

|          |      |          |              |            |           |       |                   |
|----------|------|----------|--------------|------------|-----------|-------|-------------------|
| Volts    | 460  | Max RPM  | 3600         | Conn Diag. | CD0006B03 | Leads | 3                 |
| Amps     | 1.05 | Max Amps |              | Cs Diagram | CS1126    | BEMF  | 269               |
| HP       | 1    | VFD#     | ECIN4A2P2    |            |           | LD    | 117               |
| RPM      | 1800 | S.F.     | 1.00         |            |           | LQ    | 500               |
| Phase/Hz | 3/60 | Rating   | 50C AMB-CONT |            |           | Rs    | 19.8095 Meas. L-L |

### 60034-2-3 Motor Performance at Standardized Operating Points

|    | RPM  | % Speed | LB-FT | % Torque | HP  | Efficiency | Loss (% FL) | Watts Loss (W) |
|----|------|---------|-------|----------|-----|------------|-------------|----------------|
| P1 | 1618 | 90%     | 2.9   | 100%     | 0.9 | 88.2       | 11.94%      | 90             |
| P2 | 900  | 50%     | 2.9   | 100%     | 0.5 | 86.0       | 8.08%       | 61             |
| P3 | 450  | 25%     | 2.9   | 100%     | 0.3 | 79.2       | 6.50%       | 49             |
| P4 | 1621 | 90%     | 1.5   | 50%      | 0.5 | 87.1       | 6.62%       | 50             |
| P5 | 900  | 50%     | 1.5   | 50%      | 0.2 | 87.4       | 3.55%       | 27             |
| P6 | 900  | 50%     | 0.7   | 25%      | 0.1 | 86.0       | 2.02%       | 15             |
| P7 | 450  | 25%     | 0.7   | 25%      | 0.1 | 83.8       | 1.21%       | 9              |

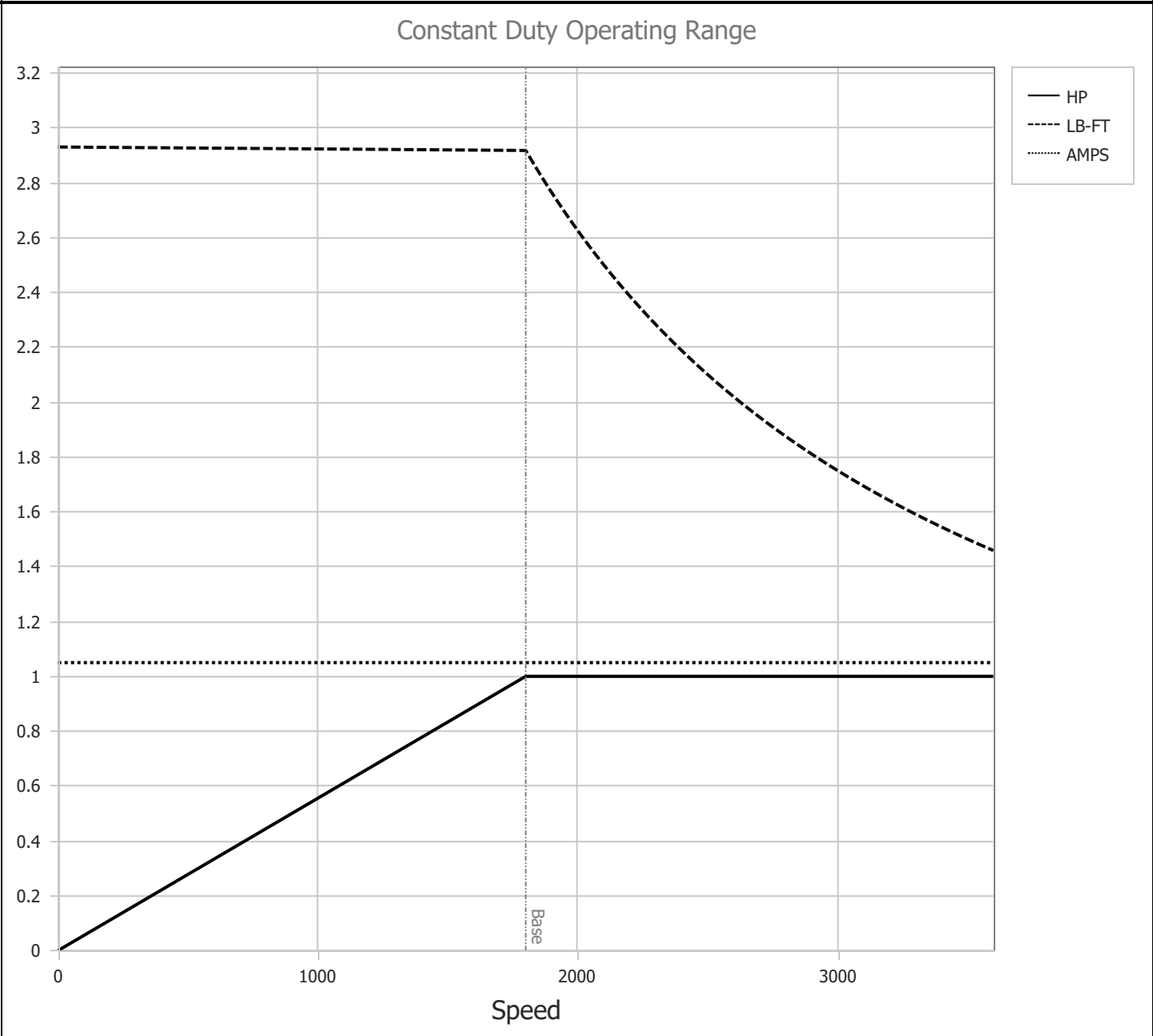
### 61800-9-2 PDS Performance at Reference Operating Points

|    | RPM  | % Speed | LB-FT | % Torque | HP  | System Efficiency | Loss (% FL) | Watts Loss (W) |
|----|------|---------|-------|----------|-----|-------------------|-------------|----------------|
| P1 | 1799 | 100%    | 2.9   | 100%     | 1.0 | 87.0              | 14.73%      | 111            |
| P2 | 900  | 50%     | 2.9   | 100%     | 0.5 | 81.0              | 11.61%      | 88             |
| P3 | 300  | 17%     | 2.9   | 100%     | 0.2 | 63.2              | 9.59%       | 72             |
| P4 | 1802 | 100%    | 1.5   | 50%      | 0.5 | 83.5              | 9.78%       | 74             |
| P5 | 900  | 50%     | 1.5   | 50%      | 0.2 | 79.4              | 6.41%       | 48             |
| P6 | 300  | 17%     | 1.5   | 50%      | 0.1 | 61.5              | 5.17%       | 39             |
| P7 | 900  | 50%     | 0.7   | 25%      | 0.1 | 73.2              | 4.53%       | 34             |
| P8 | 300  | 17%     | 0.7   | 25%      | 0.0 | 53.7              | 3.56%       | 27             |

Points not taken in certified order.

|                          |         |                   |                                            |                                                  |
|--------------------------|---------|-------------------|--------------------------------------------|--------------------------------------------------|
| <b>BALDOR • RELIANCE</b> | DR By:  | <u>R &amp; D</u>  | <b>AC MOTOR<br/>PERFORMANCE<br/>CURVES</b> | <b>35WGG965</b><br>35-0000-1623<br>Test - 111577 |
|                          | CK By:  | <u>USTOSAN</u>    |                                            |                                                  |
|                          | APP By: | <u>USWEQUA1</u>   |                                            |                                                  |
|                          | Date:   | <u>11/14/2024</u> |                                            |                                                  |

|          |      |          |              |            |           |       |                  |
|----------|------|----------|--------------|------------|-----------|-------|------------------|
| Volts    | 460  | Max RPM  | 3600         | Conn Diag. | CD0006B03 | Leads | 3                |
| Amps     | 1.05 | Max Amps |              | Cs Diagram | CS1126    | BEMF  | 269              |
| HP       | 1    | VFD #    | ECIN4A2P2    |            |           | LD    | 117              |
| RPM      | 1800 | S.F.     | 1.00         |            |           | LQ    | 500              |
| Phase/Hz | 3/60 | Rating   | 50C AMB-CONT |            |           | Rs    | 19.8095 Meas L-L |



|                              |         |            |                                                |               |
|------------------------------|---------|------------|------------------------------------------------|---------------|
| <div>BALDOR • RELIANCE</div> | DR By:  | R & D      | <div>AC MOTOR<br/>PERFORMANCE<br/>CURVES</div> | 35WGG965      |
|                              | CK By:  | USTOSAN    |                                                | 35-0000-1623  |
|                              | APP By: | USWEQUA1   |                                                | Test - 111577 |
|                              | Date:   | 11/14/2024 |                                                |               |
|                              |         |            |                                                |               |