

**Corrosion**

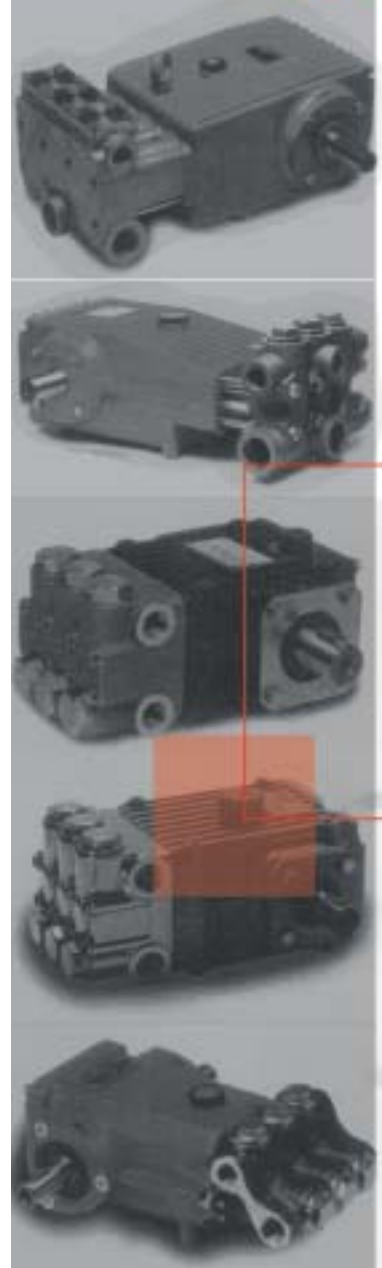
# Resistant

- Drinking Water ☒
- Water for Dialysis ☐
- Dump Site Leakage Water ☒
- Industrial Waste Water ☐
- Beverages ☒
- Reverse Osmosis ☐
- Desalination ☒
- Dionized Water and many other applications ☐

## Commercial & Industrial Pumps

PERFORMANCE  
**UNDER  
PRESSURE**

**GIANT**



# Corrosion Resistant Pumps



## [Machined to Perfection]

High pressure water use continues to expand into emerging markets. Your growth depends on providing a quality product with the engineering to withstand the harshest conditions. With a German/American background, Giant's corrosion resistant line pumps not only meets your needs, but they provide solutions that help your company grow.

## What's Unique about Giant's pumps?

The gear end of Giant's industrial pumps have been built to last for thousands of hours of operation. Giant continues to service pumps that have been in the field for over twenty years. For deep-forged (not aluminum) crankshafts (instead of machined barstock) to bronze connecting rods and high polish finish on solid ceramic plungers, Giant's pumps help assure years of smooth operation and less wear on fluid end components.





# Built to last for the reverse osmosis market

## Why Giant's Fluid End lasts so long?

It's important that you're not always changing fluid end components in the field. That's why the internal fluid end parts are constructed of 316 duplex stainless steel; and the elastomers are manufactured to provide you with the most dependable and longest lasting fluid end life in the industry. Depending on conditions, Giant's fluid end may be constructed of aluminum-bronze-nickel, 303 or 316 stainless steel, duplex steel or titanium.

## Why Giant?

Take a look at the pumps on the following pages. Anyone can supply flow and pressure. We want your experience with reverse osmosis pumps to be rewarding for you. You will know you've made the right choice with a Giant pump.

Thank you for your interest.  
Your Giant Team.

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# Aluminum-Bronze-Nickle Manifolds with 316 Stainless Steel Internal Wet End Metal Parts



## **P230A-3100**

1.1 GPM @ 2000 PSI@1750 RPM-2.8 BHP

## **P221AR-3100**

2.3 GPM @ 2320 PSI@1750 RPM-3.2 BHP

## **P217A-3100**

## **P218A-3100**

3.4 GPM @ 2320 PSI@3450 RPM (P217A-3100)-4.7 BHP

3.4 GPM @ 2320 PSI@1750 RPM (P218A-3100)-4.7 BHP

## **P219A-3100**

4.2 GPM @ 2320 PSI@1750 RPM-5.8 BHP

## **P220A-3100**

4.7 GPM @ 2000 PSI@1750 RPM-6.4 BHP



## **P420A-3100**

13.0 GPM @ 1740 PSI@1450 RPM-15.2 BHP

## **P450A-3100**

5.5 GPM @ 5000 PSI@1450 RPM-19.0 BHP



## **MP4130-3100**

15.2 GPM @ 1900 PSI@1085 RPM-20.0 BHP



**LP122A-3100**

**35.0 GPM @ 1300 PSI @ 800 RPM - 31.6 BHP**



**GP6145-3100**

**46.2 GPM @ 1740 PSI @ 800 RPM - 55.8 BHP**



**GP7155A-3100**

**66.0 GPM @ 1500 PSI @ 700 RPM - 70.5 BHP**

## 316 S.S. Manifolds with 316 Stainless Steel Internal Wet End Metal Parts



### **P230A-5100**

1.1 GPM @ 2000 PSI@1750 RPM-2.8 BHP

### **P221A-5100**

2.3 GPM @ 2000 PSI@1750 RPM-3.8 BHP

### **P217A-5100**

### **P218A-5100**

3.4 GPM @ 2320 PSI@3450 RPM-5.9 BHP

### **P219A-5100**

4.2 GPM @ 2320 PSI@1750 RPM-7.2 BHP

### **P220A-5100**

4.7 GPM @ 2000 PSI@1750 RPM-6.4 BHP



### **P450-5100**

5.5 GPM @ 5000 PSI@1450 RPM-19 BHP

### **P422-5100**

10 GPM @ 2200 PSI@1450 RPM-15.2 BHP

### **P420A-5100**

13.0 GPM @ 1700 PSI@1450 RPM-15.2 BHP



### **P55-5100**

4.9 GPM @ 2320 PSI@1420 RPM-7.8 BHP

### **P56-5100**

6.1 GPM @ 2320 PSI@1420 RPM-6.1 BHP

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**LP600-5100**

9.8 GPM @ 6000 PSI@1000 RPM-40.6 BHP

**LP301A-5100**

14.2 GPM @ 4000 PSI@1000 RPM-39.2 BHP



**LP121A-5100**

32.5 GPM @ 1740 PSI@1000 RPM-39 BHP

**LP250A-5100**

26 GPM @ 2200 PSI@1000 RPM-39.4 BHP



**GP7142-5100**

38.4 GPM @ 2600 PSI@700 RPM-68.9 BHP

**GP5136-5100**

33.8 GPM @ 2300 PSI@910 RPM-53.6 BHP

**GP5145-5100**

43.3 GPM @ 1500 PSI@750 RPM-44.8 BHP



**GP7155-5100**

66.0 GPM @ 1500 PSI@700 RPM-66 BHP

**GP7170-6100**

84.5 GPM @ 1000 PSI@560 RPM-58.3 BHP

## ACCESSORIES

### Regulators



#### 22096-5000

Flow: 21 GPM (79 LPM)  
Pressure: 5800 PSI (400 bar)  
Temp: 160F (70C)  
Inlet Port: 1/2" FNPT  
Outlet Port: 1/2" FNPT  
Bypass: 1/2" FNPT



#### 22971CR-50

Flow: 35.7 GPM (135 LPM)  
Pressure: 1740 PSI (120 bar)  
Temp: 160F (71C)  
Inlet Port: 3/4" FNPT  
Outlet Port: 3/4" FNPT  
Bypass: 3/4" FNPT



#### 22950

Flow: 16 GPM (4.2 LPM)  
Pressure: 5800 PSI (400 bar)  
Temp: 160F (70C)

#### 22949

Flow: 32 GPM (121 LPM)  
Pressure: 3200 PSI (220 bar)  
Temp: 160F (70C)

#### 22948

Flow: 60 GPM (227 LPM)  
Pressure: 1600 PSI (110 bar)  
Temp: 160F (70C)

### Pulsation Dampners



#### 22050A-5100

13 GPM @2700 PSI  
1/2" MNPT Inlet

#### 22155-5100

30 GPM @2700 PSI  
3/4" MNPT Inlet

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**UNDER  
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