
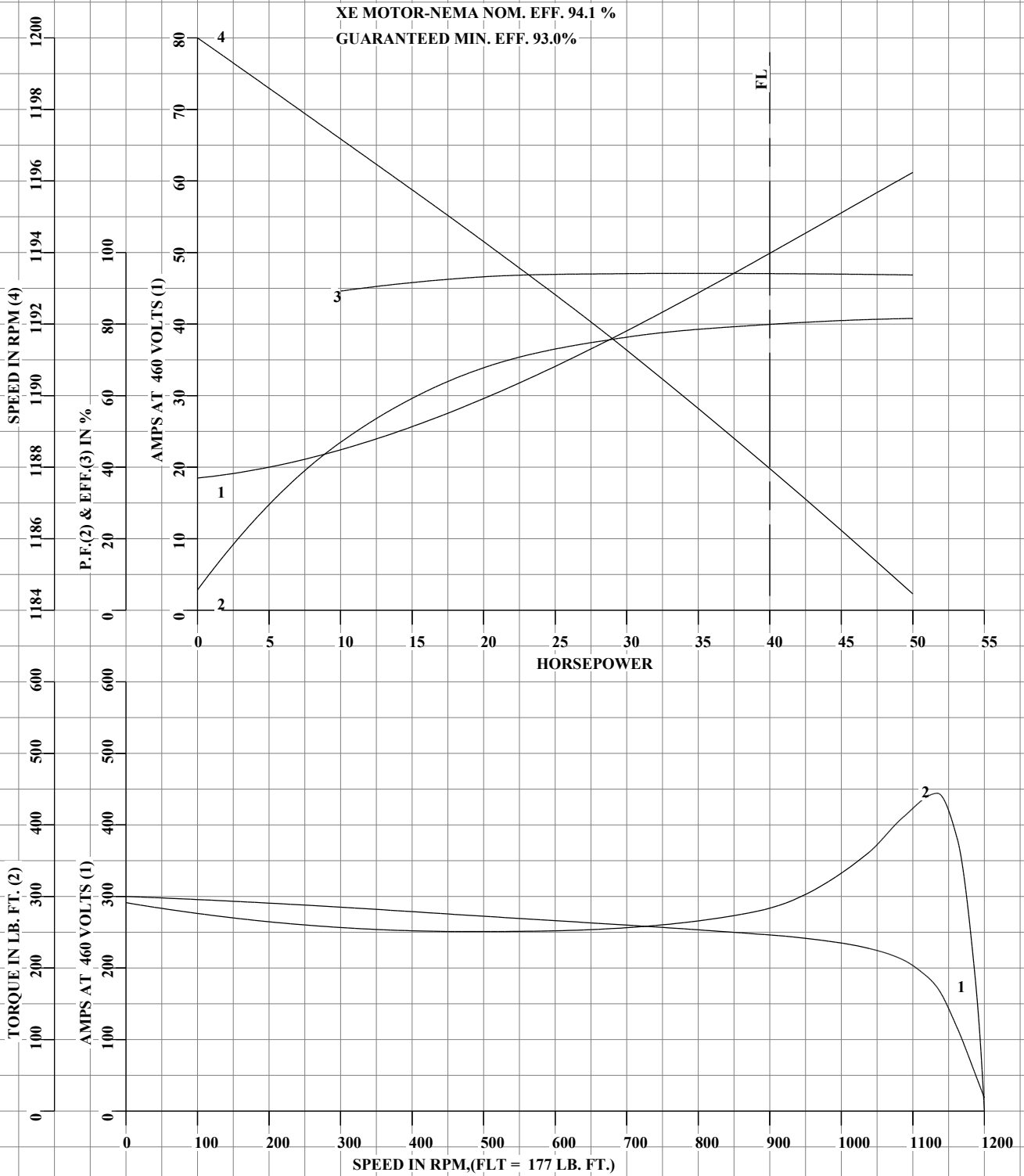


| S/O  | FRAME       | HP                                 | TYPE                  | PHASE/<br>HERTZ                            | RPM            | VOLTS                |
|--|-------------|------------------------------------|-----------------------|--|----------------|----------------------|
|  | 364T        | 40                                 | P                     | 3/60                                       | 1190           | 230/460              |
| AMPS   | DUTY        | AMB °C/<br>INSUL                   | S.F.                  | NEMA<br>DESIGN                             | CODE<br>LETTER | ENCLOSURE            |
| 99.6/49.8  | CONT        | 40/F                               | 1.00                  | B  | G              | TEFC                 |
| E/S  | ROTOR       | TEST<br>S.O.                       | TEST<br>DATE          | STATOR RES. @25 °C<br>OHMS (BETWEEN LINES) |                |                      |
| 491378   | 418141088JE | ---                                | ---                   | .0373/.149                                 |                |                      |
| PERFORMANCE  |             |                                    |                       |  |                |                      |
| LOAD   | HP          | AMPERES                            | RPM                   | % POWER FACTOR                             | % EFFICIENCY   |                      |
| NO LOAD  | 0           | 18.5                               | 1200                  | 5.70                                       | 0              |                      |
| 1/4  | 10.0        | 22.4                               | 1197                  | 47.0                                       | 89.2           |                      |
| 2/4  | 20.0        | 29.6                               | 1194                  | 67.8                                       | 93.2           |                      |
| 3/4  | 30.0        | 39.1                               | 1191                  | 76.3                                       | 94.1           |                      |
| 4/4  | 40.0        | 49.8                               | 1188                  | 79.9                                       | 94.1           |                      |
| 5/4  | 50.0        | 61.2                               | 1184                  | 81.6                                       | 93.7           |                      |
|  |             |                                    |                       |  |                |                      |
| SPEED TORQUE   |             |                                    |                       |  |                |                      |
|  |             | RPM                                | TORQUE<br>% FULL LOAD | TORQUE LB.-FT.                             | AMPERES        |                      |
| LOCKED ROTOR   |             | 0                                  | 165                   | 291  | 300            |                      |
| PULL UP  |             | 480                                | 142                   | 251  | 274            |                      |
| BREAKDOWN  |             | 1134                               | 251                   | 444  | 172            |                      |
| FULL LOAD  |             | 1188                               | 100                   | 177  | 49.8           |                      |
| AMPERES SHOWN FOR 460 VOLT CONNECTION. IF OTHER CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE. |             |                                    |                       |  |                |                      |
| TYPICAL DATA<br>XE MOTOR-NEMA NOM. EFF. 94.1 %<br>GUARANTEED MIN. EFF. 93.0%   |             |                                    |                       |  |                |                      |
|   |             | DRAWN BY: <u>T.G. KELATI</u>       |                       | AC MOTOR<br>PERFORMANCE<br>DATA            |                | A36WG1194-R015       |
|  |             | CHECKED BY: <u>D. H. MAY</u>       |                       |  |                |                      |
|  |             | APPROVED BY: <u>E.J. CHRISTIAN</u> |                       |  |                | DATE ISSUED 01/24/25 |
|  |             | DATE: <u>10/12/06</u>              |                       |  |                |                      |

|                    |                     |                |                               |
|--------------------|---------------------|----------------|-------------------------------|
| REL S.O.           | RPM 1190            | S.F. 1.00      | ROTOR 418141088JE             |
| FRAME 364T         | VOLTS 230/460       | NEMA DESIGN B  | TEST S.O. TYPICAL DATA        |
| HP 40              | AMPS 99.6/49.8      | CODE LETTER G  | TEST DATE ---                 |
| TYPE P             | DUTY CONT           | ENCLOSURE TEFC | STATOR RES. @ 25°C .0373/.149 |
| PHASE / HERTZ 3/60 | AMB °C / INSUL 40/F | E/S 491378     | OHMS (BETWEEN LINES)          |



AMPERES SHOWN FOR 230/460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



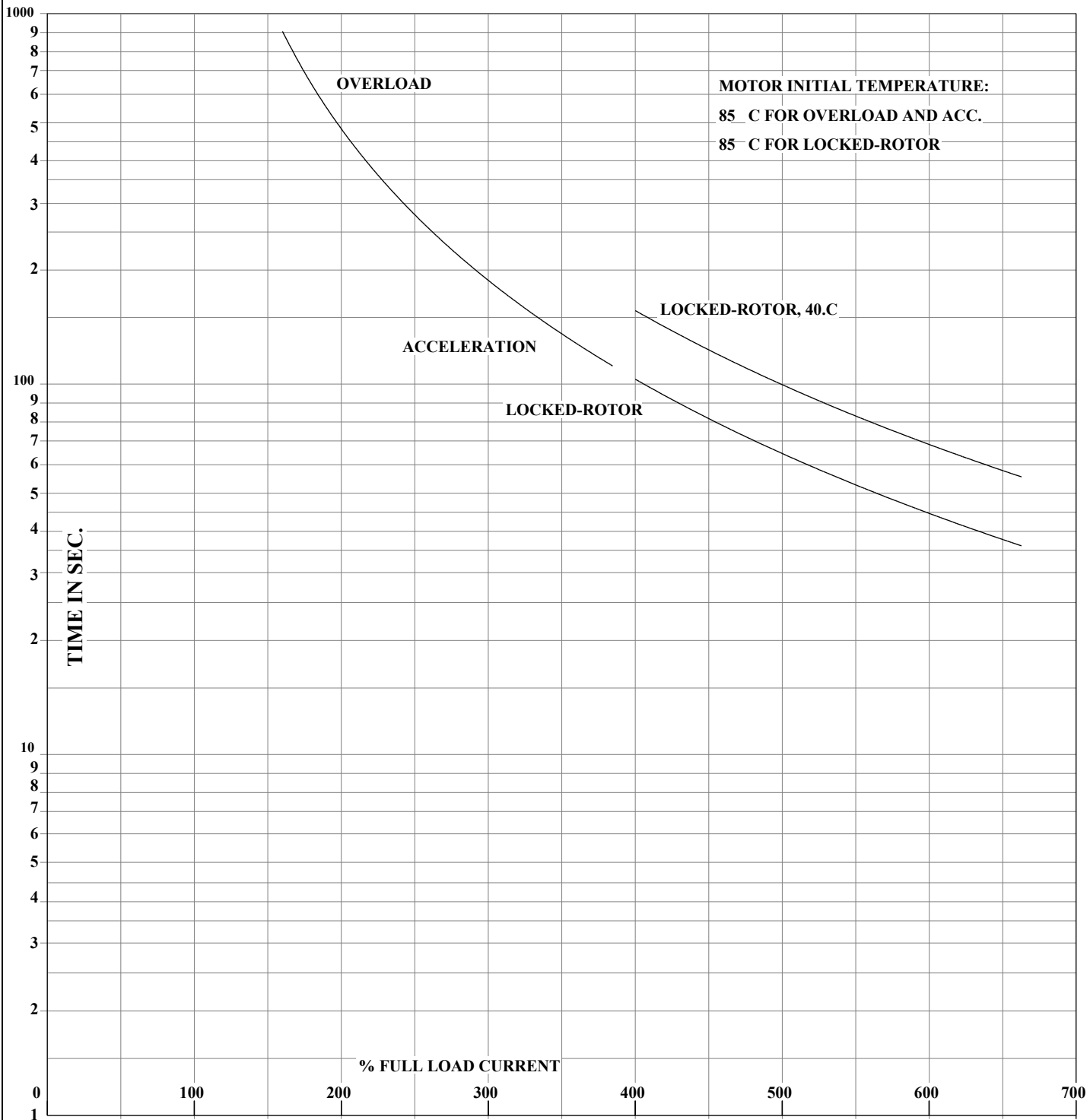
DRAWN BY: T.G. KELATI  
 CHECKED BY: D. H. MAY  
 APPROVED BY: E.J. CHRISTIAN  
 DATE: 10/12/06

AC MOTOR  
 PERFORMANCE  
 DATA

**A36WG1194-R015**


ISSUE DATE 01/24/25

|                    |                     |                |                               |
|--------------------|---------------------|----------------|-------------------------------|
| REL S.O.           | RPM 1190            | S.F. 1.00      | ROTOR 418141088JE             |
| FRAME 364T         | VOLTS 230/460       | NEMA DESIGN B  | TEST S.O. TYPICAL DATA        |
| HP 40              | AMPS 99.6/49.8      | CODE LETTER G  | TEST DATE ---                 |
| TYPE P             | DUTY CONT           | ENCLOSURE TEFC | STATOR RES. @ 25°C .0373/.149 |
| PHASE / HERTZ 3/60 | AMB °C / INSUL 40/F | E/S 491378     | OHMS (BETWEEN LINES)          |



THERMAL LIMIT CURVE  
XE MOTOR-NEMA NOM. EFF. 94.1 %

AMPERES SHOWN FOR 230/460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

|   |   |                                 |  |
|---|---|---------------------------------|--|
|  | DRAWN BY: <u>T.G. KELATI</u><br>CHECKED BY: <u>D. H. MAY</u><br>APPROVED BY: <u>E.J. CHRISTIAN</u><br>DATE: <u>10/12/06</u> | AC MOTOR<br>PERFORMANCE<br>DATA | <b>A36WG1194-R015</b><br>ISSUE DATE 01/24/25 |
|---|---|---------------------------------|--|