

YZ



# RAMPARTS® Series Air Driven Diaphragm Pump

## Model 40P

### Size 4" x 4"

#### PUMP SPECIFICATIONS

**Size:** 4" x 4" (102 mm x 102 mm) - ASA 125# Flanges. Handles up to 1-1/8" (28,5 mm) Diameter Spherical Solids (Limited by Check Valve).

**Pump Castings:** Ductile Iron; Unlined or Lined.

**Optional Linings\*:** Chlorosulfonated Polyethylene (Hypalon® or Equivalent); Chloroprene (Neoprene® or Equivalent); Ethylene Propylene Diene Monomer (Nordel® or Equivalent); Fluorocarbon (Viton® or Equivalent) Nitrile (Buna-N).

**Diaphragm/Gaskets\*:** Chlorosulfonated Polyethylene (Hypalon® or Equivalent); Chloroprene (Neoprene® or Equivalent); Ethylene Propylene Diene Monomer (Nordel® or Equivalent); Nitrile (Buna-N); Dura-XL (TPE w/an Olefinic Base); Dura-S (TPE w/a Polyamide [Nylon® or Equivalent] Base).

**Air Cylinder:** Steel Casing; Ductile Iron Piston; Glass-Filled Fluoro Plastic (Teflon® or Equivalent) Piston Seals; Chrome Plated Shaft and Tube; Polyamide (Duralon® or Equivalent) Rod Bearing; Pressure-Activated Polyurethane Shaft Seal; Stroke Indicator Rod.

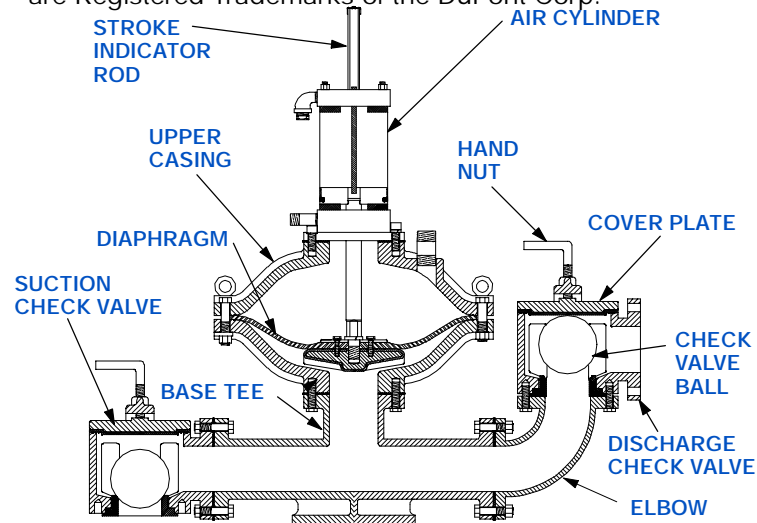
**Check Valves:** Ball Type, 90° Quick Opening, Unlined or Lined With The Same Materials As Shown Above For Pump Castings.

**Check Valve Balls:** Available In The Same Materials As Shown Above For Pump Casting Linings, As Well As Fluoro Plastic (Teflon® or Equivalent) and Urethane.

**Check Valve Seats:** Available In The Same Materials As Shown Above For Diaphragms and Gaskets, As Well As Steel and Stainless Steel.

\* Other Materials Available Upon Request.

Duralon, Hypalon, Neoprene, Nordel, Nylon, Teflon and Viton are Registered Trademarks of the DuPont Corp.



#### RECOMMENDED PERFORMANCE RANGE

0-30 Strokes per Minute.

0-145 GPM (0,0-9,1 Liters per Second).

20-150 Feet (6,1-45,7 Meters) Discharge Head.

Maximum Suction Lift 20 Feet (6,1 Meters).

**Consult The Performance Curve For Performance Maximums.**

#### PUMP OPTIONS

Pulsation Stabilizers or Air Chambers; Stabilizer/Chamber Mounting Tees; Suction Elbow; Pump Stands with or Without Casters; Diaphragm Failure Detection; Flap Check Valves (Up to 2" [50,1 mm] solids).

#### CONTROL OPTIONS\*\*

**Control Panels:** Nema 4X Fiberglass Enclosure; Dual Pressure Adjustments; Solid State/Digital; 115 Volt. Consult the Factory for Available Control Panels.

**Air Controls:** External to Pump; Easily Serviced; Replaceable Filter and Muffler Element.

\*\* Pump Warranty Void If Not Operated With Gorman-Rupp or Gorman-Rupp-Approved Control.



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Specifications Subject to Change Without Notice

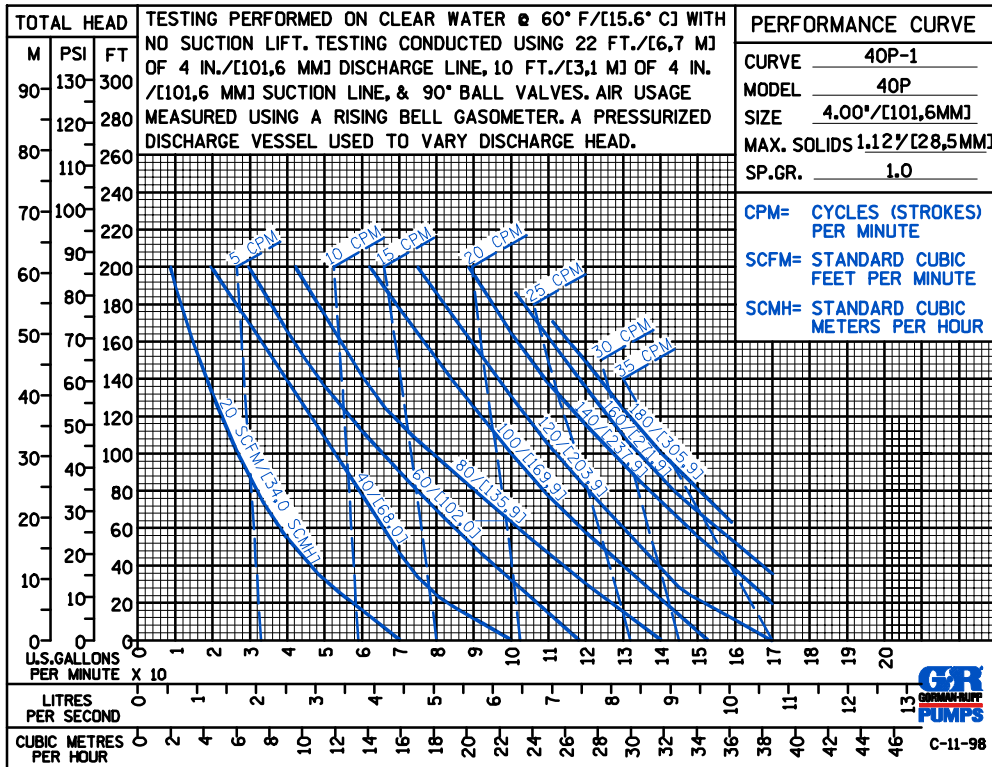
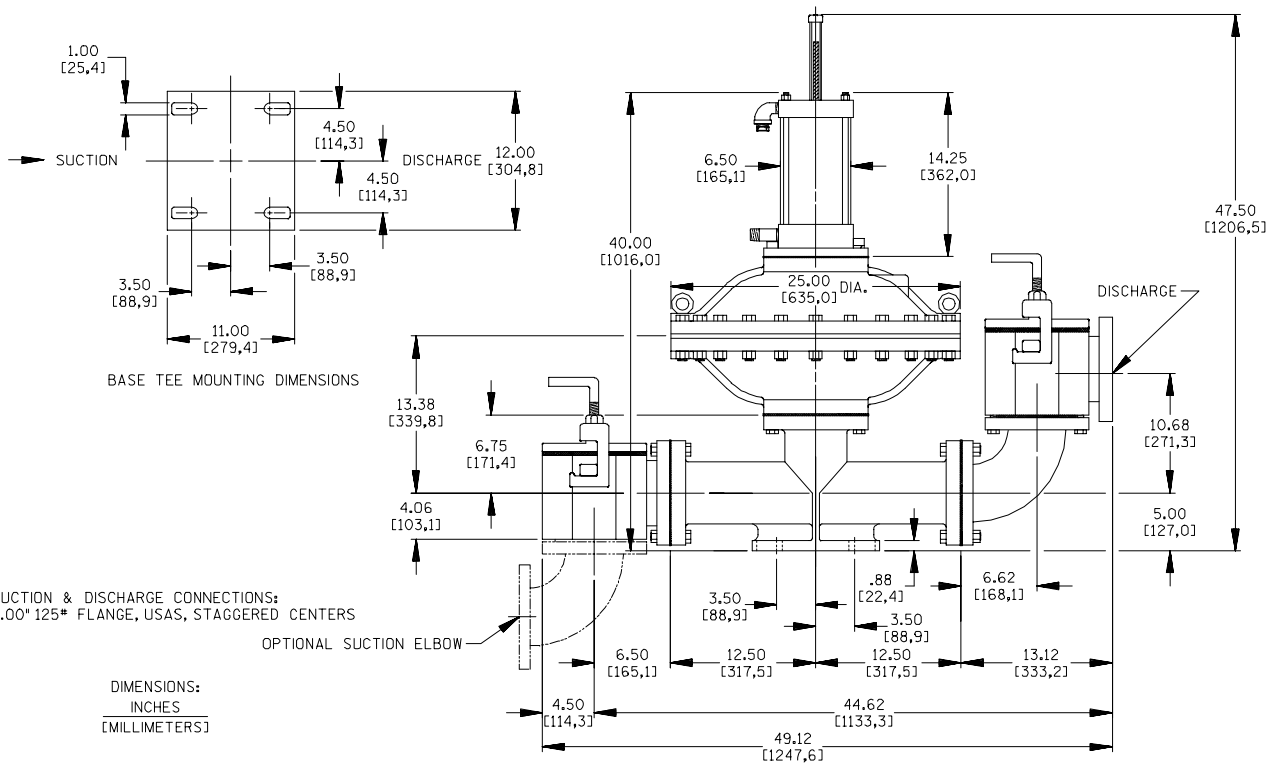
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**Specification Data**

APPROXIMATE  
DIMENSIONS and WEIGHTS

NET WEIGHT: 745 LBS. (338 KG.)  
SHIPPING WEIGHT: 925 LBS. (420 KG.)  
EXPORT CRATE: 30,6 CU. FT. (0,87 CU. M.)

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