


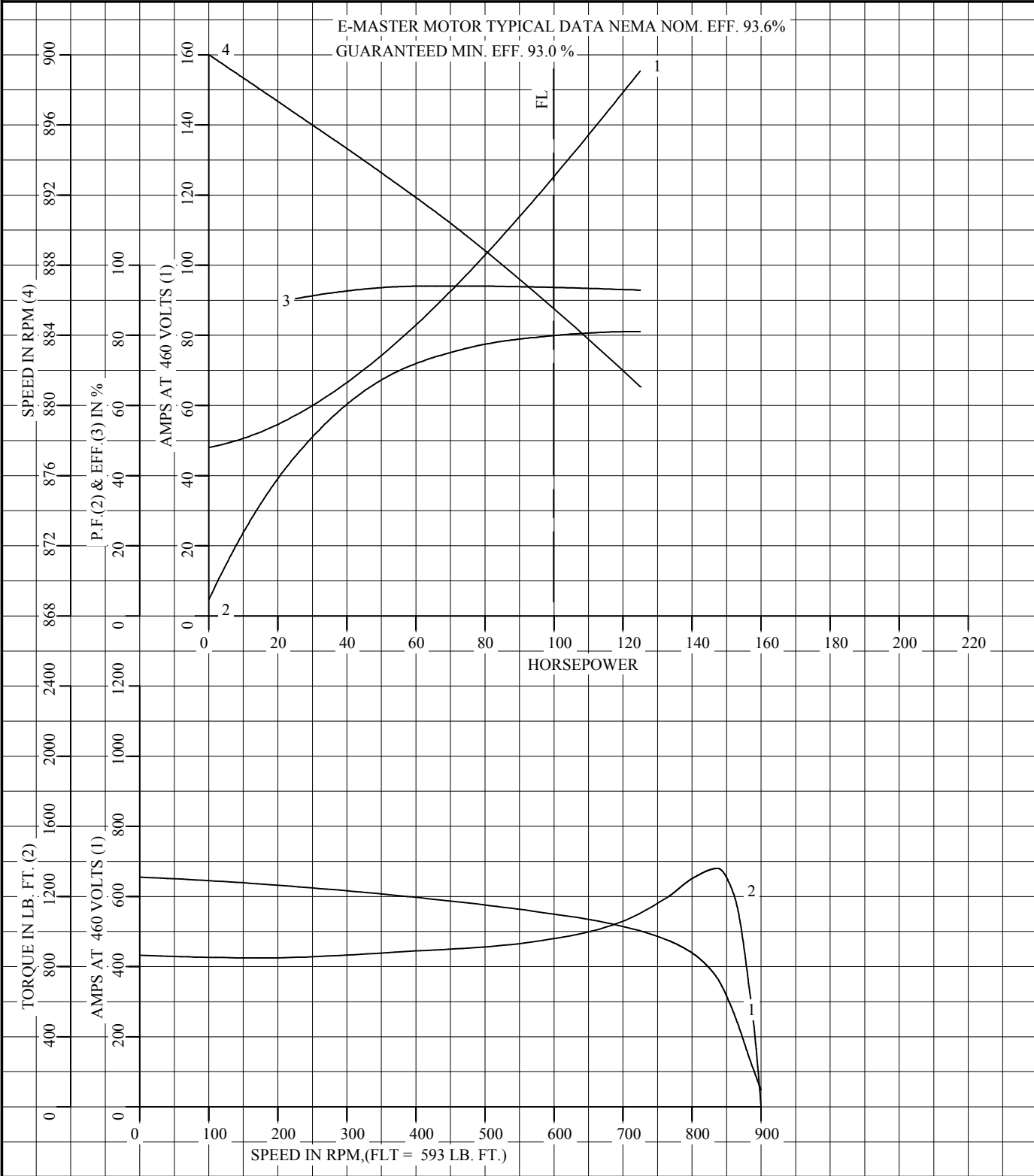
| | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|-----------------------|------------------------------------------------------------------------------------------|-----------------|-------|
| REL. S.O. | FRAME | HP | TYPE | PHASE/ HERTZ | RPM | VOLTS |
| | 445T | 100 | P | 3/60 | 885 | 460 |
| AMPS | DUTY | AMB °C/ INSUL. | S.F. | NEMA DESIGN | CODE LETTER | ENCL. |
| 125 | CONT | 40/F | 1.15 | B | F | FCEM |
| E/S | ROTOR | TEST S.O. | TEST DATE | STATOR RES. @25 °C OHMS (BETWEEN LINES) | | |
| 599821 | 418143083GE | --- | --- | .0625 | | |
| PERFORMANCE | | | | | | |
| LOAD | HP | AMPERES | RPM | % POWER FACTOR | % EFFICIENCY | |
| NO LOAD | 0 | 48.1 | 900 | 4.66 | 0 | |
| 1/4 | 25.1 | 57.0 | 897 | 45.5 | 90.4 | |
| 2/4 | 50.0 | 74.4 | 893 | 67.3 | 93.6 | |
| 3/4 | 75.0 | 97.8 | 890 | 76.4 | 94.0 | |
| 4/4 | 99.9 | 125 | 886 | 79.9 | 93.7 | |
| 5/4 | 125 | 155 | 881 | 81.1 | 92.9 | |
| SPEED TORQUE | | | | | | |
| | | RPM | TORQUE % FULL LOAD | TORQUE LB.-FT. | AMPERES | |
| LOCKED ROTOR | | 0 | 146 | 865 | 655 | |
| PULL UP | | 180 | 143 | 850 | 635 | |
| BREAKDOWN | | 837 | 229 | 1360 | 365 | |
| FULL LOAD | | 886 | 100 | 593 | 125 | |
| <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: E-MASTER MOTOR TYPICAL DATA NEMA NOM. EFF. 93.6% GUARANTEED MIN. EFF. 93.0 %</p> | | | | | | |
|  | | DR. BY C.R. THOMPSON | | A-C MOTOR PERFORMANCE A44WG2153-R001 DATA ISSUE DATE 04/25/94 | | |
| | | CK. BY K.W. KANOUFF | | | | |
| | | APP. BY K.W. KANOUFF | | | | |
| | | DATE 04/25/94 | | | | |

REL S.O.
 FRAME 445T
 HP 100
 TYPE P
 PHASE/HERTZ 3/60

RPM 885
 VOLTS 460
 AMPS 125
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE FCEM
 E/S 599821

ROTOR 418143083GE
 TEST S.O. ---
 TEST DATE ---
 STATOR RES. @ 25 °C .0625
 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.R. THOMPSON
 CK. BY K.W. KANOUFF
 APP. BY K.W. KANOUFF
 DATE 04/25/94

A-C MOTOR
 PERFORMANCE A44WG2153-R001
 CURVES ISSUE DATE 04/25/94