

|             |      |              |         |                                       |           |     |       |    |      |                         |           |
|-------------|------|--------------|---------|---------------------------------------|-----------|-----|-------|----|------|-------------------------|-----------|
| REL S.O.    | -    | VOLTS        | 230/460 | ENCLOSURE                             | TEFC-XE   | WYE | CONN  | EQ | CKT  | OHMS                    | PER PHASE |
| FRAME       | 364T | AMPS         | 71.2    | MAX SAFE RPM                          | 3600      |     |       |    |      | (AT BASE RATING, 25 °C) |           |
| HP          | 60   | DUTY         | CONT    | IM (AMPS)                             | 24.3      | R1  | .0437 | X1 | .308 |                         |           |
| BASE SPEED  | 1785 | S.F.         | .00     | P.F.@NL/FL                            | .073/83.7 | R2  | .0271 | X2 | .403 |                         |           |
| PHASE/HERTZ | 3/60 | AMB °C/INSUL | 40/F    | WK <sup>2</sup> (Lb-Ft <sup>2</sup> ) | 14.32     |     |       | XM | 8.70 |                         |           |

### RATED FULL LOAD DATA

|            | RPM  | HP   | TORQUE<br>LB-FT | FUND<br>VOLTS | FREQ-HZ | AMPS |
|------------|------|------|-----------------|---------------|---------|------|
| BASE SPEED | 1785 | 60.0 | 176             | 460           | 60      | 71.2 |
| MAX SPEED  | 2677 | 60.0 | 118             | 460           | 90      | 69.1 |
| MIN SPEED  | 0    | 0    | 176             | 11.6          | .490    | 71.2 |

### LOAD PERFORMANCE AT BASE SPEED

|           | RPM  | HP   | TORQUE<br>LB-FT | FUND<br>VOLTS | FREQ-HZ | AMPS |
|-----------|------|------|-----------------|---------------|---------|------|
| NO LOAD   | 1800 | 0    | 0               | 460           | 60      | 24.3 |
| 1/4       | 1796 | 15.0 | 44              | 460           | 60      | 34.4 |
| 1/2       | 1793 | 30.0 | 88              | 460           | 60      | 44.6 |
| 3/4       | 1789 | 45.0 | 132             | 460           | 60      | 56.8 |
| FULL LOAD | 1785 | 60.0 | 176             | 460           | 60      | 71.2 |
| O/L       | 1767 | 119  | 353             | 460           | 60      | 138  |

REMARKS: TYPICAL DATA  
VECTOR PWM INVERTER DUTY

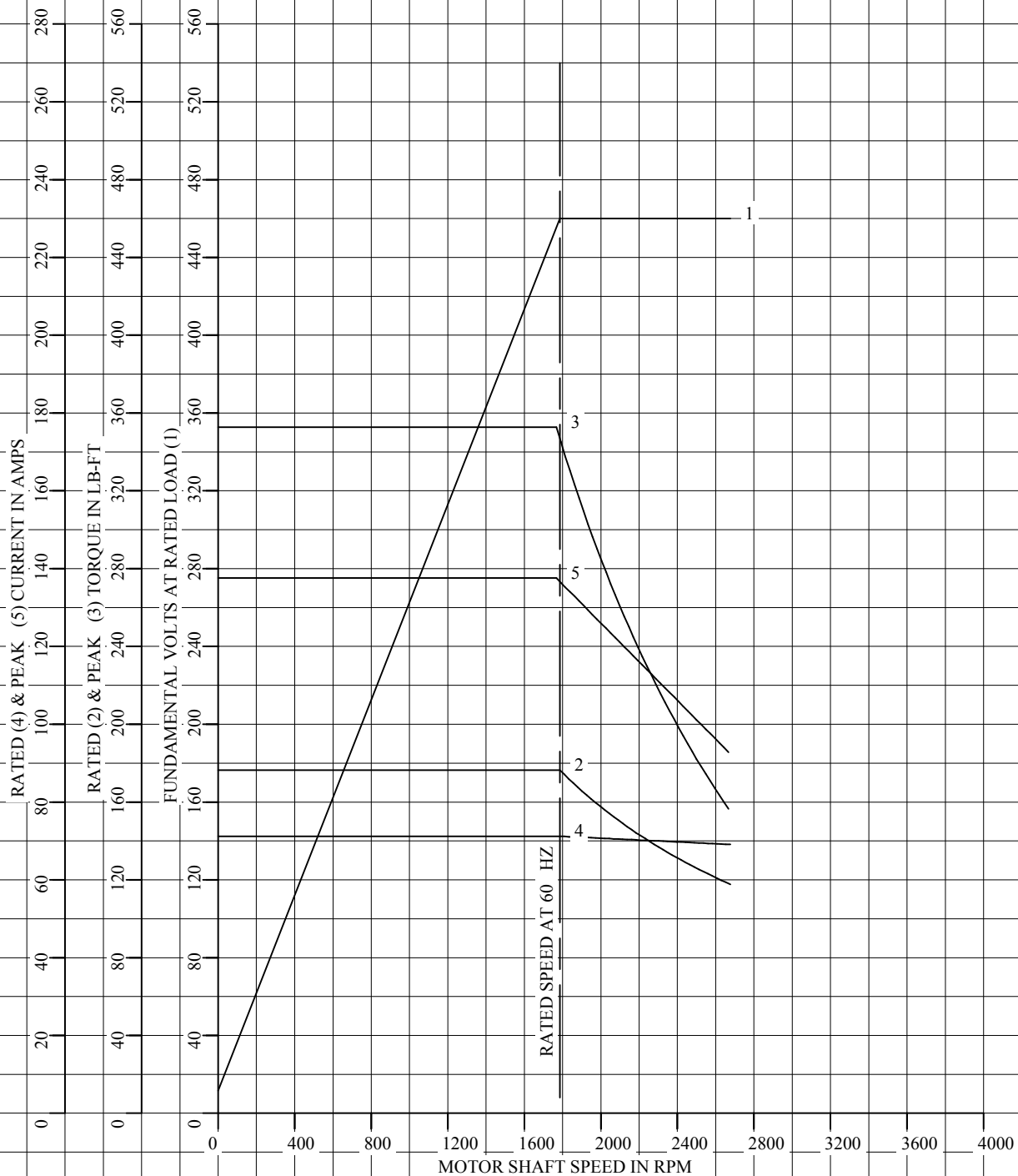


DR. BY J. J. HARRISON  
CK. BY J. TSAO  
APP. BY J. TSAO  
DATE 07/31/06

A-C MOTOR  
PERFORMANCE DATA  
A36WG0566-R002  
ISSUE DATE 09/29/14

|             |      |              |         |                                       |           |                                |         |
|-------------|------|--------------|---------|---------------------------------------|-----------|--------------------------------|---------|
| REL S.O.    | -    | VOLTS        | 230/460 | ENCLOSURE                             | TEFC-XE   | WYE CONN EQ CKT OHMS PER PHASE |         |
| FRAME       | 364T | AMPS         | 71.2    | MAX SAFE RPM                          | 3600      | (AT BASE RATING, 25 °C)        |         |
| HP          | 60   | DUTY         | CONT    | IM (AMPS)                             | 24.3      | R1 .0437                       | X1 .308 |
| BASE SPEED  | 1785 | S.F.         | .00     | P.F. @NL/FL                           | .073/83.7 | R2 .0271                       | X2 .403 |
| PHASE/HERTZ | 3/60 | AMB °C/INSUL | 40/F    | WK <sup>2</sup> (Lb-Ft <sup>2</sup> ) | 14.32     | XM 8.70                        |         |

VECTOR PWM INVERTER DUTY  
VARIABLE SPEED AC MOTOR CURVES



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

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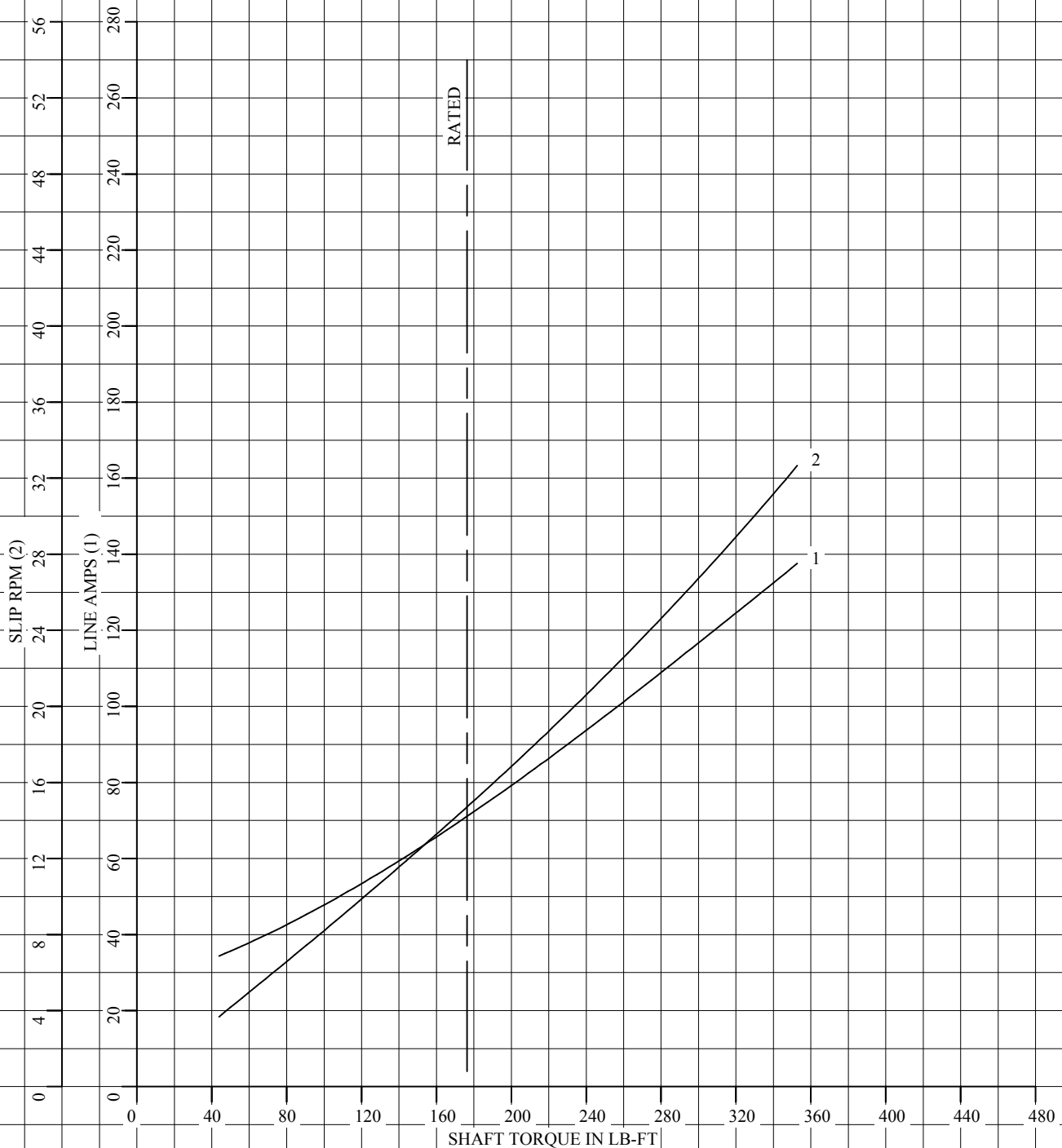
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DATE 07/31/06

**A-C MOTOR  
PERFORMANCE  
CURVES**

**A36WG0566-R002**  
SH 1 OF 2  
ISSUE DATE 09/29/14

|             |      |              |         |                                       |           |                                |         |
|-------------|------|--------------|---------|---------------------------------------|-----------|--------------------------------|---------|
| REL S.O.    | -    | VOLTS        | 230/460 | ENCLOSURE                             | TEFC-XE   | WYE CONN EQ CKT OHMS PER PHASE |         |
| FRAME       | 364T | AMPS         | 71.2    | MAX SAFE RPM                          | 3600      | (AT BASE RATING, 25 °C)        |         |
| HP          | 60   | DUTY         | CONT    | IM (AMPS)                             | 24.3      | R1 .0437                       | X1 .308 |
| BASE SPEED  | 1785 | S.F.         | .00     | P.F. @NL/FL                           | .073/83.7 | R2 .0271                       | X2 .403 |
| PHASE/HERTZ | 3/60 | AMB °C/INSUL | 40/F    | WK <sup>2</sup> (Lb-Ft <sup>2</sup> ) | 14.32     | XM 8.70                        |         |

VECTOR PWM INVERTER DUTY  
LOAD PERFORMANCE (CONSTANT V/HZ RANGE)



REMARKS: TYPICAL DATA  
DATA VALID FOR NAMEPLATE SPEED RANGE ONLY

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APP. BY J. TSAO  
DATE 07/31/06

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PERFORMANCE  
CURVES**

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SH 2 OF 2  
ISSUE DATE 09/29/14