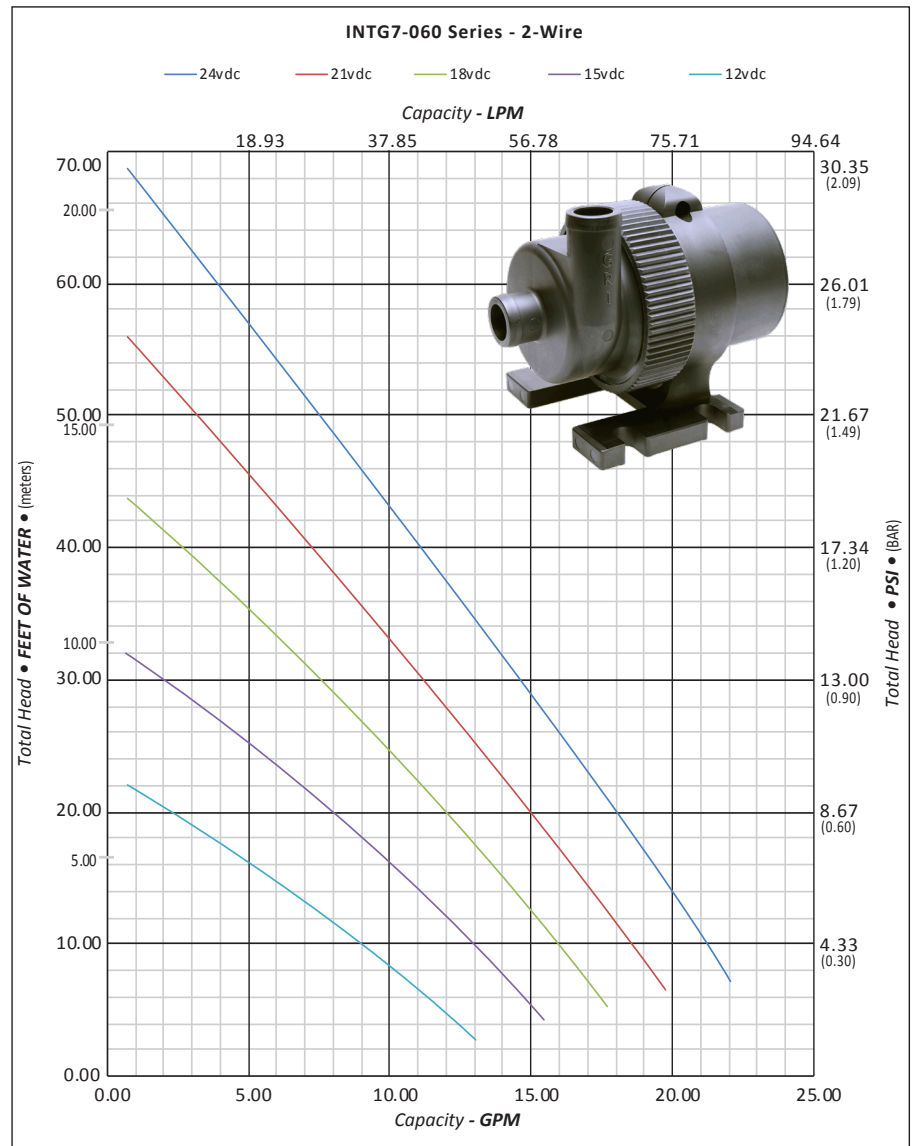


GRI specializes in the custom design and manufacturing of fluid pumps for the OEM market. The chart below is a general overview of GRI's **INTG7** Series Pumps. If you do not find a pump that meets your exact requirements, our dedicated Sales Team will work with you to create a solution specific to your application - whether it is customizing an existing pump or designing new.

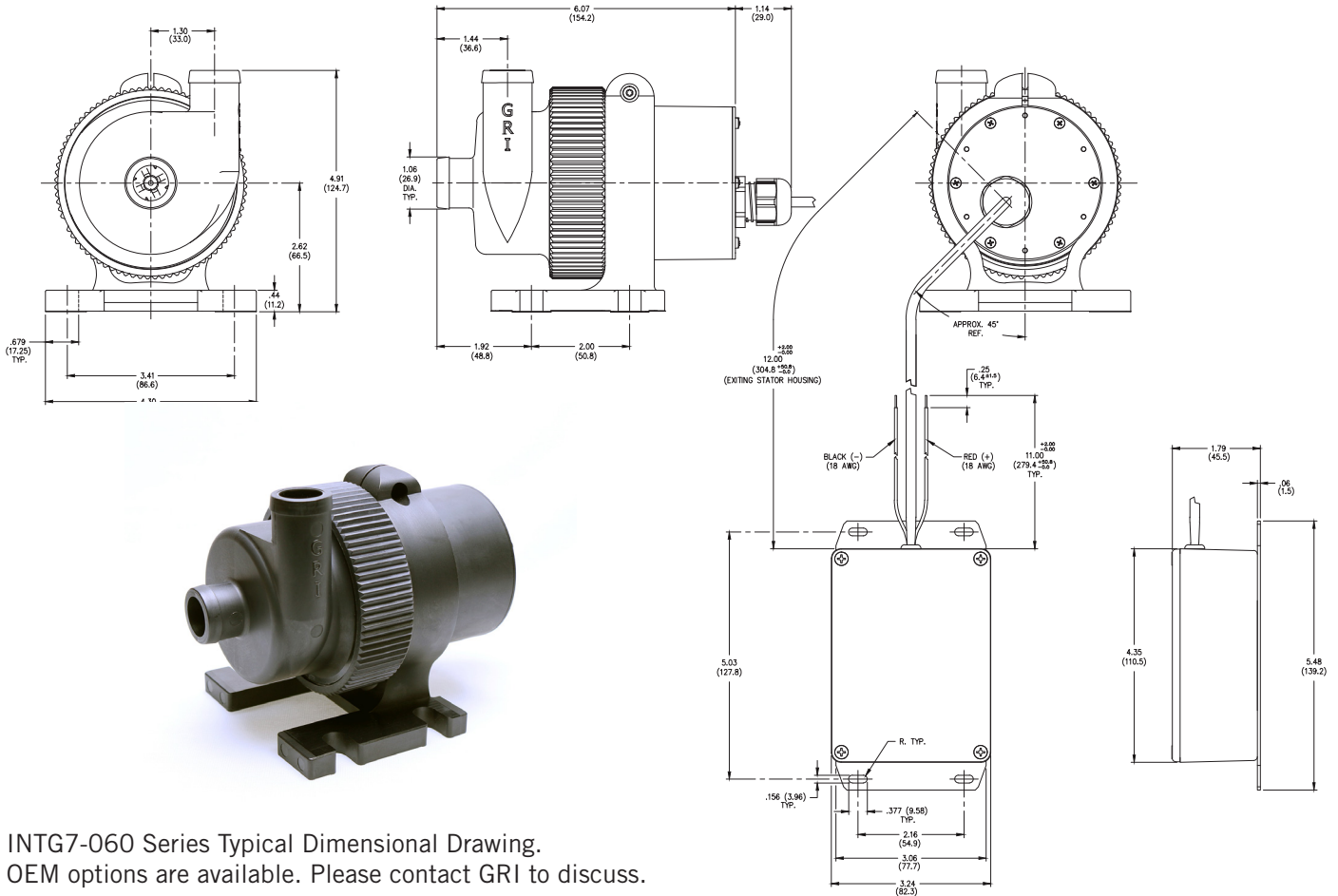
Series	Voltage	Max Flow GPM (LPM)	Max Head Ft (PSI) (m) (BAR)
INTG7 series	12-24	22.00 (83.3)	70.00 (30.3) (21.3) (2.09)

Specifications
<b>Max. Fluid Temp:</b> 203°F (95°C)
<b>Max Sys. Pressure:</b> 75 psi
<b>Approx. Weight:</b> 3.52 lbs (1596.645 grams)
<b>Ports:</b> 1" MHB
Materials in contact with solution
<b>Body:</b> PPS (Ryton®)
<b>Housing:</b> PPS (Ryton®)
<b>Impeller:</b> PPS (Ryton®)
<b>Pump Shaft:</b> Ceramic
<b>Static O-Ring:</b> EPDM, FKM (Viton)
Motor specifications
<b>Motor:</b> Integrated, Brushless DC
<b>Supply Voltage:</b> 12-24 VDC
<b>Electronics Max Power:</b> 300 Watts It is recommended that the customer provide circuit over current protection to the pump. <b>10 amp fast acting fuse</b> is recommended.
<b>Wiring Options</b>
<ul style="list-style-type: none"> <li>• <b>2-wire</b></li> <li>• <b>3-wire:</b> 0-5 volts (Reference DC NEG). Speed is controlled by a nominal 0-5 volt DC signal.</li> <li>• <b>Tachometer</b> feedback option available.</li> </ul>
Agency Approvals
Contact GRI
Compliances
RoHS 2 (2011/65/EC) REACH (SVHC)



Note: Testing performed in a controlled laboratory environment. Actual performance may vary (+) or (-) 10% from the information shown.

**Do Not Run Pumps Dry. Pumps must be in a continuous flooded suction environment.**



INTG7-060 Series Typical Dimensional Drawing.  
OEM options are available. Please contact GRI to discuss.

Model / O-Ring		Voltage	Wires	Max Flow GPM (LPM)	Max Head Ft. (PSI) (m) (BAR)	Ports Inches
EPDM	FKM					
INTG7-060	INTG7-061	12-24	2-wire	22.00 (83.3)	70.00 (30.3) (21.3) (2.09)	1" MHB
INTG7-062	INTG7-063	24	3-wire	22.00 (83.3)	70.00 (30.3) (21.3) (2.09)	1" MHB

**3-wire:** Attaching a 0-5vdc signal to the third (speed control) wire allows you to turn down and thus vary the performance of the pump as needed, given a fixed supply across the red and black wires.

**Connectors:** MHB = Male Hose Barb

**O-Ring Material:** EPDM = Ethylene Propylene Diene Monomer, FKM = Fluoroelastomer.

Note: Testing performed in a controlled laboratory environment. Actual performance may vary (+) or (-) 10% from the information shown. **Do Not Run Pumps Dry. Pumps must be in a continuous flooded suction environment.**

