

| | | | | | | | | | |
|-------------|--------|--------------|------|---------------------------------------|-----------|--------------------------------|--------|----|-------|
| REL S.O. | - | VOLTS | 460 | ENCLOSURE | TEBC | WYE CONN EQ CKT OHMS PER PHASE | | | |
| FRAME | FL3614 | AMPS | 286 | MAX SAFE RPM | 3750 | (AT BASE RATING, 25 °C) | | | |
| HP | 250 | DUTY | CONT | IM (AMPS) | 101 | R1 | .00789 | X1 | .0686 |
| BASE SPEED | 1785 | S.F. | 1.0 | P.F. @NL/FL | .036/.869 | R2 | .00624 | X2 | .0955 |
| PHASE/HERTZ | 3/60 | AMB °C/INSUL | 40/H | WK ² (Lb-Ft ²) | 45 | | | XM | 2.53 |

RATED FULL LOAD DATA

| | RPM | HP | TORQUE LB-FT | FUND VOLTS | FREQ-HZ | AMPS |
|------------|------|-----|-----------------|---------------|---------|------|
| BASE SPEED | 1784 | 250 | 736 | 460 | 60 | 286 |
| MAX SPEED | 3564 | 250 | 369 | 460 | 120 | 279 |
| MIN SPEED | 0 | 0 | 736 | 6.63 | .546 | 286 |

LOAD PERFORMANCE AT BASE SPEED

| | RPM | HP | TORQUE LB-FT | FUND VOLTS | FREQ-HZ | AMPS |
|-----------|------|------|-----------------|---------------|---------|------|
| NO LOAD | 1800 | 0 | 0 | 460 | 60 | 101 |
| 1/4 | 1796 | 62.6 | 183 | 460 | 60 | 125 |
| 1/2 | 1792 | 125 | 367 | 460 | 60 | 169 |
| 3/4 | 1788 | 187 | 551 | 460 | 60 | 225 |
| FULL LOAD | 1784 | 250 | 736 | 460 | 60 | 286 |
| O/L | 1765 | 495 | 1472 | 460 | 60 | 554 |

REMARKS: TYPICAL DATA
CORRELATED DATA

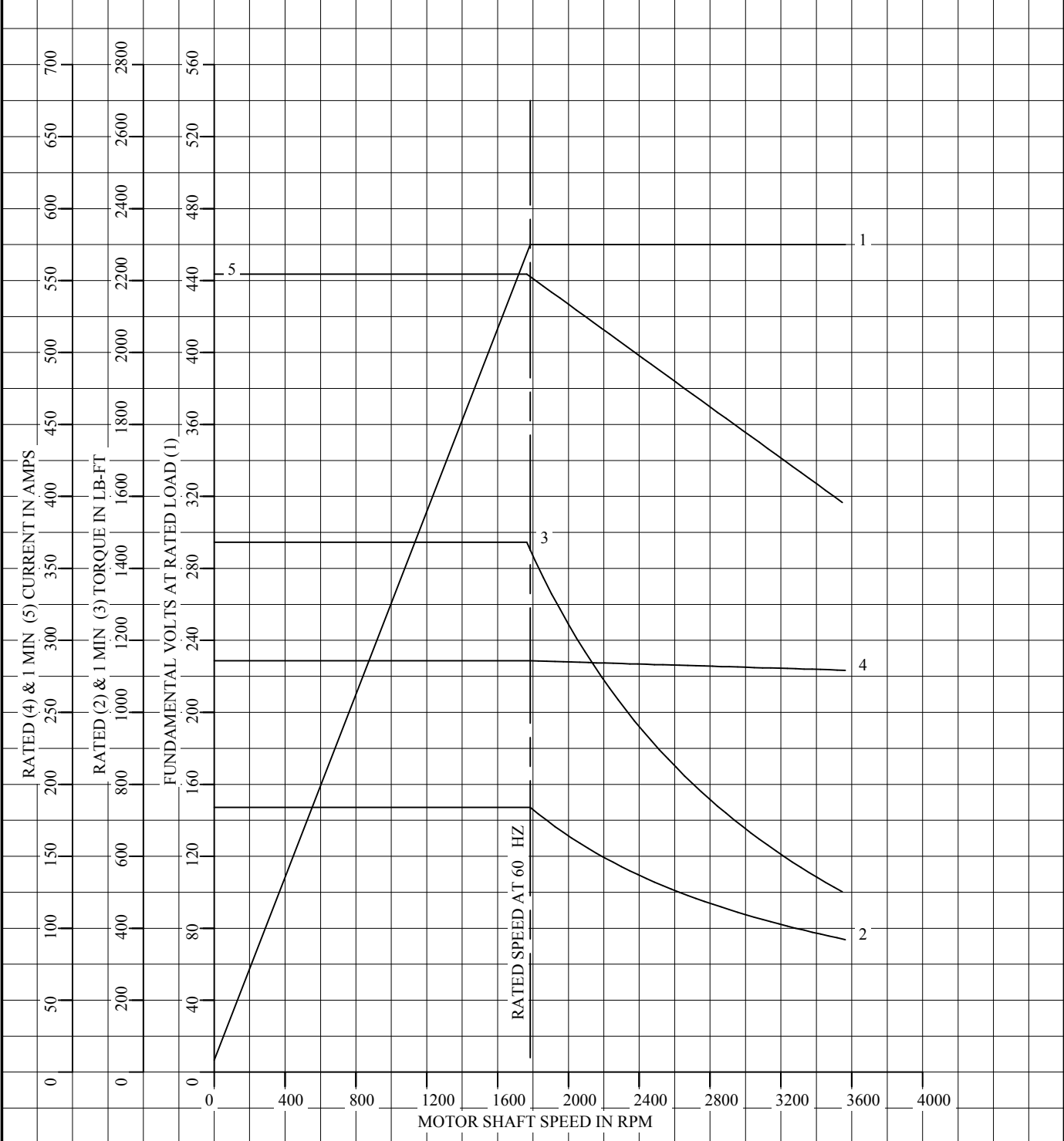


DR. BY B. GRANT
 CK. BY B. GRANT
 APP. BY J. MARTIN
 DATE 8-13-13

**A-C MOTOR
 PERFORMANCE DATA** L5924A
 ISSUE DATE 9-6-16

| | | | | | | | |
|-------------|--------|--------------|------|---------------------------------------|-----------|--------------------------------|-----------------|
| REL S.O. | - | VOLTS | 460 | ENCLOSURE | TEBC | WYE CONN EQ CKT OHMS PER PHASE | |
| FRAME | FL3614 | AMPS | 286 | MAX SAFE RPM | 3750 | (AT BASE RATING, 25 °C) | |
| HP | 250 | DUTY | CONT | IM (AMPS) | 101 | R1 | .00789 X1 .0686 |
| BASE SPEED | 1785 | S.F. | 1.0 | P.F. @NL/FL | .036/.869 | R2 | .00624 X2 .0955 |
| PHASE/HERTZ | 3/60 | AMB °C/INSUL | 40/H | WK ² (Lb-Ft ²) | 45 | | XM 2.53 |

CORRELATED DATA
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



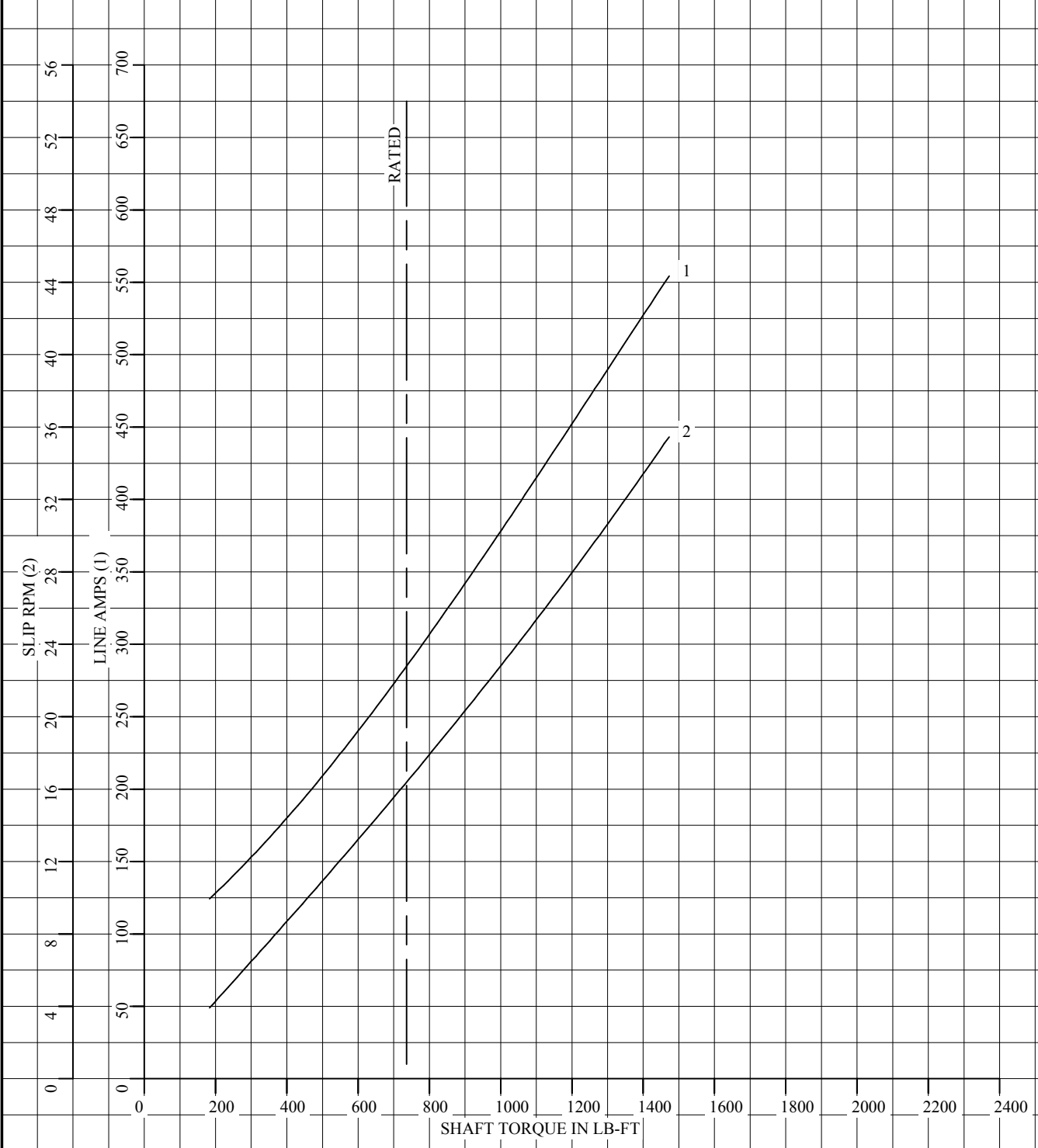
DR. BY B. GRANT
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APP. BY J. MARTIN
DATE 8-13-13

**A-C MOTOR
PERFORMANCE
CURVES**

L5924A
SH 1 OF 2
ISSUE DATE 9-6-16

| | | | | | | | |
|-------------|--------|--------------|------|---------------------------------------|-----------|--------------------------------|-----------------|
| REL S.O. | - | VOLTS | 460 | ENCLOSURE | TEBC | WYE CONN EQ CKT OHMS PER PHASE | |
| FRAME | FL3614 | AMPS | 286 | MAX SAFE RPM | 3750 | (AT BASE RATING, 25 °C) | |
| HP | 250 | DUTY | CONT | IM (AMPS) | 101 | R1 | .00789 X1 .0686 |
| BASE SPEED | 1785 | S.F. | 1.0 | P.F. @NL/FL | .036/.869 | R2 | .00624 X2 .0955 |
| PHASE/HERTZ | 3/60 | AMB °C/INSUL | 40/H | WK ² (Lb-Ft ²) | 45 | | XM 2.53 |

CORRELATED DATA
LOAD PERFORMANCE (CONSTANT V/Hz RANGE)



REMARKS: TYPICAL DATA
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY



DR. BY B. GRANT
CK. BY B. GRANT
APP. BY J. MARTIN
DATE 8-13-13

A-C MOTOR
PERFORMANCE
CURVES

L5924A
SH 2 OF 2
ISSUE DATE 9-6-16