


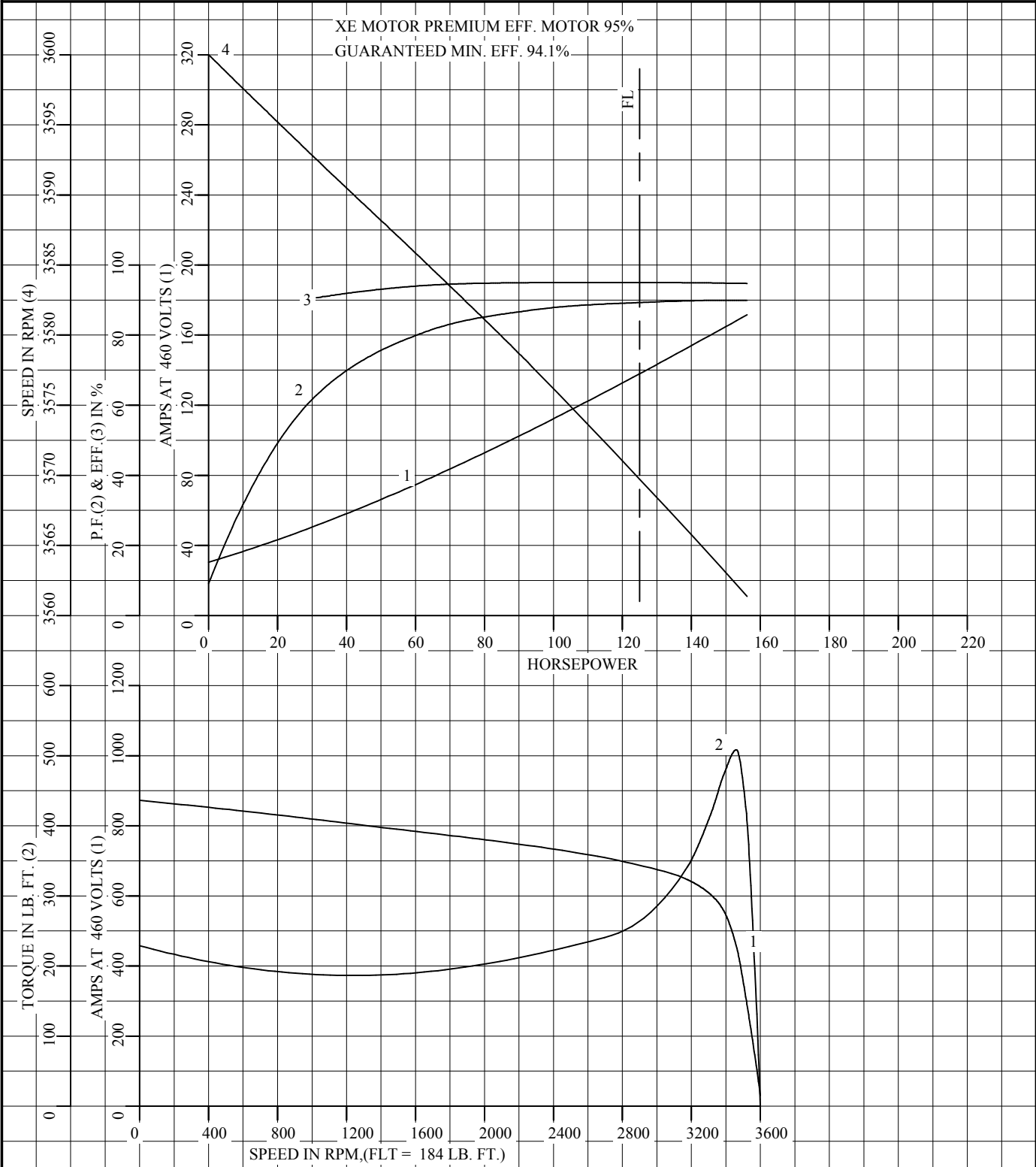
|   |             |                        |                       |  |                 |         |
|---|-------------|------------------------|-----------------------|--|-----------------|---------|
| REL.<br>S.O.  | FRAME       | HP                     | TYPE                  | PHASE/<br>HERTZ  | RPM             | VOLTS   |
|   | 444TS       | 125                    | P                     | 3/60   | 3570            | 230/460 |
| AMPS  | DUTY        | AMB °C/<br>INSUL.      | S.F.                  | NEMA<br>DESIGN   | CODE<br>LETTER  | ENCL.   |
| 276/138   | CONT        | 40/F                   | 1.15                  | B  | F               | TEFC    |
| E/S   | ROTOR       | TEST<br>S.O.           | TEST<br>DATE          | STATOR RES. @25 °C<br>OHMS (BETWEEN LINES)                 |                 |         |
| ---   | 418143-8-RE | ---                    | ---                   | .00858/.0343   |                 |         |
| <b>PERFORMANCE</b>  |             |                        |                       |  |                 |         |
| LOAD  | HP          | AMPERES                | RPM                   | %<br>POWER FACTOR  | %<br>EFFICIENCY |         |
| NO LOAD   | 0           | 30.4                   | 3600                  | 9.10   | 0               |         |
| 1/4   | 31.3        | 51.4                   | 3593                  | 62.9   | 90.7            |         |
| 2/4   | 62.5        | 77.0                   | 3585                  | 80.8   | 94.2            |         |
| 3/4   | 93.8        | 106                    | 3578                  | 87.1   | 95.0            |         |
| 4/4   | 125         | 138                    | 3570                  | 89.3   | 95.0            |         |
| 5/4   | 156         | 172                    | 3561                  | 89.9   | 94.7            |         |
| <b>SPEED TORQUE</b>   |             |                        |                       |  |                 |         |
|   |             | RPM                    | TORQUE<br>% FULL LOAD | TORQUE<br>LB.-FT.  | AMPERES         |         |
| LOCKED ROTOR  |             | 0                      | 125                   | 229  | 873             |         |
| PULL UP   |             | 1250                   | 101                   | 186  | 804             |         |
| BREAKDOWN   |             | 3461                   | 277                   | 509  | 456             |         |
| FULL LOAD   |             | 3570                   | 100                   | 184  | 138             |         |
| <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<br/> XE MOTOR PREMIUM EFF. MOTOR 95%<br/> GUARANTEED MIN. EFF. 94.1%</p> |             |                        |                       |  |                 |         |
|    |             | DR. BY C.E. JAMISON    |                       | <b>A-C MOTOR<br/> PERFORMANCE A44WG3722-R003<br/> DATA</b> |                 |         |
|   |             | CK. BY J.P. TSAO       |                       |  |                 |         |
|   |             | APP. BY E.J. CHRISTIAN |                       |  |                 |         |
|   |             | DATE 08/10/11          |                       |  |                 |         |

REL S.O.  
 FRAME 444TS  
 HP 125  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 3570  
 VOLTS 230/460  
 AMPS 276/138  
 DUTY CONT  
 AMB °C/INSUL 40/F

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

ROTOR 418143-8-RE  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .00858/.0343  
 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 C.E. JAMISON  
 CK. BY J.P. TSAO  
 APP. BY E.J. CHRISTIAN  
 DATE 08/10/11

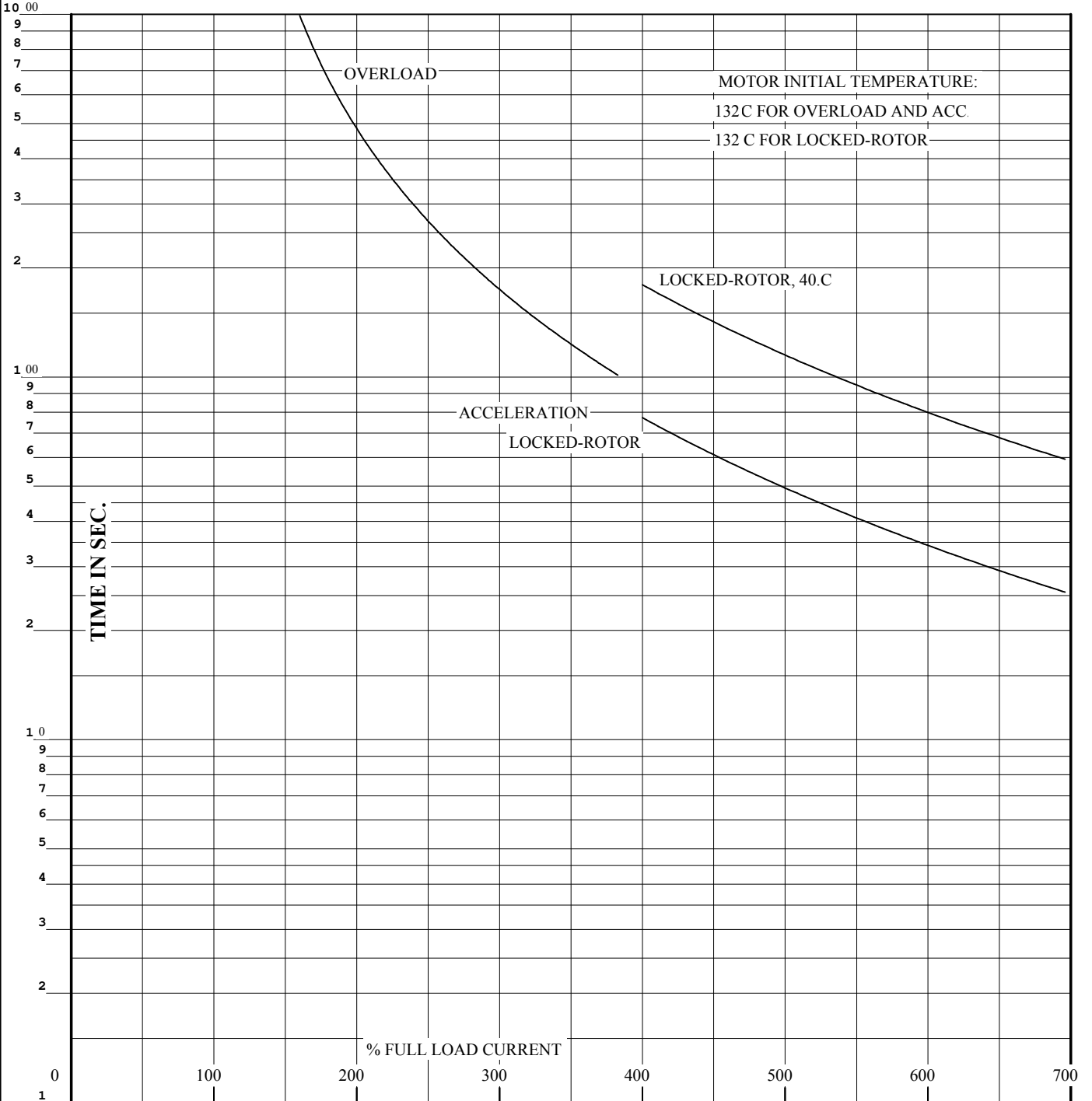
**A-C MOTOR PERFORMANCE CURVES**  
 A44WG3722-R003  
 ISSUE DATE 12/15/20

REL. S.O.  
 FRAME 444TS  
 HP 125  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 3570  
 VOLTS 230/460  
 AMPS 276/138  
 DUTY CONT  
 AMB °C/INSUL 40/F

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ROTOR 418143-8-RE  
 TEST S.O. TYPICAL DATA  
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 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: XE MOTOR PREMIUM EFF. MOTOR 95%  
 GUARANTEED MIN. EFF. 94.1%

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



DR. BY C.E. JAMISON  
 CK. BY J.P. TSAO  
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**A-C MOTOR PERFORMANCE CURVES**  
 A44WG3722-R003  
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