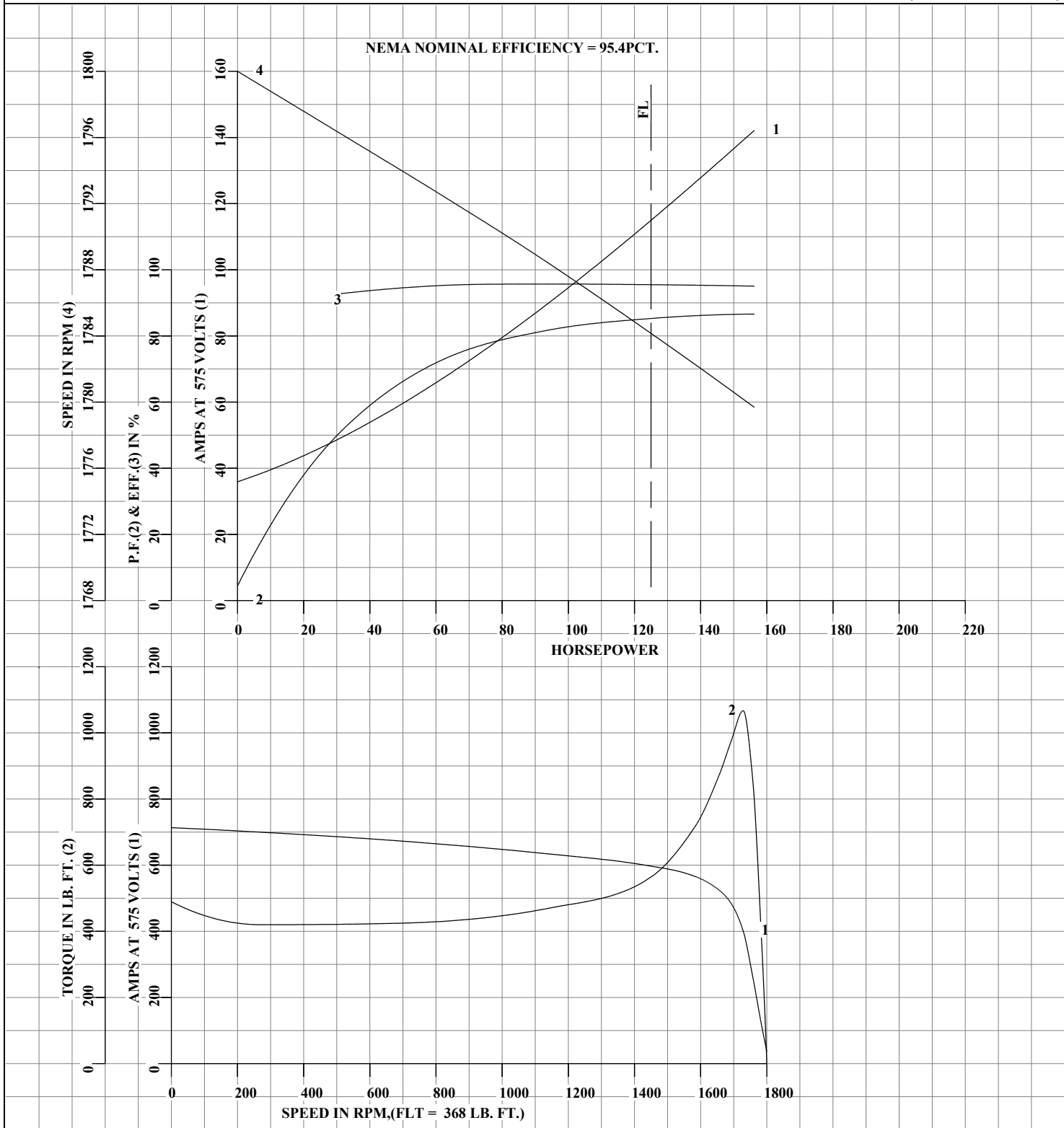


| S/O                                                                                                                                | FRAME       | HP                                                                                                                  | TYPE                  | PHASE/<br>HERTZ                            | RPM            | VOLTS                                      |
|------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------|----------------|--------------------------------------------|
|                                                                                                                                    | 445         | 125                                                                                                                 | P                     | 3/60                                       | 1785           | 575                                        |
| AMPS                                                                                                                               | DUTY        | AMB °C/<br>INSUL                                                                                                    | S.F.                  | NEMA<br>DESIGN                             | CODE<br>LETTER | ENCLOSURE                                  |
| 115                                                                                                                                | 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) |                |                                            |
| 498874                                                                                                                             | 418143052KE | ---                                                                                                                 | ---                   | .0599                                      |                |                                            |
| PERFORMANCE                                                                                                                        |             |                                                                                                                     |                       |                                            |                |                                            |
| LOAD                                                                                                                               | HP          | AMPERES                                                                                                             | RPM                   | % POWER FACTOR                             | % EFFICIENCY   |                                            |
| NO LOAD                                                                                                                            | 0           | 35.8                                                                                                                | 1800                  | 4.44                                       | 0              |                                            |
| 1/4                                                                                                                                | 31.3        | 49.4                                                                                                                | 1796                  | 51.1                                       | 92.8           |                                            |
| 2/4                                                                                                                                | 62.5        | 67.3                                                                                                                | 1792                  | 73.0                                       | 95.3           |                                            |
| 3/4                                                                                                                                | 93.7        | 89.8                                                                                                                | 1788                  | 81.7                                       | 95.7           |                                            |
| 4/4                                                                                                                                | 125         | 115                                                                                                                 | 1784                  | 85.3                                       | 95.5           |                                            |
| 5/4                                                                                                                                | 156         | 142                                                                                                                 | 1780                  | 86.6                                       | 95.1           |                                            |
|                                                                                                                                    |             |                                                                                                                     |                       |                                            |                |                                            |
| SPEED TORQUE                                                                                                                       |             |                                                                                                                     |                       |                                            |                |                                            |
|                                                                                                                                    |             | RPM                                                                                                                 | TORQUE<br>% FULL LOAD | TORQUE LB.-FT.                             | AMPERES        |                                            |
| LOCKED ROTOR                                                                                                                       |             | 0                                                                                                                   | 133                   | 489                                        | 713            |                                            |
| PULL UP                                                                                                                            |             | 270                                                                                                                 | 114                   | 420                                        | 700            |                                            |
| BREAKDOWN                                                                                                                          |             | 1729                                                                                                                | 290                   | 1067                                       | 400            |                                            |
| FULL LOAD                                                                                                                          |             | 1784                                                                                                                | 100                   | 368                                        | 115            |                                            |
| AMPERES SHOWN FOR 575 VOLT CONNECTION. IF OTHER CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE. |             |                                                                                                                     |                       |                                            |                |                                            |
| CALCULATED DATA<br>NEMA NOMINAL EFFICIENCY = 95.4PCT.                                                                              |             |                                                                                                                     |                       |                                            |                |                                            |
|                                                 |             | DRAWN BY: <u>C. JAMISON</u><br>CHECKED BY: <u>W. SMITH</u><br>APPROVED BY: <u>W. SMITH</u><br>DATE: <u>04/09/12</u> |                       | AC MOTOR<br>PERFORMANCE<br>DATA            |                | A44WG3904-R001<br><br>DATE ISSUED 04/09/12 |

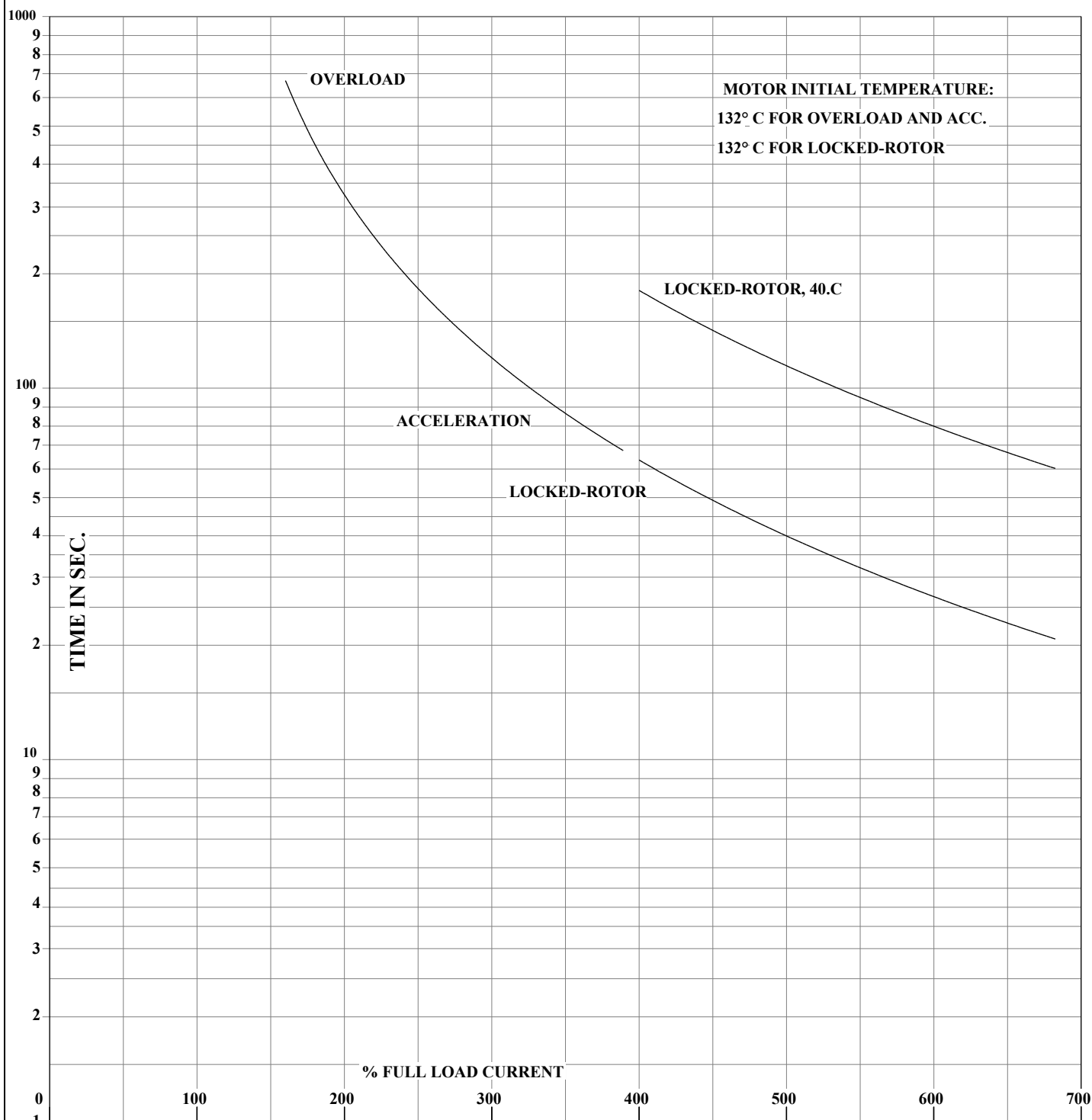
|                    |                     |                |                           |
|--------------------|---------------------|----------------|---------------------------|
| REL S.O.           | RPM 1785            | S.F. 1.15      | ROTOR 418143052KE         |
| FRAME 445          | VOLTS 575           | NEMA DESIGN B  | TEST S.O. CALCULATED DATA |
| HP 125             | AMPS 115            | CODE LETTER G  | TEST DATE ---             |
| TYPE P             | DUTY CONT           | ENCLOSURE TEFC | STATOR RES. @ 25°C .0599  |
| PHASE / HERTZ 3/60 | AMB °C / INSUL 40/F | E/S 498874     | OHMS (BETWEEN LINES)      |



AMPERES SHOWN FOR 575 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

|                                                                                     |                              |                                 |                       |
|-------------------------------------------------------------------------------------|------------------------------|---------------------------------|-----------------------|
|  | DRAWN BY: <u>C. JAMISON</u>  | AC MOTOR<br>PERFORMANCE<br>DATA | <b>A44WG3904-R001</b> |
|                                                                                     | CHECKED BY: <u>W. SMITH</u>  |                                 |                       |
|                                                                                     | APPROVED BY: <u>W. SMITH</u> |                                 |                       |
|                                                                                     | DATE: <u>04/09/12</u>        |                                 |                       |

|                    |                     |                |                           |
|--------------------|---------------------|----------------|---------------------------|
| REL S.O.           | RPM 1785            | S.F. 1.15      | ROTOR 418143052KE         |
| FRAME 445          | VOLTS 575           | NEMA DESIGN B  | TEST S.O. CALCULATED DATA |
| HP 125             | AMPS 115            | CODE LETTER G  | TEST DATE ---             |
| TYPE P             | DUTY CONT           | ENCLOSURE TEFC | STATOR RES. @ 25°C .0599  |
| PHASE / HERTZ 3/60 | AMB °C / INSUL 40/F | E/S 498874     | OHMS (BETWEEN LINES)      |



THERMAL LIMIT CURVE  
 NEMA NOMINAL EFFICIENCY = 95.4PCT.

AMPERES SHOWN FOR 575 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DRAWN BY: C. JAMISON  
 CHECKED BY: W. SMITH  
 APPROVED BY: W. SMITH  
 DATE: 04/09/12

AC MOTOR  
 PERFORMANCE  
 DATA

**A44WG3904-R001**

ISSUE DATE 04/09/12