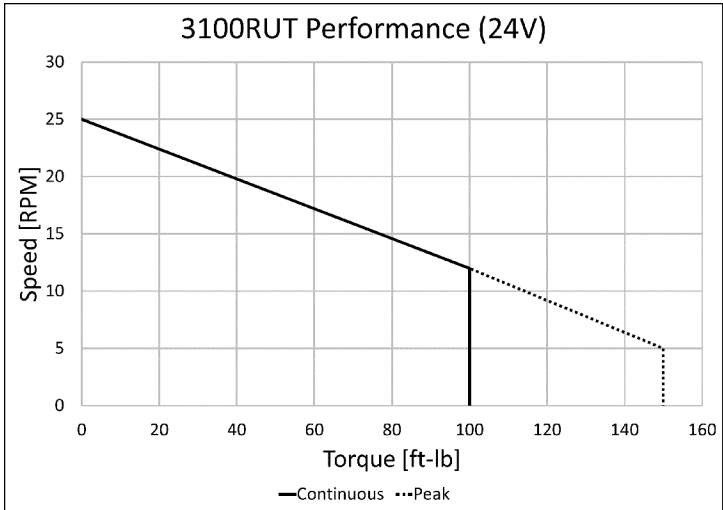
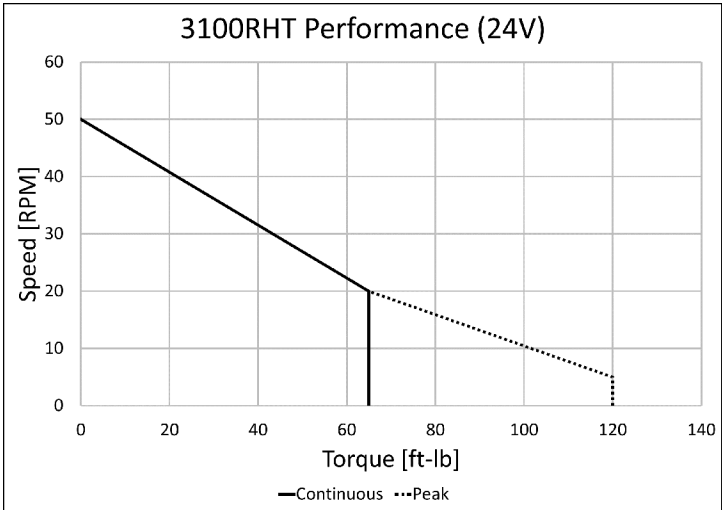
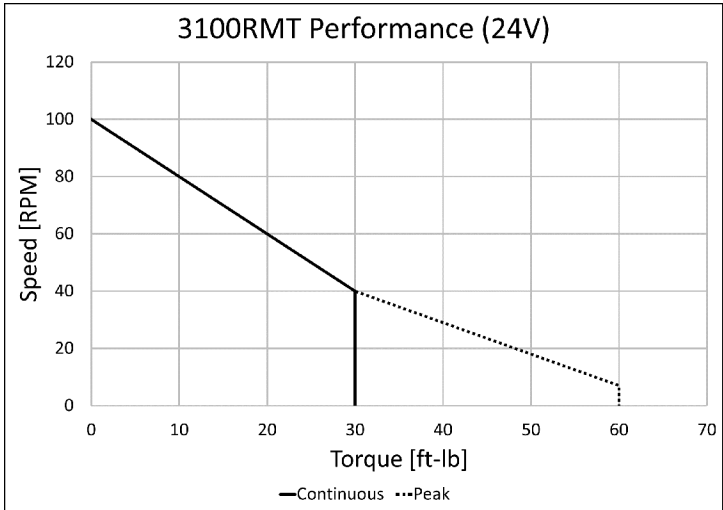
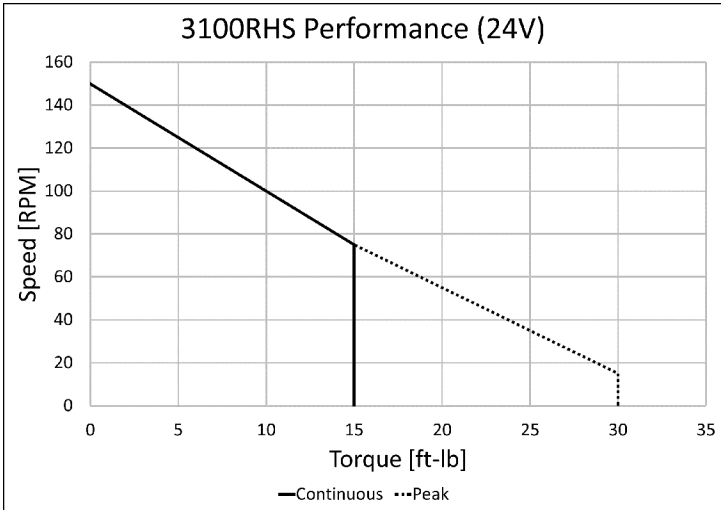
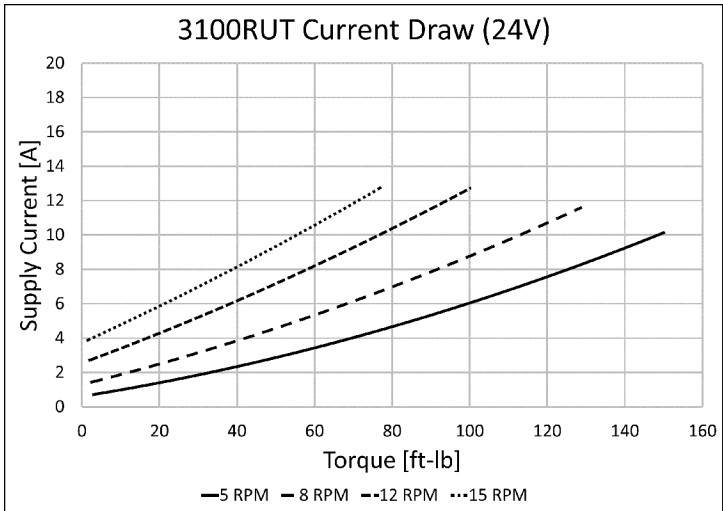
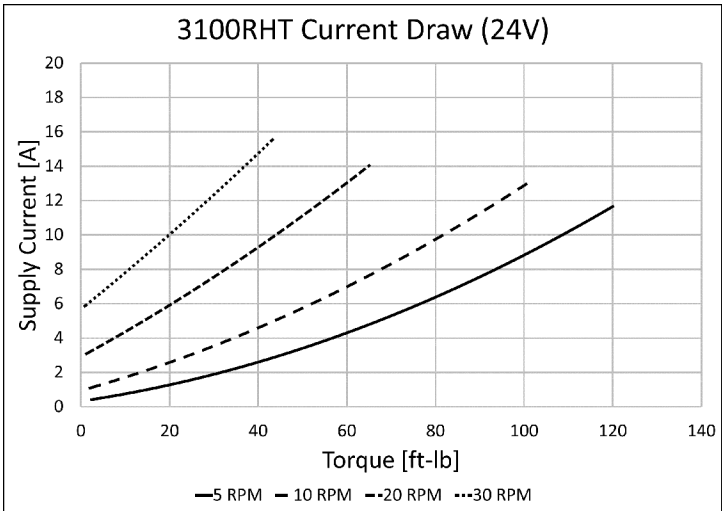
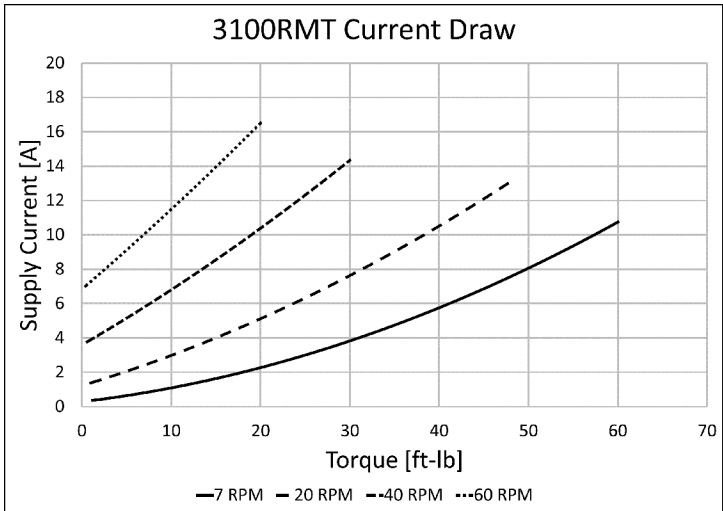
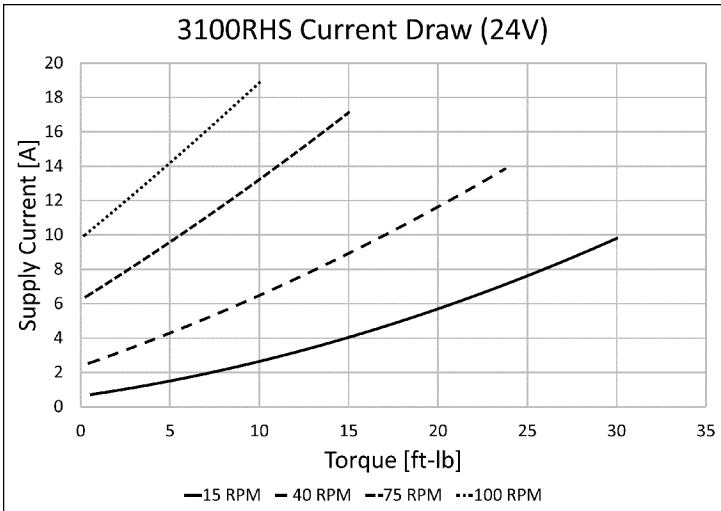




D



C



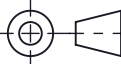
B

B

ALL CHARTS SHOW PERFORMANCE AT 24 VDC.  
OPERATION AT OTHER VOLTAGES WILL IMPACT PERFORMANCE.

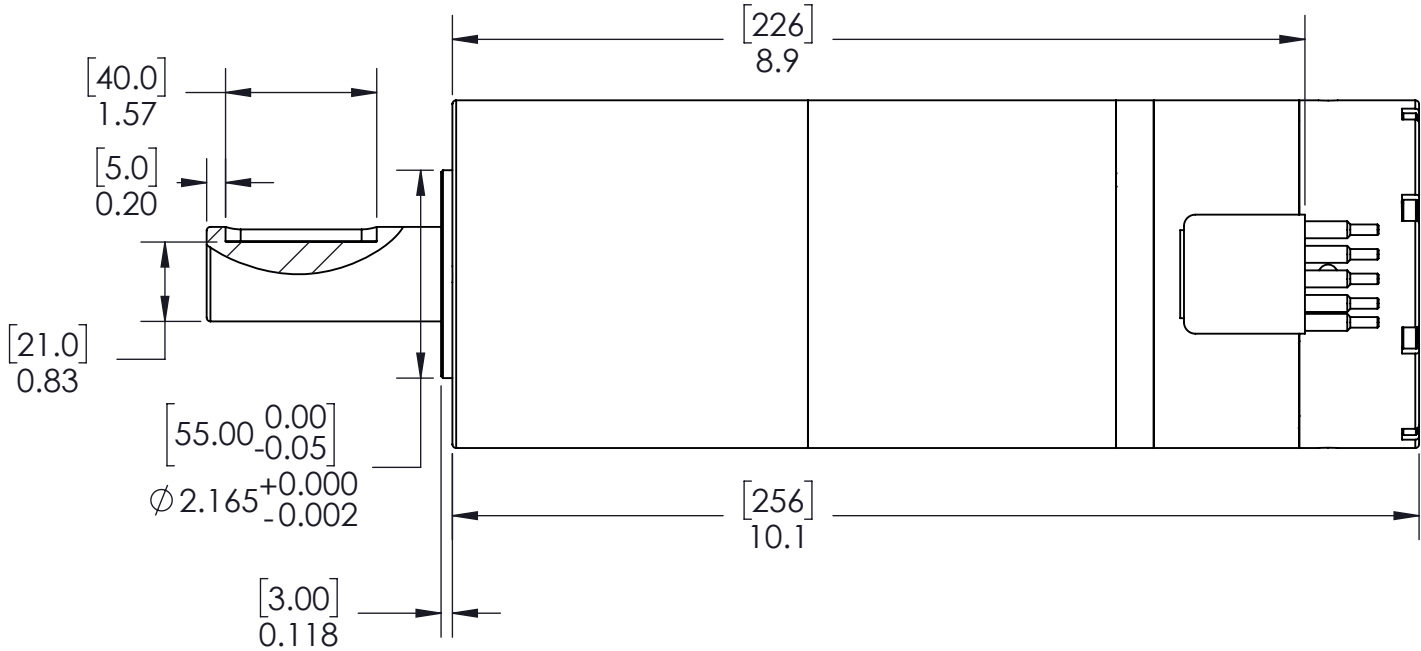
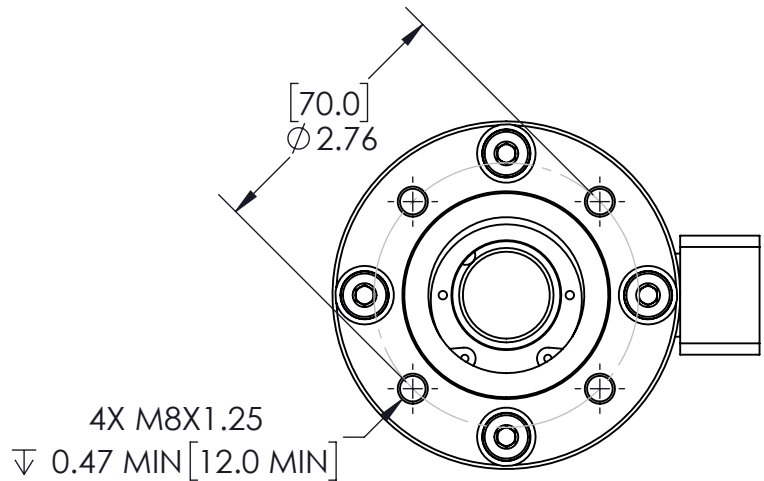
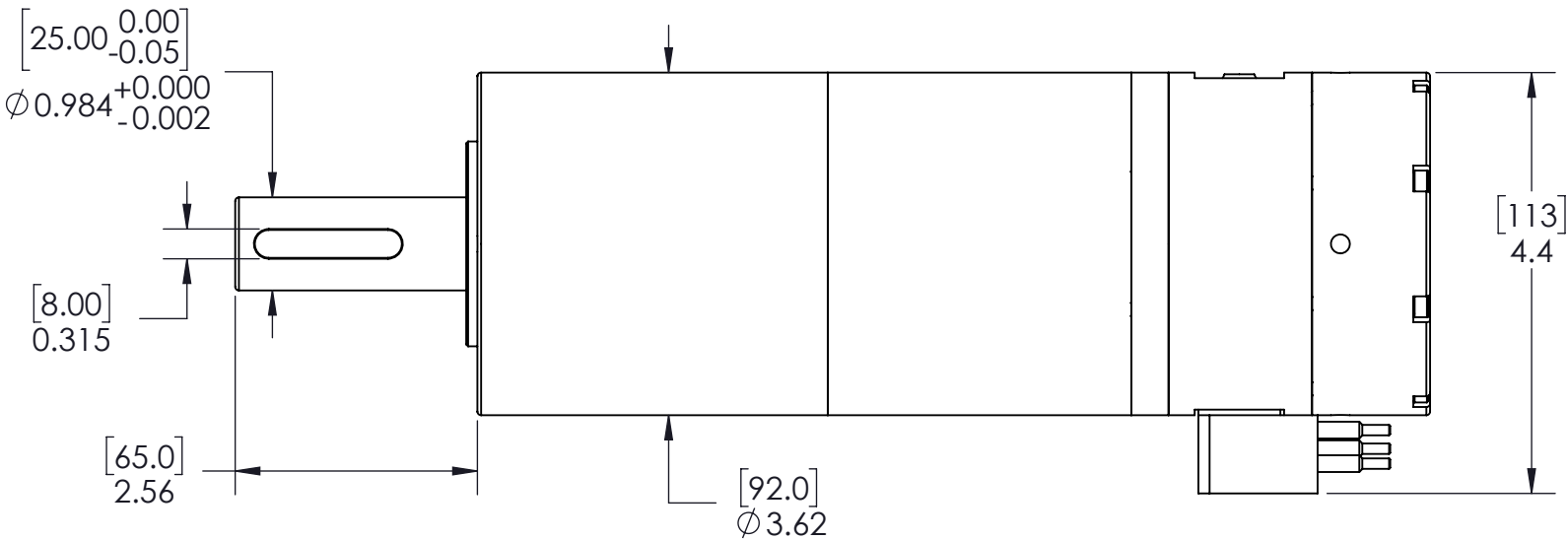
A

A

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                 |                                                                                                                                               |                                                                                       |                              |                            |                    |            |              |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|----------------------------|--------------------|------------|--------------|
| MATERIAL:<br>-     | <b>UNLESS OTHERWISE SPECIFIED:</b><br>- DIMENSIONS ARE IN INCHES<br>- DIMENSIONS IN [ ] ARE IN mm<br>- TOLERANCES:<br>DECIMALS:<br>.X ±.05<br>.XX ±.015<br>.XXX ±.005<br>ANGULAR:<br>MACHINED: ±0.5°<br>OTHER: ±2°<br>- THREAD DEPTHS ON TAPPED HOLES ARE MINIMUMS<br>- TAP DRILL DIAMETERS ARE REFERENCE<br>- MAX FILLET RADIUS ON INSIDE SHARP CORNERS: 0.005<br>- BREAK ALL SHARP EDGES 0.010 MAX AND REMOVE BURRS<br>- SURFACE FINISH: ≤63 Ra (µin) | INITIALS<br>DATE                                                                                                                                                                                                                                |  <b>2G ENGINEERING</b><br>WWW.2G-ENG.COM<br>608-825-4799 |                                                                                       |                              |                            |                    |            |              |
| MATERIAL COMMENTS: |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DRAWN<br>APPROVED                                                                                                                                                                                                                               |                                                                                                                                               | DJF<br>DJF                                                                            | 09/01/2021<br>06/06/2022     |                            |                    |            |              |
| FINISH:            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>PROPRIETARY AND CONFIDENTIAL</b><br>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF 2G ENGINEERING. ANY DISTRIBUTION OR REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 2G ENGINEERING IS PROHIBITED. |                                                                                                                                               |                                                                                       |                              |                            |                    |            |              |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SIZE<br>B                                                                                                                                                                                                                                       | THIRD ANGLE<br>PROJECTION                                                                                                                     |  | PART NUMBER:<br><b>3100R</b> | PART REVISION:<br><b>D</b> | DOCUMENT REV.<br>2 | SCALE: 1:2 | SHEET 2 OF 4 |



| APPROXIMATE WEIGHTS | STAINLESS        | ALUMINUM         | TITANIUM         |
|---------------------|------------------|------------------|------------------|
| DRY/SURFACE         | 21 lbs<br>9.5 kg | 14 lbs<br>6.4 kg | 16 lbs<br>7.3 kg |
| WET/SUBMERGED       | 17 lbs<br>7.7 kg | 10 lbs<br>4.5 kg | 12 lbs<br>5.4 kg |



MODEL SHOWN: 3100RHT-SSKSN-9S01  
CERTAIN OPTIONS MAY IMPACT DIMENSIONS.  
CONTACT 2G FOR COMPLETE DIMENSIONS AND 3D MODELS.

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                 |            |                                                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| MATERIAL:<br>-     | <b>UNLESS OTHERWISE SPECIFIED:</b><br>- DIMENSIONS ARE IN INCHES<br>- DIMENSIONS IN [ ] ARE IN mm<br>- TOLERANCES:<br>DECIMALS:<br>.X ±.05<br>.XX ±.015<br>.XXX ±.005<br>ANGULAR:<br>MACHINED: ±0.5°<br>OTHER: ±2°<br>- THREAD DEPTHS ON TAPPED HOLES ARE MINIMUMS<br>- TAP DRILL DIAMETERS ARE REFERENCE<br>- MAX FILLET RADIUS ON INSIDE SHARP CORNERS: 0.005<br>- BREAK ALL SHARP EDGES 0.010 MAX AND REMOVE BURRS<br>- SURFACE FINISH: ≤63 Ra (µin) | INITIALS                                                                                                                                                                                                                                        | DATE       |  <b>2G ENGINEERING</b><br>WWW.2G-ENG.COM<br>608-825-4799 |
| MATERIAL COMMENTS: |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DRAWN<br>DJF                                                                                                                                                                                                                                    | 09/01/2021 |                                                                                                                                               |
| FINISH:            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | APPROVED<br>DJF                                                                                                                                                                                                                                 | 06/06/2022 |                                                                                                                                               |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>PROPRIETARY AND CONFIDENTIAL</b><br>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF 2G ENGINEERING. ANY DISTRIBUTION OR REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 2G ENGINEERING IS PROHIBITED. |            | <b>3100 SERIES ROTARY ACTUATOR DRAWING PACK</b>                                                                                               |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SIZE B THIRD ANGLE PROJECTION                                                                                                                                                                                                                   |            |                                                                                                                                               |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | INTERPRET GEOMETRIC DIMENSIONING & TOLERANCING PER ASME Y14.5-2009                                                                                                                                                                              |            | PART NUMBER:<br><b>3100R</b>                                                                                                                  |
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PART REVISION: <b>D</b>                                                                                                                                                                                                                         |            | DOCUMENT REV. 2 SCALE: 1:2 SHEET 4 OF 4                                                                                                       |