
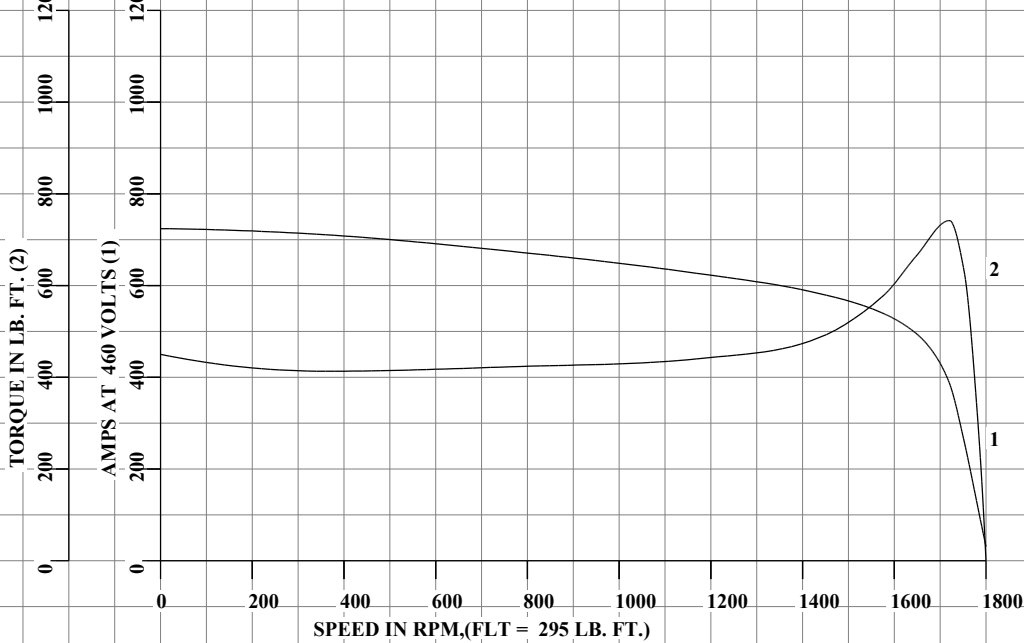
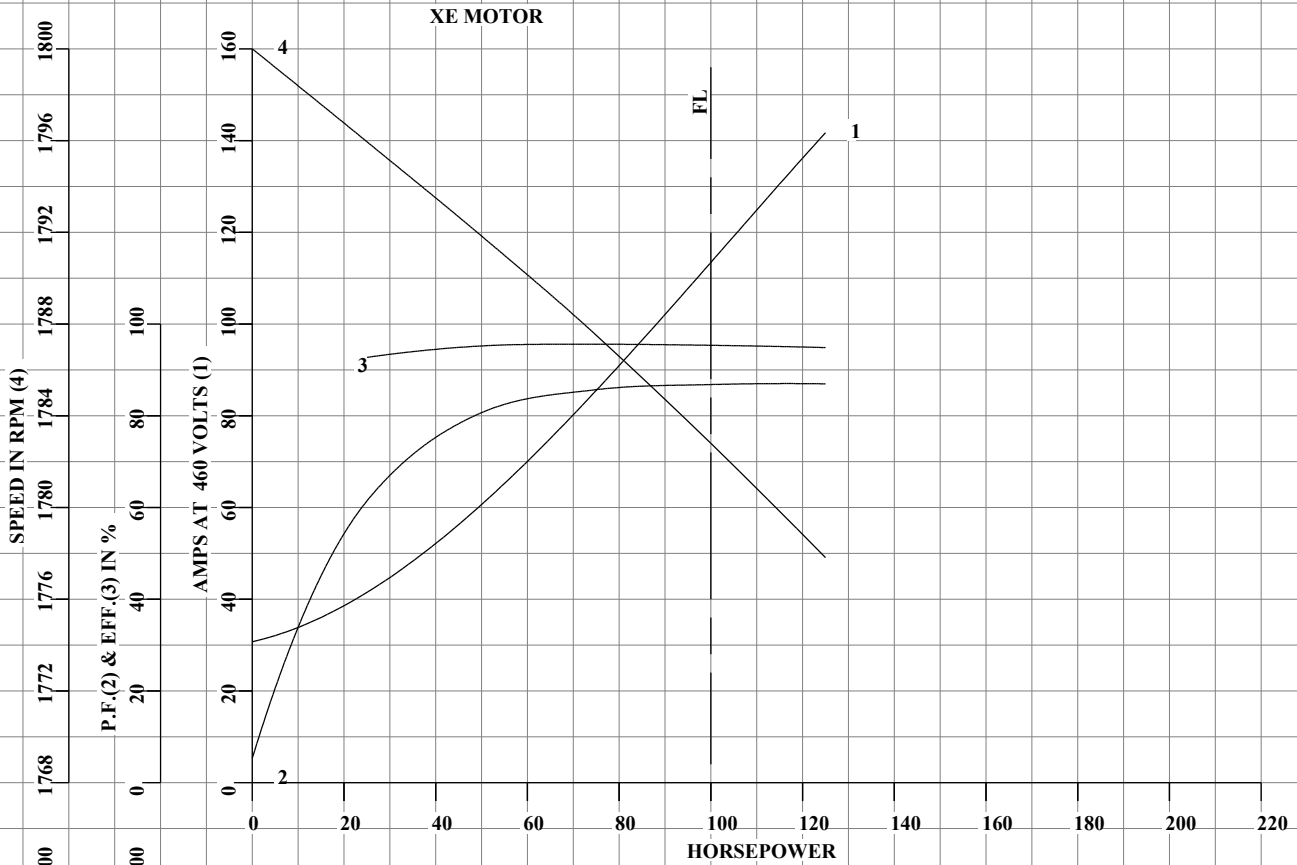


| S/O | FRAME | HP | TYPE | PHASE/ HERTZ | RPM | VOLTS |
|--|--------------|------------------------------------|-----------------------|--|----------------|----------------------|
| | 405T | 100 | P | 3/60 | 1785 | 230/460 |
| AMPS | DUTY | AMB °C/ INSUL | S.F. | NEMA DESIGN | CODE LETTER | ENCLOSURE |
| 226/113 | CONT | 40/H | 1.15 | B | G | TEFC |
| E/S | ROTOR | TEST S.O. | TEST DATE | STATOR RES. @25 °C OHMS (BETWEEN LINES) | | |
| - | 418142-34-VE | --- | --- | .0134/.0536 | | |
| PERFORMANCE | | | | | | |
| LOAD | HP | AMPERES | RPM | % POWER FACTOR | % EFFICIENCY | |
| NO LOAD | 0 | 30.9 | 1800 | 5.35 | 0 | |
| 1/4 | 25.0 | 41.1 | 1796 | 61.5 | 92.7 | |
| 2/4 | 50.0 | 60.9 | 1792 | 80.7 | 95.2 | |
| 3/4 | 75.0 | 85.7 | 1788 | 85.7 | 95.6 | |
| 4/4 | 100 | 113 | 1783 | 86.8 | 95.4 | |
| 5/4 | 125 | 142 | 1778 | 87.0 | 94.9 | |
| | | | | | | |
| SPEED TORQUE | | | | | | |
| | | RPM | TORQUE % FULL LOAD | TORQUE LB.-FT. | AMPERES | |
| LOCKED ROTOR | | 0 | 153 | 450 | 724 | |
| PULL UP | | 360 | 140 | 413 | 711 | |
| BREAKDOWN | | 1720 | 252 | 742 | 387 | |
| FULL LOAD | | 1783 | 100 | 295 | 113 | |
| AMPERES SHOWN FOR 460 VOLT CONNECTION. IF OTHER CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE. | | | | | | |
| TYPICAL DATA XE MOTOR | | | | | | |
|  | | DRAWN BY: <u>C.E. JAMISON</u> | | AC MOTOR PERFORMANCE DATA | | A40WG5518-R001 |
| | | CHECKED BY: <u>W.L. SMITH</u> | | | | |
| | | APPROVED BY: <u>E.J. CHRISTIAN</u> | | | | DATE ISSUED 08/26/19 |
| | | DATE: <u>08/26/19</u> | | | | |

| | | | |
|--------------------|---------------------|----------------|--------------------------------|
| REL S.O. | RPM 1785 | S.F. 1.15 | ROTOR 418142-34-VE |
| FRAME 405T | VOLTS 230/460 | NEMA DESIGN B | TEST S.O. TYPICAL DATA |
| HP 100 | AMPS 226/113 | CODE LETTER G | TEST DATE --- |
| TYPE P | DUTY CONT | ENCLOSURE TEFC | STATOR RES. @ 25°C .0134/.0536 |
| PHASE / HERTZ 3/60 | AMB °C / INSUL 40/H | E/S - | 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: C.E. JAMISON
 CHECKED BY: W.L. SMITH
 APPROVED BY: E.J. CHRISTIAN
 DATE: 08/26/19

AC MOTOR
 PERFORMANCE
 DATA

A40WG5518-R001

ISSUE DATE 08/26/19