-C MOTOR<br>PERFORMANCE DATA A44WG1541-R001<br>ISSUE DATE 01/20/14 |                 |       |

REL S.O.

FRAME 447T

HP 125

TYPE P

PHASE/HERTZ 3/60

RPM 1140

VOLTS 460

AMPS 145

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN D

CODE LETTER G

ENCLOSURE TEFC

E/S 833142

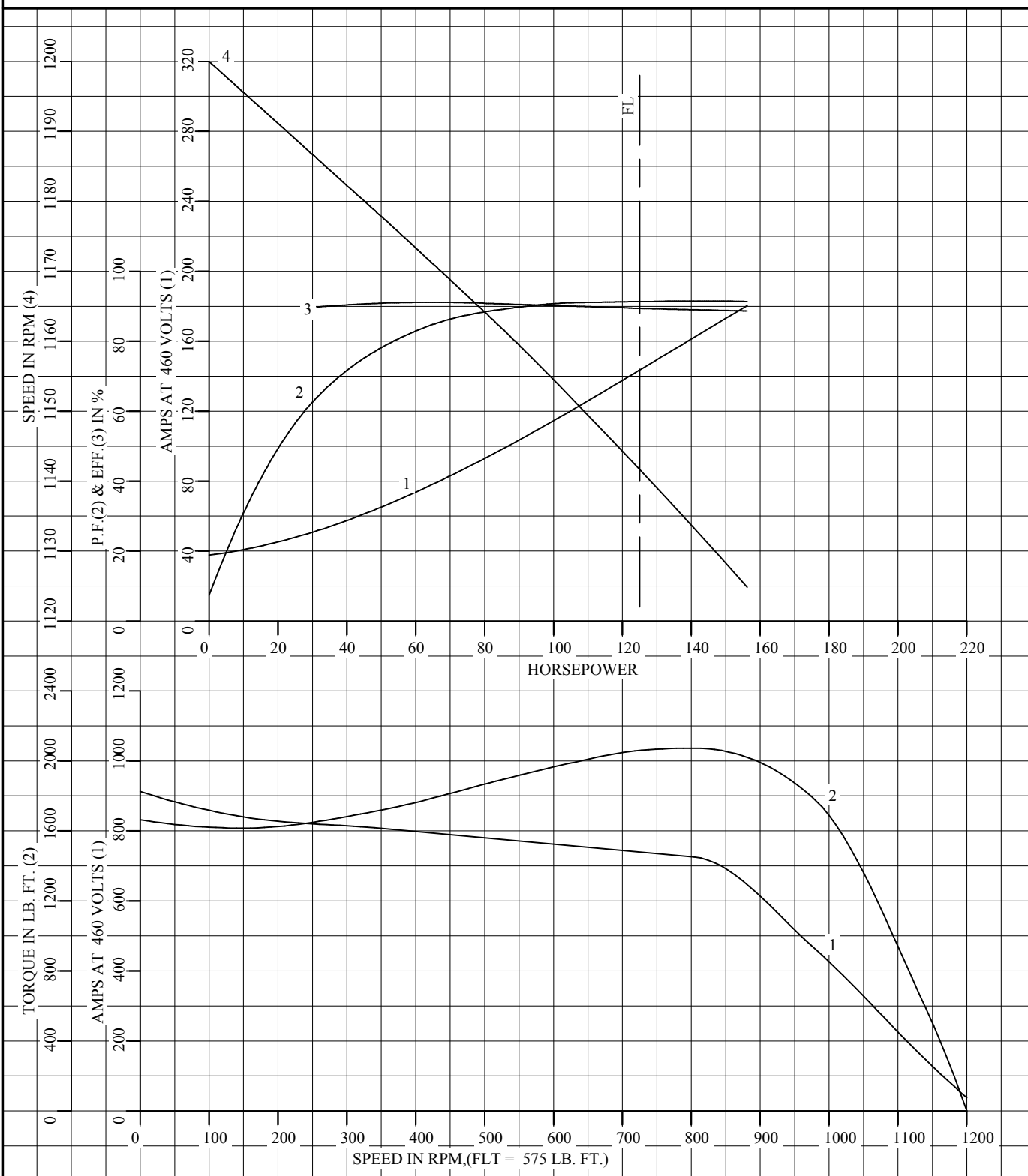
ROTOR 418143069BA

TEST S.O. CALCULATED DATA

TEST DATE ---

STATOR RES. @ 25 °C .0340

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**  
A MEMBER OF THE ABB GROUP

DR. BY W. L. SMITH  
CK. BY C. E. JAMISON  
APP. BY W. L. SMITH  
DATE 01/20/14

**A-C MOTOR  
PERFORMANCE  
CURVES**

A44WG1541-R001  
ISSUE DATE 01/20/14