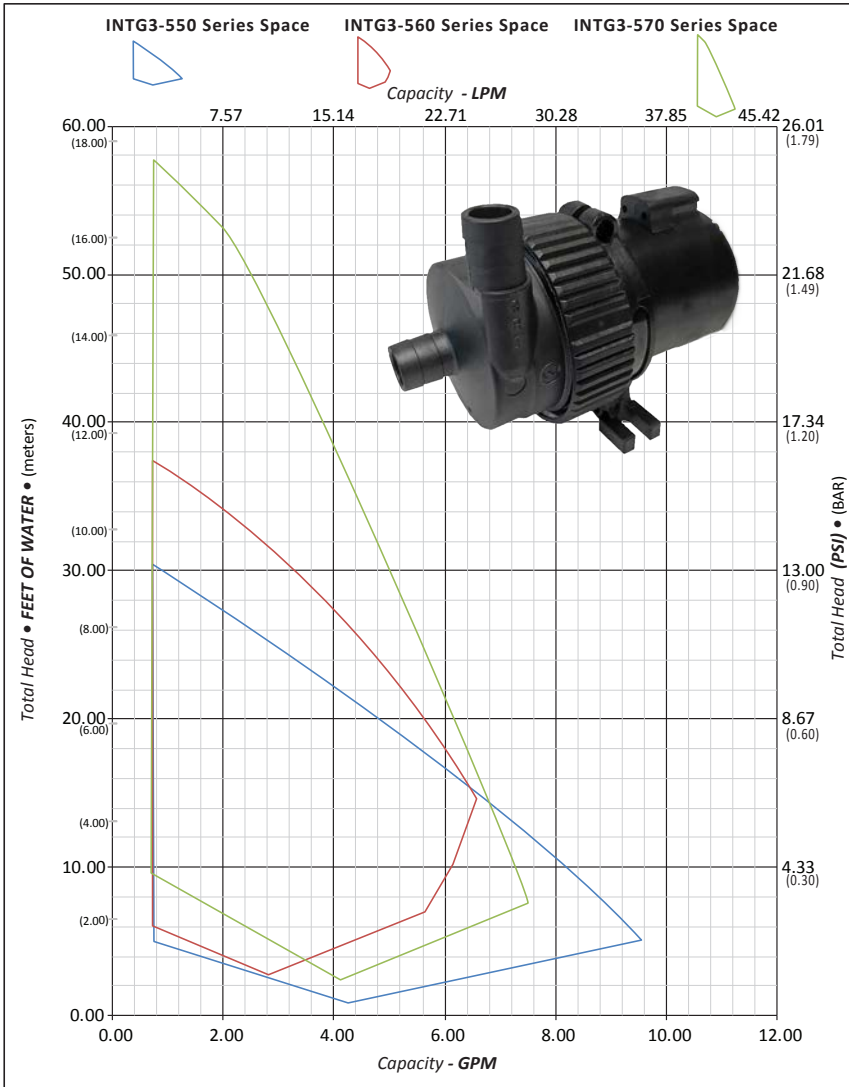


INTG3 Series	Voltage	Max Flow GPM (LPM)	Max Head Ft (PSI) (m) (BAR)
550 series	9-24	8.85 (33.5)	32.0 (13.9) (9.8) (0.96)
560 series	9-24	6.70 (25.4)	37.0 (16.0) (11.3) (1.10)
570 series	9-24	7.50 (28.4)	58.0 (25.1) (17.7) (1.73)



Specifications
Max. Fluid Temp: See Details Below
Max Sys. Pressure: 75 psi
Approx. Weight: .8 LBS (362.9 grams)
Ports: 1/2" MHB, 3/8" MPT OEM Customization Available

Materials in contact with solution	
Body: PPS (Ryton®)	Housing: PPS (Ryton®)
Impeller: PPS (Ryton®)	Pump Shaft: Ceramic
Static O-Ring: EPDM, FKM (Viton)	

Motor specifications
Motor: Integrated, Brushless DC
Supply Voltage: 9-24 VDC
Electronics Max Power: 60 Watts It is recommended that the customer provide circuit over current protection to the pump.
Wiring Options
<ul style="list-style-type: none"> • 2-wire • 3-wire: 0-5 volts (Reference DC NEG). Speed is controlled by a nominal 0-5 volt DC signal. • Tachometer feedback option available.

Agency Approvals
UL778: Motor-operated Water Pumps
NSF 61: Potable Water
NSF 372: Lead Content
Compliances
RoHS 2 (2011/65/EC)
REACH (SVHC)

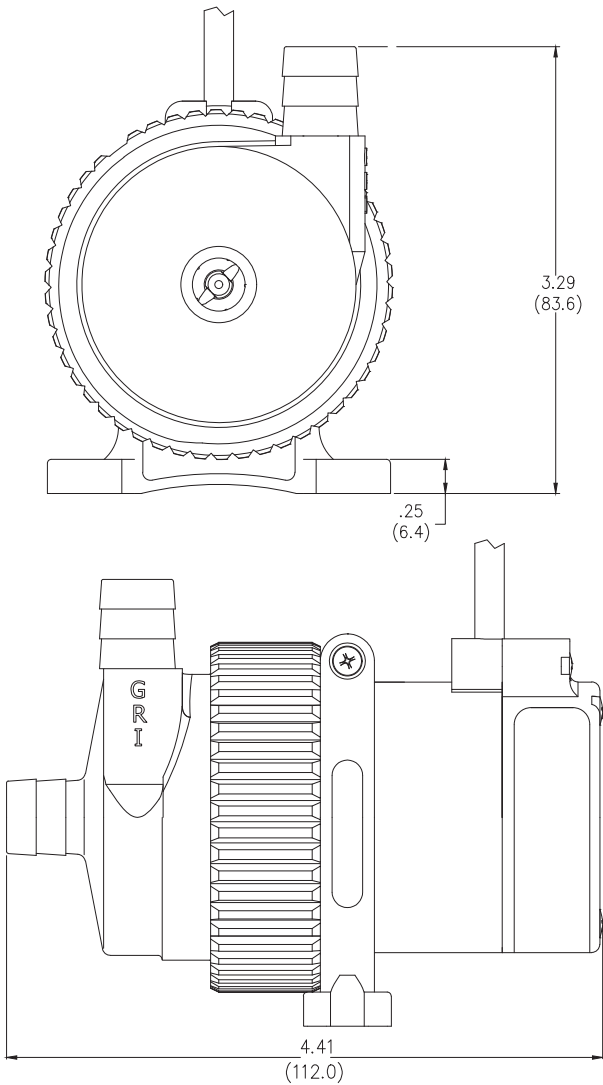
Note: Testing performed in a controlled laboratory environment. Actual performance may vary (+) or (-) 10% from the information shown.
Do Not Run Pumps Dry. Pumps must be in a continuous flooded suction environment.

Integrity Series Maximum Fluid Rating Chart	
Controller Position	Maximum Fluid Temperature Rating
Separate from pump	225° F (107° C)
Within pump's housing	149° F (65° C)

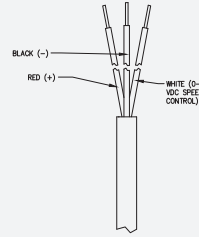
Various *factors influence the recommended maximum temperature rating. These factors play a role in determining the pump's life and applied warranties. In some applications, a higher maximum fluid temperature rating may be warranted.

*Factors influencing maximum temperature rating include, but are not limited to:

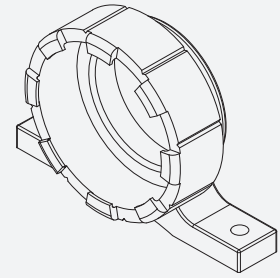
- Starting temperature of fluid in system
- Ambient Temperature
- Required performance, application's specifications
- Run time



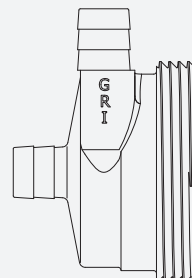
Base Model Options



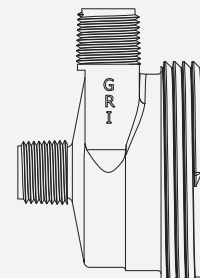
3-wire



Neoprene Rubber Base



1/2" MHB



3/8" MPT

INTG3 Series Typical Dimensional Drawing.
Many other OEM port options and configurations are available.
Please contact GRI to discuss.

Model / O-Ring		Voltage	Wires	Max Flow GPM (LPM)	Max Head Ft. (PSI) (m)	Ports Inches
EPDM	FKM					
INTG3-560	INTG3-561	9-24	2-wire	6.70 (25.4)	37.00 (16.0) (11.3)	1/2 MHB
INTG3-562	INTG3-563	9-24	3-wire			
INTG3-564	INTG3-565	9-24	2-wire	6.70 (25.4)	37.00 (16.0) (11.3)	3/8 MPT
INTG3-566	INTG3-567	9-24	3-wire			
INTG3-570	INTG3-571	9-24	2-wire	7.50 (28.4)	58.00 (25.1) (17.7)	1/2 MHB
INTG3-572	INTG3-573	9-24	3-wire			
INTG3-574	INTG3-575	9-24	2-wire	7.50 (28.4)	58.00 (25.1) (17.7)	3/8 MPT
INTG3-576	INTG3-577	9-24	3-wire			

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; MPT = Male Pipe Thread | **O-Ring Material:** EPDM = Ethylene Propylene Diene Monomer, FKM = Fluoroelastomer.

Integrity Series Pumps are designed specifically for OEM customization. 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 a base model or designing new.