

| | | | | | | | |
|------------|--------|----------------|------|---------------------------------------|-----------|--|-----------------|
| S/O | - | VOLTS | 460 | ENCLOSURE | DPFV | WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C) | |
| FRAME | RL4440 | AMPS | 1002 | MAX SAFE SPEED | 2700 | | |
| HP | 800 | DUTY | CONT | IM (AMPS) | 454 | R1 | .00210 X1 .0293 |
| BASE SPEED | 1750 | S.F. | 1.0 | P.F. @NL / FL | .021/.789 | R2 | .00148 X2 .0411 |
| PHASE/HZ | 3/88.2 | AMB.°C / INSUL | 40/H | WK ² (Lb-Ft ²) | 169 | | XM .583 |

RATED FULL LOAD DATA

| | RPM | HP | TORQUE LB-FT | FUND VOLTS | FREQ-HZ | AMPS |
|------------|------|-----|-----------------|---------------|---------|------|
| BASE SPEED | 1751 | 800 | 2400 | 460 | 88.2 | 1003 |
| MAX SPEED | 2625 | 801 | 1601 | 460 | 132.3 | 945 |
| MIN SPEED | 0 | 0 | 2400 | 6.14 | .6540 | 1003 |

LOAD PERFORMANCE AT BASE SPEED

| | RPM | HP | TORQUE LB-FT | FUND VOLTS | FREQ-HZ | AMPS |
|-----------|------|------|-----------------|---------------|---------|------|
| NO LOAD | 1764 | 0 | 0 | 460 | 88.2 | 445 |
| 1/4 | 1761 | 200 | 597 | 460 | 88.2 | 507 |
| 1/2 | 1758 | 401 | 1197 | 460 | 88.2 | 639 |
| 3/4 | 1754 | 601 | 1798 | 460 | 88.2 | 809 |
| FULL LOAD | 1751 | 800 | 2400 | 460 | 88.2 | 1003 |
| 0/L | 1734 | 1585 | 4800 | 460 | 88.2 | 1936 |

REMARKS:
TYPICAL DATA
CORRELATED DATA



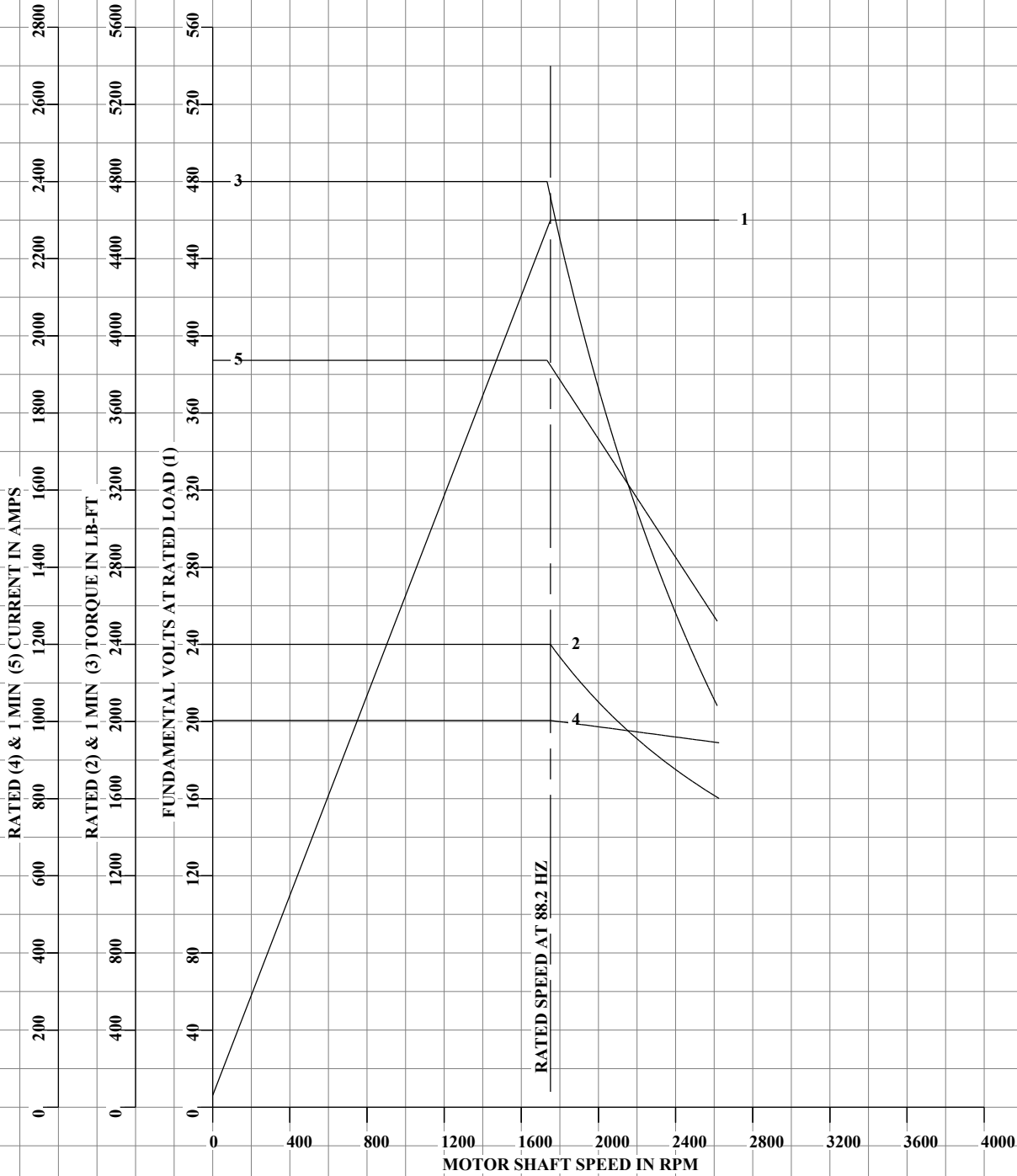
DRAWN BY: A. BROOKINS
CHECKED BY: R.GARCIA
APPROVED BY: J. MARTIN
DATE: 3-17-23

AC MOTOR
PERFORMANCE
DATA

L9464A
ISSUE DATE 3-17-23

| | | | | | | | | |
|------------|--------|----------------|------|---------------------------------------|-----------|--|--------|----------|
| S/O | - | VOLTS | 460 | ENCLOSURE | DPFV | WYE CONN EQ CKT OHMS PER PHASE (AT BASE RATING, 25°C) | | |
| FRAME | RL4440 | AMPS | 1002 | MAX SAFE SPEED | 2700 | | | |
| HP | 800 | DUTY | CONT | IM (AMPS) | 454 | R1 | .00210 | X1 .0293 |
| BASE SPEED | 1750 | S.F. | 1.0 | P.F. @NL / FL | .021/.789 | R2 | .00148 | X2 .0411 |
| PHASE/HZ | 3/88.2 | AMB.°C / INSUL | 40/H | WK ² (Lb-Ft ²) | 169 | | | XM .583 |

**CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES**



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



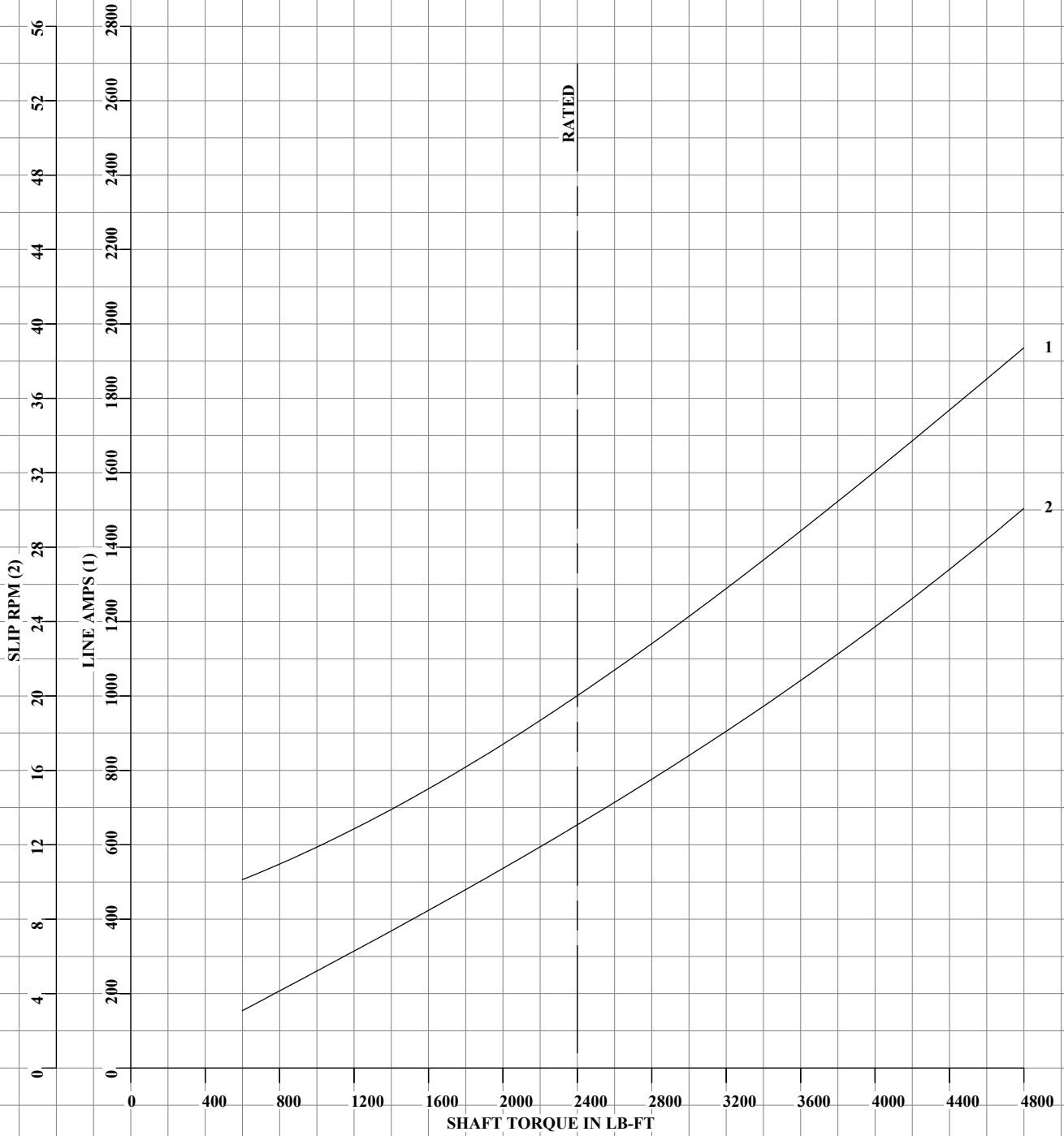
DRAWN BY: A. BROOKINS
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**AC MOTOR
PERFORMANCE
DATA**

L9464A
 ISSUE DATE: 3-17-23

| | | | | | | | | |
|------------|--------|----------------|------|---------------------------------------|-----------|--------------------------------|--------|----------|
| S/O | - | VOLTS | 460 | ENCLOSURE | DPFV | WYE CONN EQ CKT OHMS PER PHASE | | |
| FRAME | RL4440 | AMPS | 1002 | MAX SAFE SPEED | 2700 | (AT BASE RATING, 25°C) | | |
| HP | 800 | DUTY | CONT | IM (AMPS) | 454 | R1 | .00210 | X1 .0293 |
| BASE SPEED | 1750 | S.F. | 1.0 | P.F. @NL / FL | .021/.789 | R2 | .00148 | X2 .0411 |
| PHASE/HZ | 3/88.2 | AMB.°C / INSUL | 40/H | WK ² (Lb-Ft ²) | 169 | | | XM .583 |

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



TYPICAL DATA, DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



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 APPROVED BY: J. MARTIN
 DATE: 3-17-23

**AC MOTOR
PERFORMANCE
DATA**

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ISSUE DATE: 3-17-23