

**Specifications**

**Max. Fluid Temp:** 203°F (95°C)

**Max Sys. Pressure:** 75 psi

**Weight:** 12.8 oz (362.9 grams)

**Ports:** 1/2", 3/4" MHB, 3/8" MPT

**Flow Rates: H2O**

**Max Flow:** 7.79 GPM, 29.47 LPM

**Max Head:** 54.38 FT, 23.58 PSI

Flow and pressure dependent on input voltage

**Materials in contact with solution**

**Body:** PPS (Ryton®)

**Impeller:** PPS (Ryton®)

**Pump Shaft:** Ceramic

**Bearing:** Ceramic

**Bearing Plate:** PPS (Ryton®)

**Housing:** PPS (Ryton®)

**Rotor Shell:** PPS (Ryton®)

**Static O-Ring:** EPDM, FKM (Viton)

**Motor specifications**

**Motor:** Integrated, Brushless DC

**Supply Voltage:** 9-24 VDC

It is recommended that the customer provide circuit over current protection to the pump.

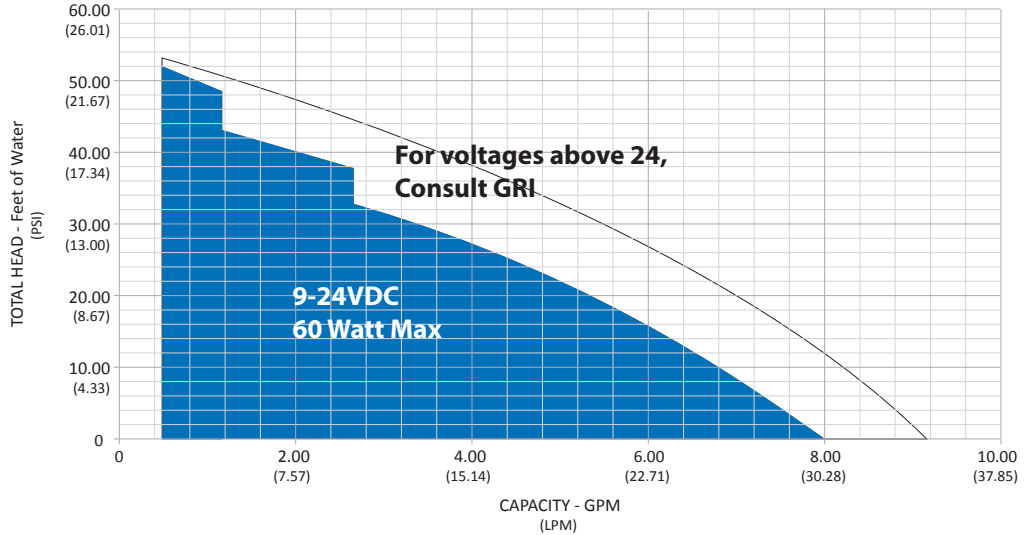
**Electronics Max Power:** 60 watt.

**5 amp fast acting fuse** is recommended.

**Optional - Consult Factory**

- **Remote Speed Control:** Third Wire: 0-5 volts (Reference DC NEG). Speed is controlled by a nominal 0-5 volt DC signal.

- **Tachometer** feedback option available.



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.**

The above curve is an all inclusive overview of the INTG3 Series catalog models represented on this tech sheet. Gorman-Rupp Industries designs and manufactures pumps and pumping solutions for the Original Equipment Manufacturer (OEM). All models shown can be configured to meet specific OEM application requirements. Contact GRI for design points that fall outside of shown parameters.

**Agency Approvals**

**UL778:** Motor-operated Water Pumps  
**NSF 61:** Potable Water  
**NSF 372:** Lead Content  
**NSF 169:** Special Purpose Food Equipment and Devices (INTG1 Series Option Available)

**Compliances**

RoHS 2 (2011/65/EC)  
 REACH (SVHC)

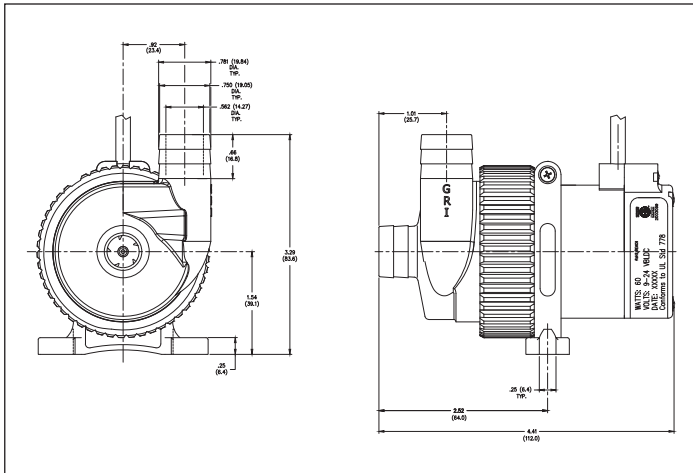
**Mounting Base Options**

360° Mounting Bracket: PPS material

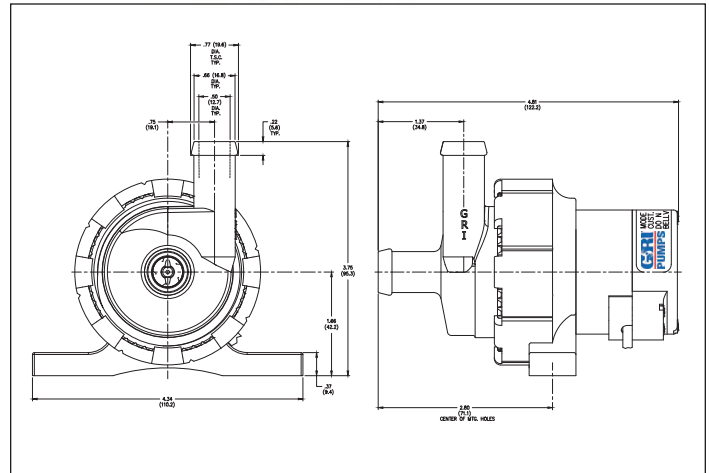
Rubberized shock absorbing: Elastomer material (Neoprene)



*The Pump People.*



**Standard Hose Barbed Ports**



**Transportation Ports & Rubber Bracket**

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

Model	Voltage / Lead Wires	Max Watts	Max Amps @ Max Flow	Max Flow GPM (LPM)	Max Head Feet (PSI)	Connections Inlet/Outlet (Inches)	O-Ring Material
INTG3-550, 551	9-24 VDC / 2-wire	60	2.15	7.79 (29.47)	30.22 (13.10)	3/4 MHB	EPDM, FKM
INTG3-552, 553	24 VDC / 3-wire	60	1.99	7.89 (29.88)	29.11 (12.62)	3/4 MHB	EPDM, FKM
INTG3-560, 561	9-24 VDC / 2-wire	60	2.19	6.73 (25.46)	39.42 (17.09)	1/2 MHB	EPDM, FKM
INTG3-562, 563	24 VDC / 3-wire	60	2.07	6.73 (25.46)	39.83 (17.27)	1/2 MHB	EPDM, FKM
INTG3-564, 565	9-24 VDC / 2-wire	60	2.19	6.73 (25.46)	39.42 (17.09)	3/8 MPT	EPDM, FKM
INTG3-566, 567	24 VDC / 3-wire	60	2.07	6.73 (25.46)	39.83 (17.27)	3/8 MPT	EPDM, FKM
INTG3-570, 571	9-24 VDC / 2-wire	60	2.88	6.41 (24.27)	53.54 (23.21)	1/2 MHB	EPDM, FKM
INTG3-572, 573	24 VDC / 3-wire	60	3.18	7.49 (28.34)	54.38 (23.58)	1/2 MHB	EPDM, FKM
INTG3-574, 575	9-24 VDC / 2-wire	60	2.88	6.41 (24.27)	53.54 (23.21)	3/8 MPT	EPDM, FKM
INTG3-576, 577	24 VDC / 3-wire	60	3.18	7.49 (28.34)	54.38 (23.58)	3/8 MPT	EPDM, FKM

**3-Wire:** Three wires are required when the pump speed is controlled by a nominal 0-5v DC signal. This is done through a control panel such as a computer or other control devices that is connected to the pump via the third wire. The 0-5v signal controls the speed of the pump, not the voltage supplied to the pump.

**2-wire:** Two wires provide voltage to the pump. Speed of the pump can be changed by increasing or decreasing the voltage supplied.

**Connectors:** MHB = Male Hose Barb; MPT = Male Pipe Thread

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

**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.**

