


| | | | | | | |
|---|-------|------------------------|-----------------------|--|-----------------|-------|
| REL. S.O. | FRAME | HP | TYPE | PHASE/ HERTZ | RPM | VOLTS |
| | 444TS | 125 | P | 3/60 | 1785 | 460 |
| AMPS | DUTY | AMB °C/ INSUL. | S.F. | NEMA DESIGN | CODE LETTER | ENCL. |
| 144 | CONT | 40/F | 1.15 | B | G | TEFC |
| E/S | ROTOR | TEST S.O. | TEST DATE | STATOR RES. @25 °C OHMS (BETWEEN LINES) | | |
| 0 | 0 | --- | --- | .0383 | | |
| PERFORMANCE | | | | | | |
| LOAD | HP | AMPERES | RPM | % POWER FACTOR | % EFFICIENCY | |
| NO LOAD | 0 | 44.8 | 1800 | 4.44 | 0 | |
| 1/4 | 31.3 | 61.7 | 1796 | 51.1 | 92.8 | |
| 2/4 | 62.5 | 84.1 | 1792 | 73.0 | 95.3 | |
| 3/4 | 93.7 | 112 | 1788 | 81.7 | 95.7 | |
| 4/4 | 125 | 144 | 1784 | 85.3 | 95.5 | |
| 5/4 | 156 | 178 | 1780 | 86.6 | 95.1 | |
| SPEED TORQUE | | | | | | |
| | | RPM | TORQUE % FULL LOAD | TORQUE LB.-FT. | AMPERES | |
| LOCKED ROTOR | | 0 | 133 | 489 | 892 | |
| PULL UP | | 270 | 114 | 420 | 875 | |
| BREAKDOWN | | 1729 | 290 | 1067 | 500 | |
| FULL LOAD | | 1784 | 100 | 368 | 144 | |
| <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 NEMA NOMINAL EFFICIENCY = 95.4PCT.</p> | | | | | | |
|  | | DR. BY E. J. CHRISTIAN | | A-C MOTOR PERFORMANCE A44WG5275-R001 DATA | | |
| | | CK. BY T. G. KELATI | | | | |
| | | APP. BY T. G. KELATI | | | | |
| | | DATE 10/01/15 | | | | |

REL S.O.

FRAME 444TS

HP 125

TYPE P

PHASE/HERTZ 3/60

RPM 1785

VOLTS 460

AMPS 144

DUTY CONT

AMB °C/INSUL 40/F

S.F. 1.15

NEMA DESIGN B

CODE LETTER G

ENCLOSURE TEFC

E/S 0

ROTOR 0

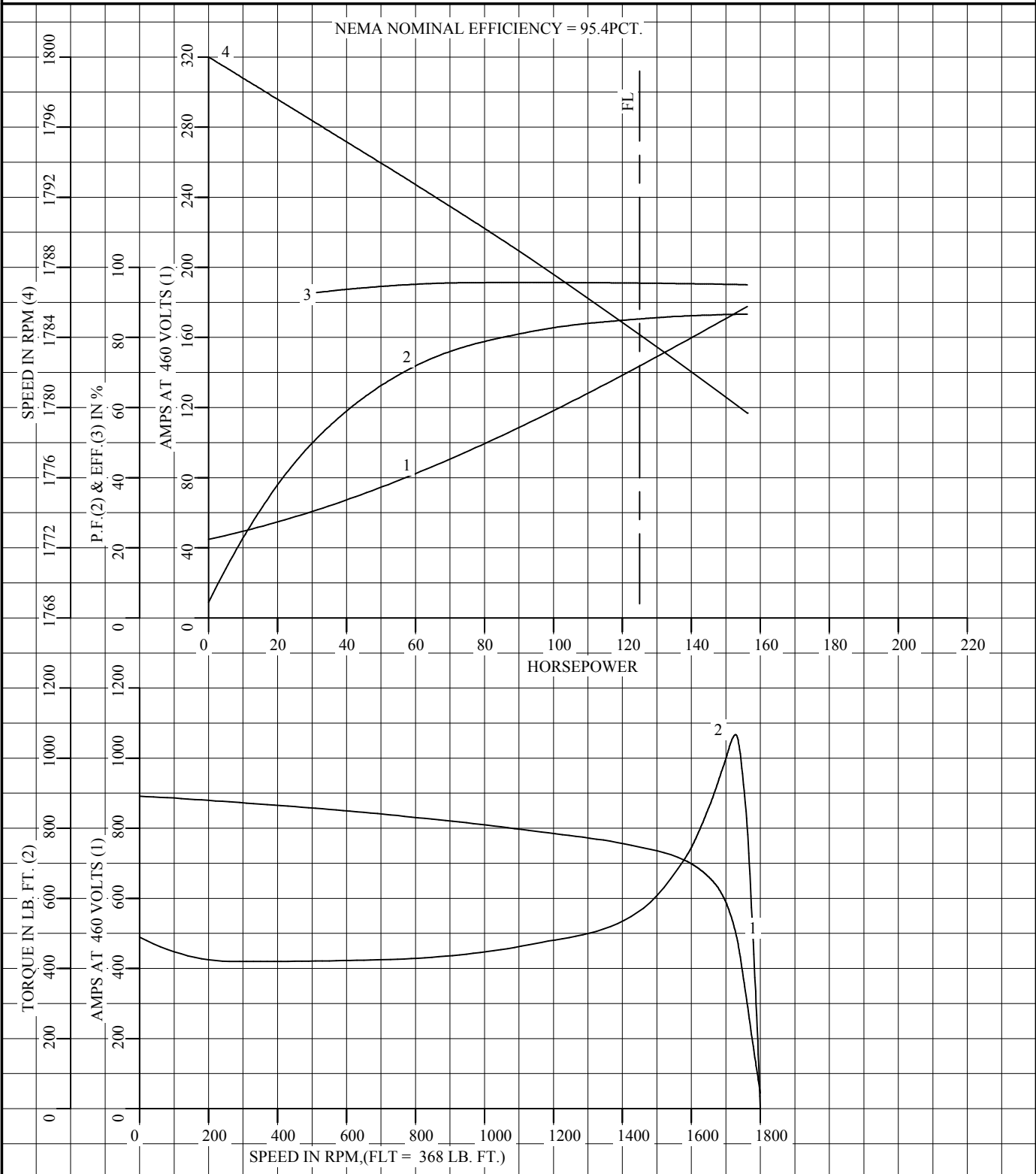
TEST S.O. TYPICAL DATA

TEST DATE ---

STATOR RES. @ 25 °C .0383

OHMS (BETWEEN LINES)

NEMA NOMINAL EFFICIENCY = 95.4PCT.



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



DR. BY E.J. CHRISTIAN
 CK. BY T.G. KELATI
 APP. BY T.G. KELATI
 DATE 10/01/15

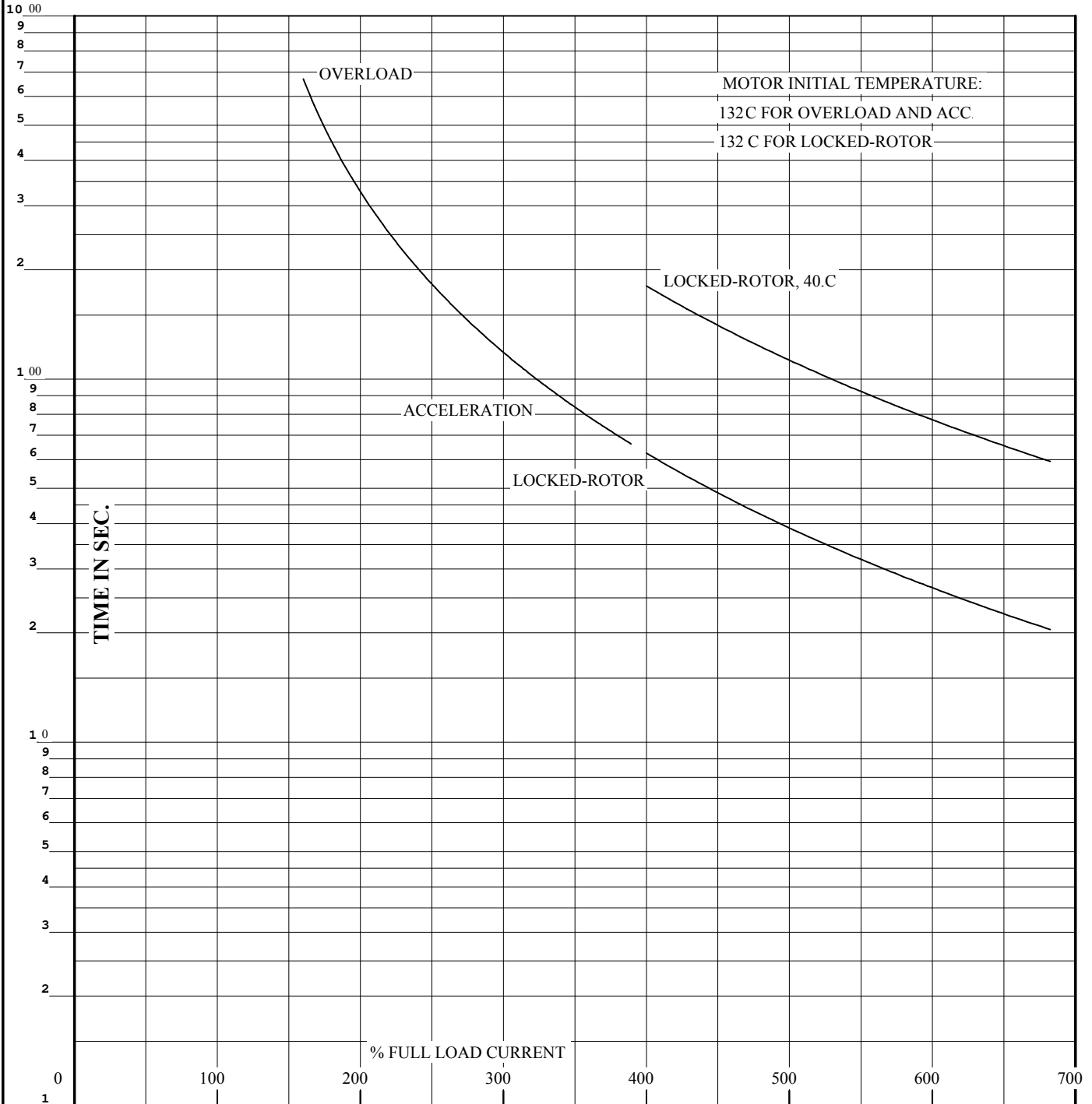
A-C MOTOR PERFORMANCE CURVES
 A44WG5275-R001
 ISSUE DATE 11/04/19

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

RPM 1785
 VOLTS 460
 AMPS 144
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER G
 ENCLOSURE TEFC
 E/S 0

ROTOR 0
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C. 0383
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE

REMARKS: NEMA NOMINAL EFFICIENCY = 95.4PCT.

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



DR. BY E.JCHRISTIAN
 CK. BY T.G.KELATI
 APP. BY T.G.KELATI
 DATE 10/01/15

A-C MOTOR PERFORMANCE CURVES
A44WG5275-R001
 ISSUE DATE 11/04/19