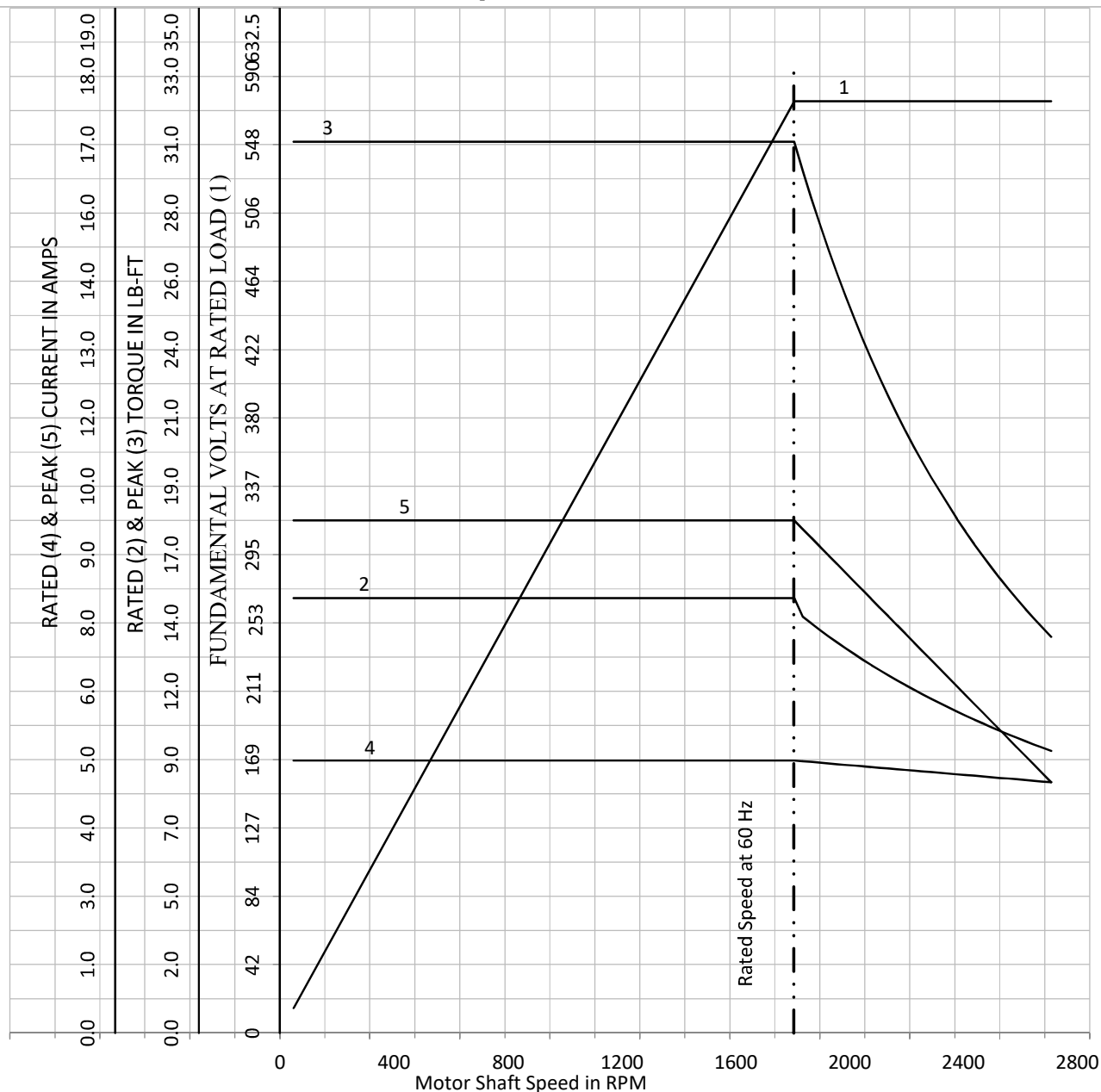


|            |      |                                                                                                            |                                                   |       |    |         |
|------------|------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------|----|---------|
| NP VOLTS   | 575  | Base Volt<br>575<br>NL AMPS<br>2.52<br>Slip (HZ)<br>1.60<br>WK <sup>2</sup> (lb-ft <sup>2</sup> )<br>0.390 | WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C) |       |    |         |
| NP AMPS    | 5.2  |                                                                                                            | R1                                                | 1.870 | X1 | 4.080   |
| HP         | 5    |                                                                                                            | R2                                                | 1.550 | X2 | 3.220   |
| BASE SPEED | 1752 |                                                                                                            |                                                   |       | XM | 116.000 |
| PHASE/HZ   | 3/60 |                                                                                                            |                                                   |       |    |         |

| Rated Full Load Data                                                                |       |       |         |                                                                                             |         |                                                                       |
|-------------------------------------------------------------------------------------|-------|-------|---------|---------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------|
|                                                                                     | RPM   | HP    | Torque  | Volts                                                                                       | Freq-Hz | Amps                                                                  |
| Base Speed                                                                          | 1752  | 5.0   | 15.0    | 575                                                                                         | 60      | 5.2                                                                   |
| Max Speed                                                                           | 2629  | 5.0   | 10.0    | 575                                                                                         | 90      | 4.8                                                                   |
| CT Min Speed                                                                        | 1.752 | 0.005 | 15.0    | 0.58                                                                                        | 0.06    | 5.2                                                                   |
| Load Performance at Base Speed                                                      |       |       |         |                                                                                             |         |                                                                       |
|                                                                                     | RPM   | HP    | Torque  | Volts                                                                                       | Freq-Hz | Amps                                                                  |
| No Load                                                                             | 1799  | 0.0   | 0.0     | 575                                                                                         | 60      | 2.5                                                                   |
| 1/4                                                                                 | 1787  | 1.3   | 3.7     | 575                                                                                         | 60      | 2.8                                                                   |
| 1/2                                                                                 | 1776  | 2.5   | 7.5     | 575                                                                                         | 60      | 3.3                                                                   |
| 3/4                                                                                 | 1765  | 3.8   | 11.3    | 575                                                                                         | 60      | 4.2                                                                   |
| Full Load                                                                           | 1752  | 5.0   | 15.0    | 575                                                                                         | 60      | 5.2                                                                   |
| O/L                                                                                 | 1708  | 10.0  | 30.8    | 575                                                                                         | 60      | 9.7                                                                   |
|                                                                                     |       |       |         |                                                                                             |         |                                                                       |
| Blower Data                                                                         | Volts | Ph/Hz | FL Amps | LR Amps                                                                                     | Frame   | CFM                                                                   |
|                                                                                     |       |       |         |                                                                                             |         |                                                                       |
| Remarks: Calculated Data                                                            |       |       |         |                                                                                             |         |                                                                       |
|  |       |       |         | DR BY <u>USBRRAN1</u><br>CK BY <u>CD</u><br>APP BY <u>USBRRAN1</u><br>DATE <u>11/1/2024</u> |         | A-C MOTOR<br>PERFORMANCE<br>CURVES<br><br>06WGW570<br><br>Record: 526 |

|            |      |           |                                       |                                                   |       |    |       |
|------------|------|-----------|---------------------------------------|---------------------------------------------------|-------|----|-------|
| NP VOLTS   | 575  | Base Volt | 575                                   | WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C) |       |    |       |
| NP AMPS    | 5.2  |           |                                       | R1                                                | 1.870 | X1 | 4.080 |
| HP         | 5    |           |                                       | R2                                                | 1.550 | X2 | 3.220 |
| BASE SPEED | 1752 |           |                                       | XM 116.000                                        |       |    |       |
| PHASE/HZ   | 3/60 |           |                                       |                                                   |       |    |       |
|            |      |           | Slip (HZ)                             | 1.60                                              |       |    |       |
|            |      |           | WK <sup>2</sup> (lb-ft <sup>2</sup> ) | 0.390                                             |       |    |       |

Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

**BALDOR • RELIANCE**

DR BY USBRRAN1  
 CK BY CD  
 APP BY USBRRAN1  
 DATE 11/1/2024

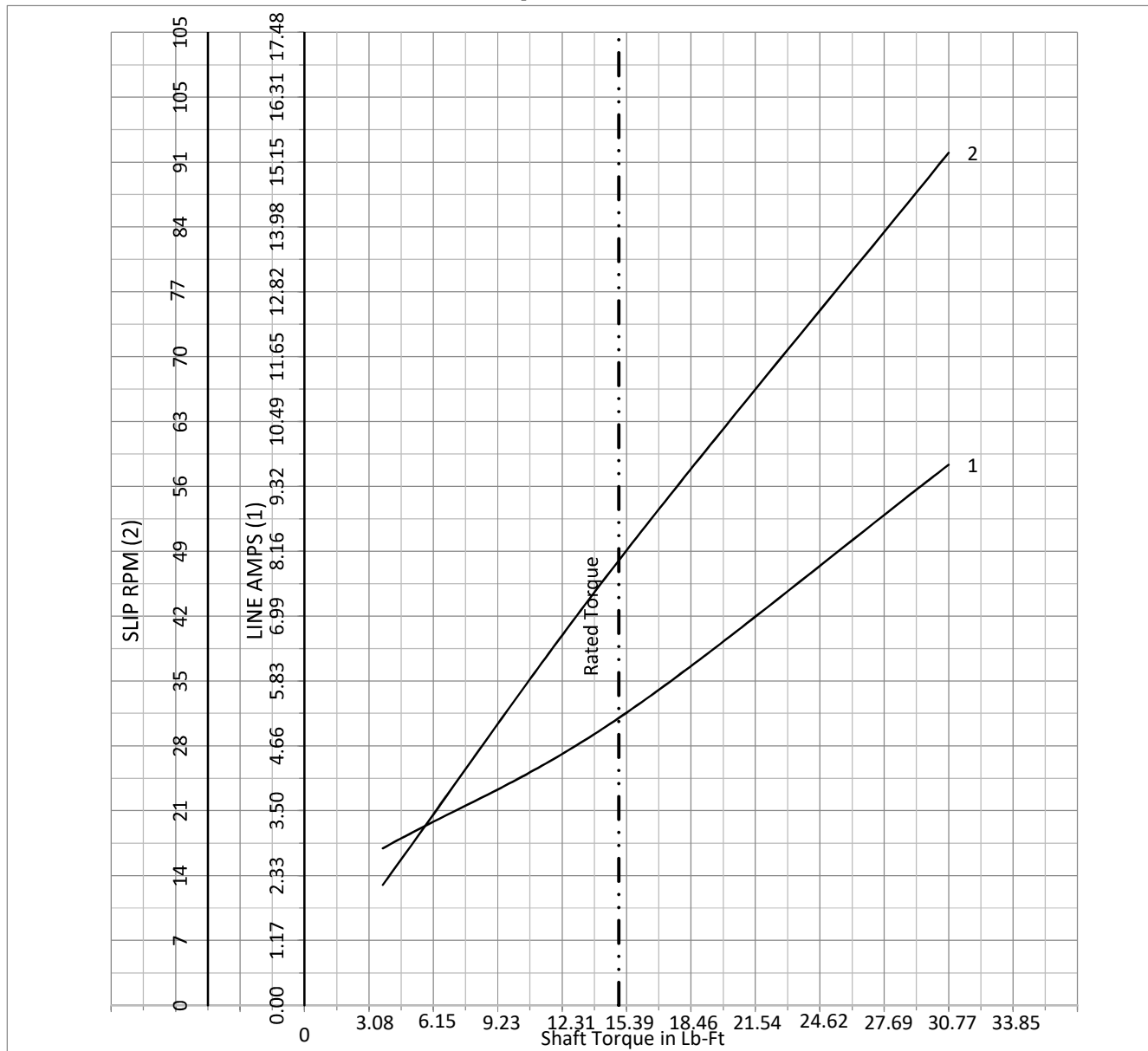
**A-C MOTOR  
 PERFORMANCE  
 CURVES**

**06WGW570**

Record: 526

|            |      |              |       |                                                   |       |    |         |
|------------|------|--------------|-------|---------------------------------------------------|-------|----|---------|
| NP VOLTS   | 575  | 0            | 0     | WYE CONN EQ CKT OHMS PER PHASE (BASE RATING, 20C) |       |    |         |
| NP AMPS    | 5.2  | Base Volt    | 575   | R1                                                | 1.870 | X1 | 4.080   |
| HP         | 5    | NL AMPS      | 2.52  | R2                                                | 1.550 | X2 | 3.220   |
| BASE SPEED | 1752 | Slip (HZ)    | 1.60  |                                                   |       | XM | 116.000 |
| PHASE/HZ   | 3/60 | WK2 (lb-ft2) | 0.390 |                                                   |       |    |         |

Vector PWM Inverter Duty  
Variable Speed AC Motor Curves



Calculated Data

Data Valid For Nameplate Speed Range only

**BALDOR • RELIANCE**

DR BY USBRRAN1  
 CK BY CD  
 APP BY USBRRAN1  
 DATE 11/1/2024

**A-C MOTOR  
PERFORMANCE  
CURVES**

**06WGW570**

Record: 526