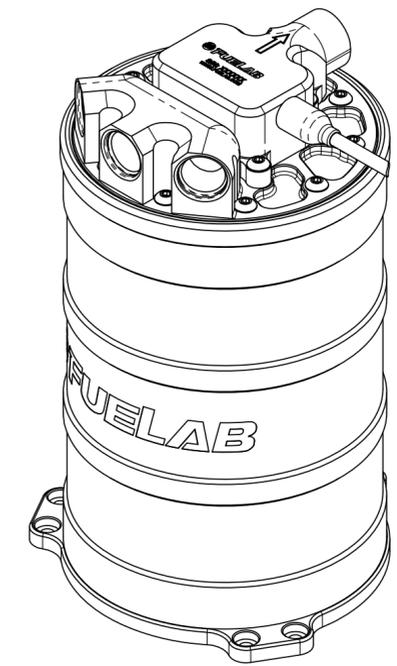
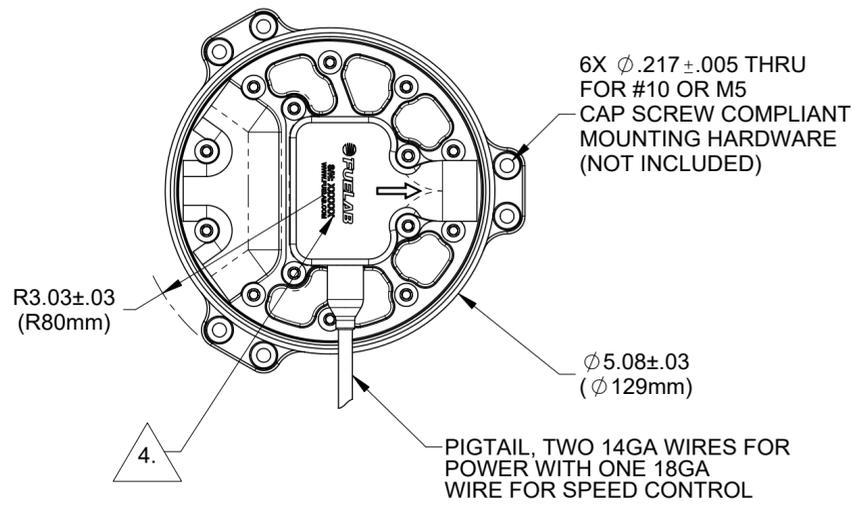


**NOTES:**

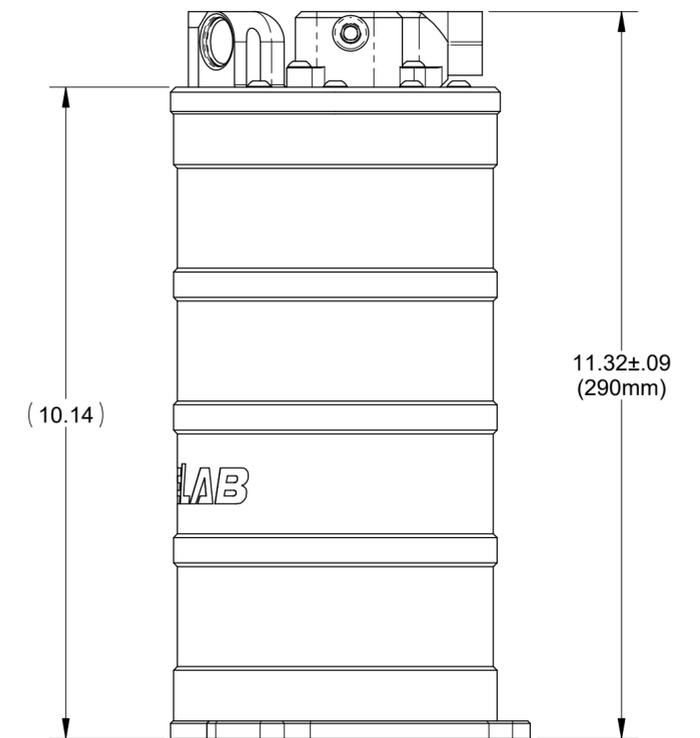
1. THIS DRAWING DESCRIBES THE FUELAB 617xx SERIES FUEL SURGE TANK SYSTEM.
2. FEATURES INCLUDE:
  - SYSTEM DESIGNED TO PREVENT FUEL SLOSH EFFECTS OR MAIN TANK PUMP CAPACITY INSUFFICIENCIES
  - INTEGRATED THREE PHASE DC BRUSHLESS MOTOR WITH NEODYMIUM MAGNETS
  - INTEGRATED SCREW STYLE PUMP
  - INTEGRATED CONTROLLER ELECTRONICS WITH PWM SPEED CONTROL
  - BILLET ALUMINUM, STAINLESS STEEL CONSTRUCTION WITH FLUOROSILICONE SEALS.
3. FUEL COMPATIBILITY INCLUDES:
  - GASOLINE (PUMP OR RACE)
  - METHANOL
  - ETHANOL (INCLUDING E85)
  - DIESEL
4. UNIQUE SERIAL NUMBER DOES NOT CONTAIN DIRECT INFORMATION IN DETERMINING MODEL NUMBER. CONTACT FUELAB FOR DETERMINATION OF MODEL NUMBER BASED ON SERIAL NUMBER.
5. LEAK TESTED RESERVOIR ASSEMBLY WITH FUEL PUMP(S) INSTALLED, INSTRUCTIONS AND PERFORMANCE CERTIFICATION INCLUDED, BAGGED SERPARATELY FROM SYSTEM.
6. 8-18 VOLT OPERATING RANGE, USE ONLY 12 VOLT OR 16 VOLT (6 OR 8 CELL LEAD ACID BATTERY) VEHICLE SYSTEMS WITH OR WITHOUT CHARGING SYSTEM.
7. ALL MODEL 617xx SERIES SYSTEMS REQUIRE BYPASS REGULATOR OR RELIEF VALVE TO AVOID OVER-PRESSURE OPERATING CONDITION.
8. SEE TABLE BELOW FOR DETERMINATION OF DESIRED MODEL NUMBER.



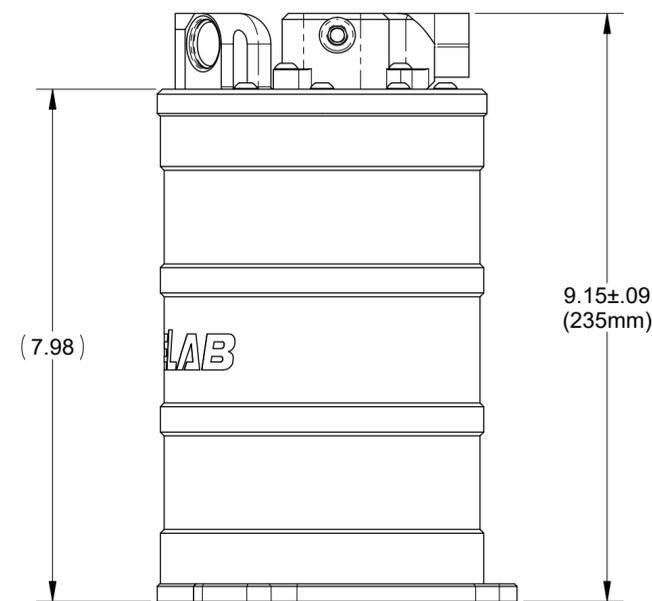
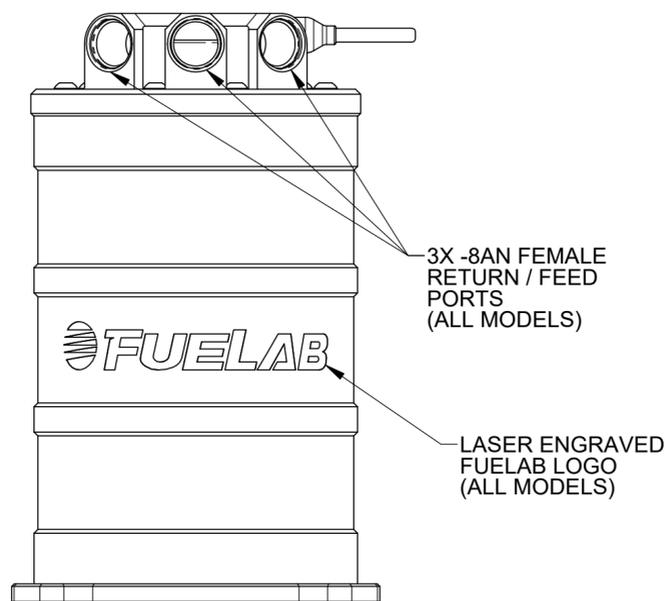
**ISOMETRIC VIEW  
(FOR MODELS 61701, 61702, 61703 OR 61704)**

**MODEL SELECTION TABLE**

MODEL	TANK VOLUME	FLOW RATING, AT 13.5v	FLOW RATING, AT 13.5v	MAX. PRESSURE
61701	.55 GAL (2.1L)	66 GPH AT 45 PSI	250 LPH AT 3.0 BAR	125 PSI (8.5 BAR)
61702	.55 GAL (2.1L)	92 GPH AT 45 PSI	350 LPH AT 3.0 BAR	125 PSI (8.5 BAR)
61703	.55 GAL (2.1L)	132 GPH AT 45 PSI	500 LPH AT 3.0 BAR	125 PSI (8.5 BAR)
61704	.55 GAL (2.1L)	158 GPH AT 45 PSI	600 LPH AT 3.0 BAR	125 PSI (8.5 BAR)
61711	.71 GAL (2.7L)	66 GPH AT 45 PSI	250 LPH AT 3.0 BAR	125 PSI (8.5 BAR)
61712	.71 GAL (2.7L)	92 GPH AT 45 PSI	350 LPH AT 3.0 BAR	125 PSI (8.5 BAR)
61713	.71 GAL (2.7L)	132 GPH AT 45 PSI	500 LPH AT 3.0 BAR	125 PSI (8.5 BAR)
61714	.71 GAL (2.7L)	158 GPH AT 45 PSI	600 LPH AT 3.0 BAR	125 PSI (8.5 BAR)

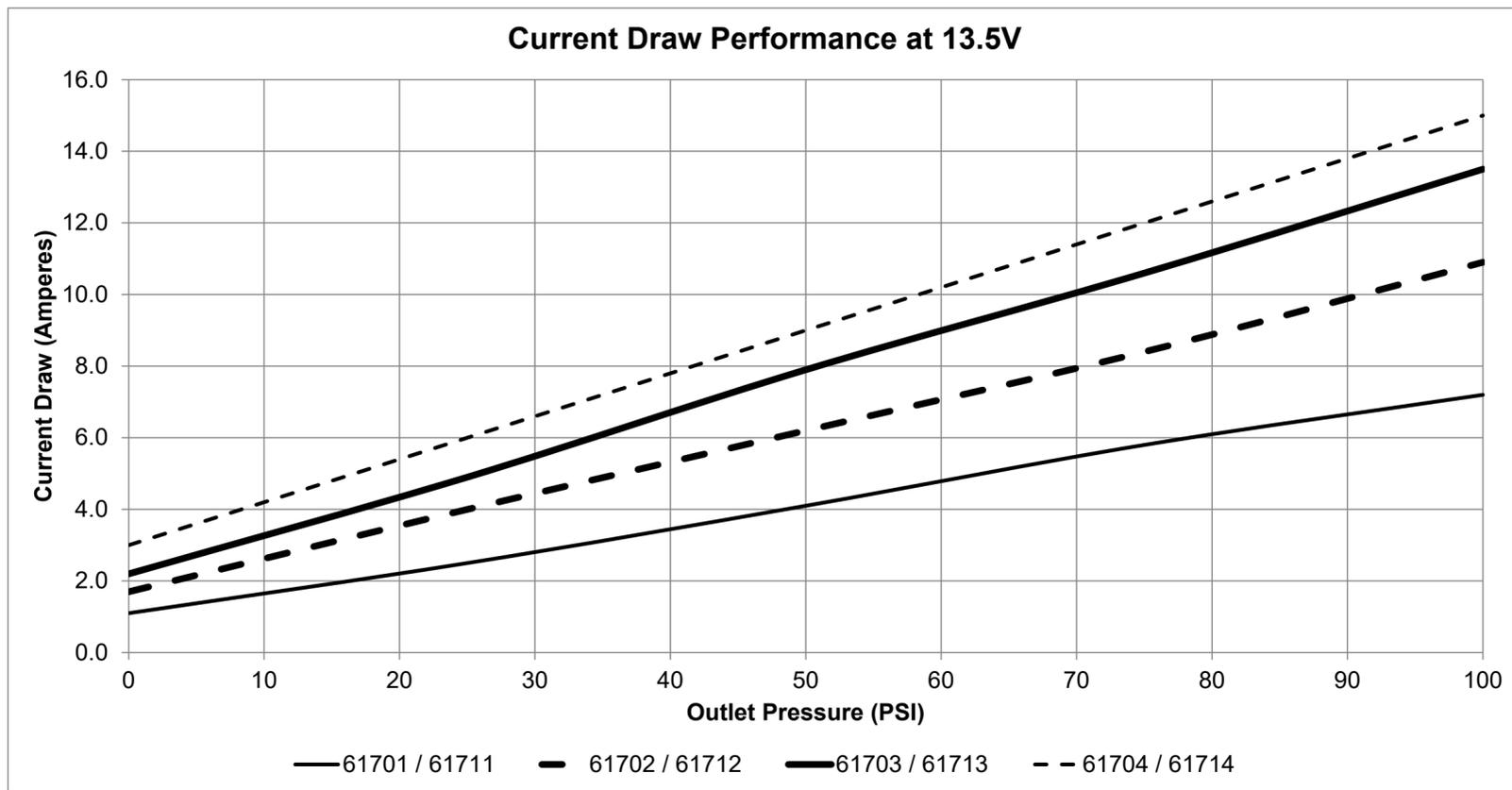
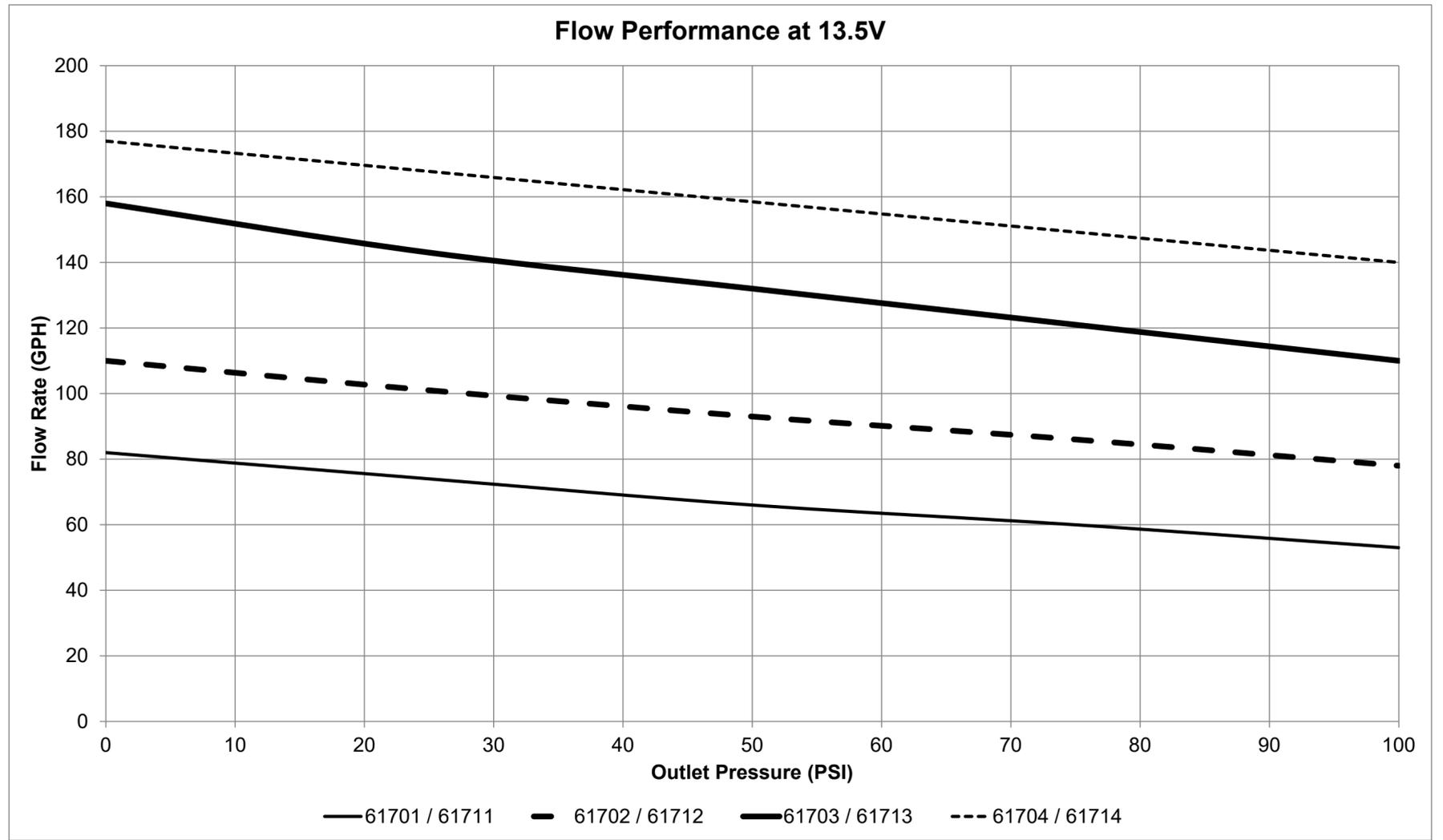


**MODELS 61711, 61712, 61713 AND 61714 ONLY SHOWN ABOVE**



**MODELS 61701, 61702, 61703 AND 61704 ONLY SHOWN ABOVE**

UNLESS OTHERWISE SPECIFIED: INTERPRET DWG PER ANSI Y14.5 DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ " ANGULAR: $\pm 1/2^\circ$ DECIMALS: X=1 .XX $\pm$ .03 .XXX $\pm$ .010 SURFACE FINISH $\sqrt{128}$ OR BETTER BREAK ALL SHARP EDGES .010 MAX REMOVE ALL BURRS		 COLLINSVILLE, ILLINOIS	
TITLE: <b>SYSTEM, FUEL SURGE TANK - SCREW PUMP</b>			
SIZE <b>C</b>	DWG. NO. <b>114020200</b>	REV <b>A</b>	
SCALE: 1/1		WEIGHT:	SHEET: 1 OF 2



UNLESS OTHERWISE SPECIFIED: INTERPRET DWG PER ANSI Y14.5 DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64" ANGULAR: ±1/2° DECIMALS: X±1 .XX±.03 .XXX±.010 SURFACE FINISH: 128 ✓ OR BETTER BREAK ALL SHARP EDGES .010 MAX. REMOVE ALL BURRS		<b>FUELAB</b> DIGITAL FUEL DELIVERY Collinsville, Illinois													
THIRD ANGLE PROJECTION															
<b>DO NOT SCALE DRAWING</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;">TITLE:</td> <td colspan="2" style="text-align: center;"><b>SYSTEM, FUEL SURGE TANK - SCREW PUMP</b></td> </tr> <tr> <td>SIZE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td style="text-align: center; font-size: 12px;"><b>C</b></td> <td style="text-align: center; font-size: 12px;"><b>114020200</b></td> <td style="text-align: center; font-size: 12px;"><b>A</b></td> </tr> <tr> <td>SCALE: 1/1</td> <td>WEIGHT:</td> <td>SHEET: 2 OF 2</td> </tr> </table>		TITLE:	<b>SYSTEM, FUEL SURGE TANK - SCREW PUMP</b>		SIZE	DWG. NO.	REV	<b>C</b>	<b>114020200</b>	<b>A</b>	SCALE: 1/1	WEIGHT:	SHEET: 2 OF 2
TITLE:	<b>SYSTEM, FUEL SURGE TANK - SCREW PUMP</b>														
SIZE	DWG. NO.	REV													
<b>C</b>	<b>114020200</b>	<b>A</b>													
SCALE: 1/1	WEIGHT:	SHEET: 2 OF 2													