

CLEAR LIQUIDS



PIONEER PUMP, INC.



*Pride in Performance*

# High Performance Pumps, Quality People, Quality Service.....Pioneer Pump!

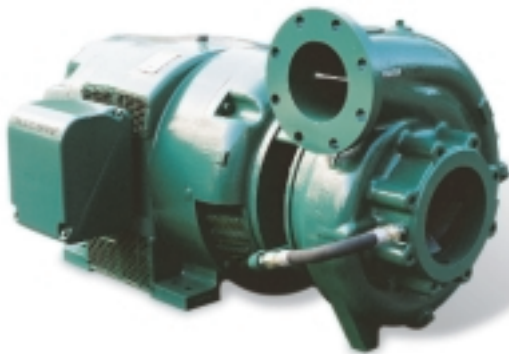
## When pumps are required to Perform, Pioneer Pumps stand up to the challenge.

Since Pioneer Pumps inception in 1998, we maintain that business should be fun. To that end, we strive to identify suppliers and distributors who have the same philosophy. We recently designed twenty-two clear liquids pumps to serve new markets that will help expand our presence. As in the past we are looking for good distributors to offer this new line of exceptional equipment.



*The Pioneer sales team from left to right; Jeff Weekly, Bill Barrett, Gary Olin, Jerry Turner, and Don Knowles (not pictured).*

*Pioneer's Hi-Performance model SC86C14-150-4*



Pioneer Pump is a leading edge manufacturing company specializing in high performance and premium quality centrifugal pumps. All of our pump designs and pattern equipment are less than four years old, which allows us to utilize all of the new technology and materials to offer a superior product. These offerings include vacuum assisted, standard centrifugal, self-priming,

hydraulic submersible and well-pointing pumps.

Our quality and service make Pioneer a recognized leader in the centrifugal pump market. Our management team and personnel are well aware that they are here to serve you, our customer. When selecting a quality pump there is only one choice—Pioneer Pump! We recognize we aren't just selling you a pump, but our company.

Our team understands that stock is imperative in supporting our customers. To support our initial introduction of this new offering, we stock over 1,000 pumps.



*Shown are some of the more than 1,000 pumps included in Pioneer's inventory to serve our customer's needs.*

*"...the judges were very impressed by the way Pioneer had systematically worked through the pump and improved the design, longevity and performance."*

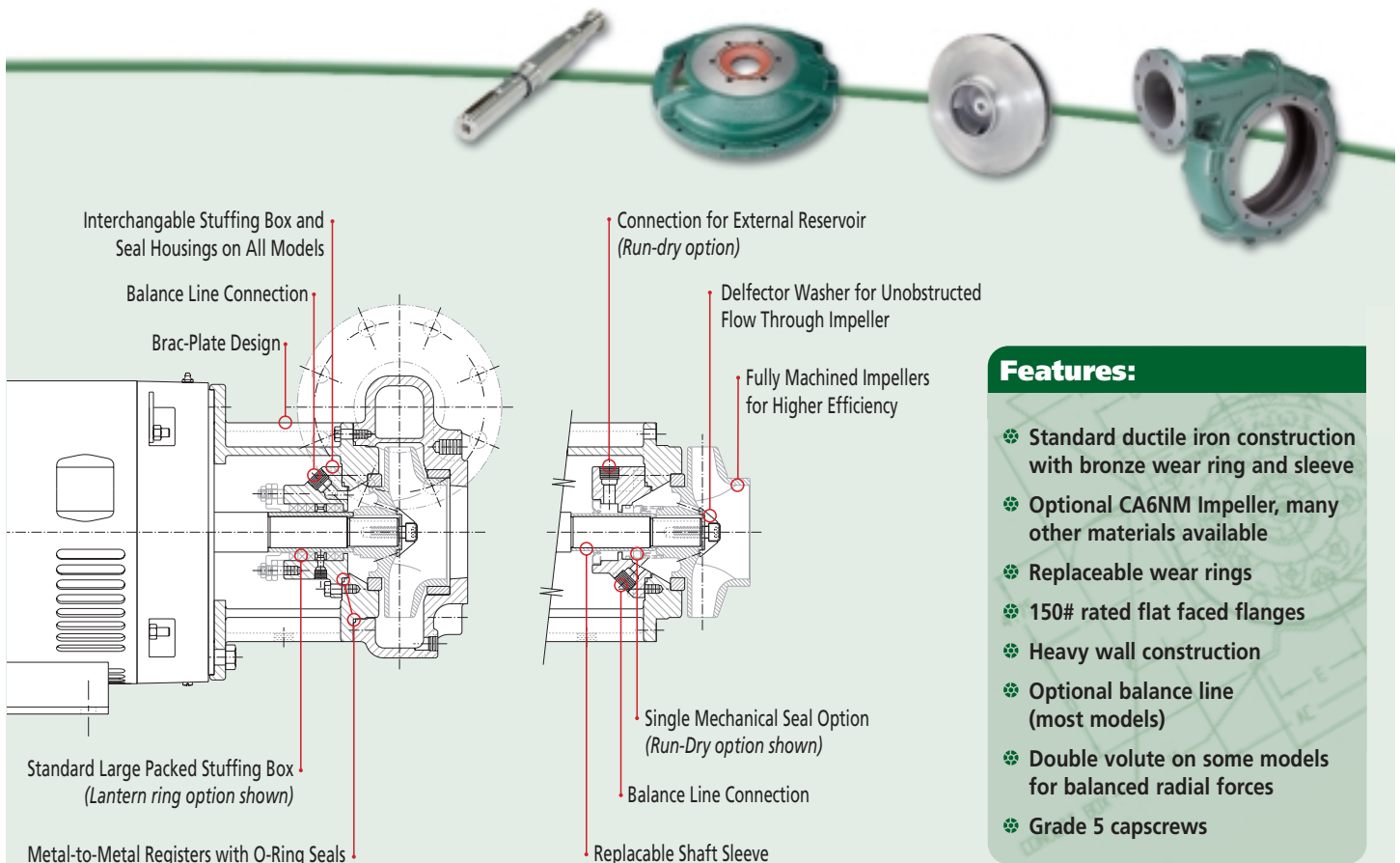
– SED Awards, Judges Assessment

## A competitive edge through current technology

By incorporating current machine technology into our new hydraulic designs and patterns we have allowed for various shrink rates of special alloys, enabling us to be more competitive. Most of the new line of equipment comes standard with ductile iron pump materials and we have nominal adders for CA6NM Stainless Impellers. All of the designs were built with modular construction, which allows for versatility in assembly configurations and sealing technology.



*Pioneer's machine shop enhances productivity while maintaining quality.*



### Features:

- ❖ Standard ductile iron construction with bronze wear ring and sleeve
- ❖ Optional CA6NM Impeller, many other materials available
- ❖ Replaceable wear rings
- ❖ 150# rated flat faced flanges
- ❖ Heavy wall construction
- ❖ Optional balance line (most models)
- ❖ Double volute on some models for balanced radial forces
- ❖ Grade 5 capscrews



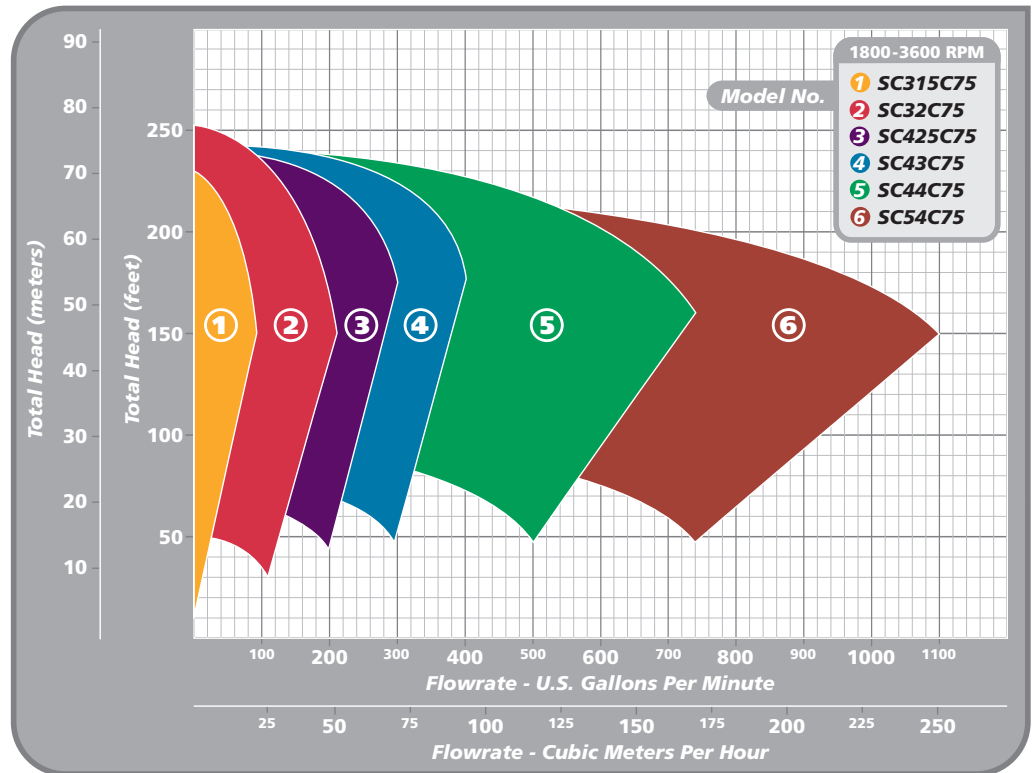
# Pioneer Pump | C75SERIES

## Suction Characteristics:

We challenge you

to compare

Pioneer's **NPSHR**



## C75Series | Standard Materials of Construction

PIONEER CLEAR LIQUIDS PUMPS

Part Description	Volute	Impeller	Brac-plate	Stuffing Boxes	Shaft Sleeve	Wear Ring/ Wear Rings	Back Pullout	Balance Line Optional	Run-Dry Sealing Optional	Double Volute	Suction Cover Design	Stainless Impeller Optional
1 SC315C75	DI	DI	DI	DI	BRZ	BRZ	Yes	No	Yes	No	No	Stocked
2 SC32C75	DI	DI	DI	DI	BRZ	BRZ	Yes	No	Yes	No	No	Stocked
3 SC425C75	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
4 SC43C75	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
5 SC44C75	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
6 SC54C75	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked

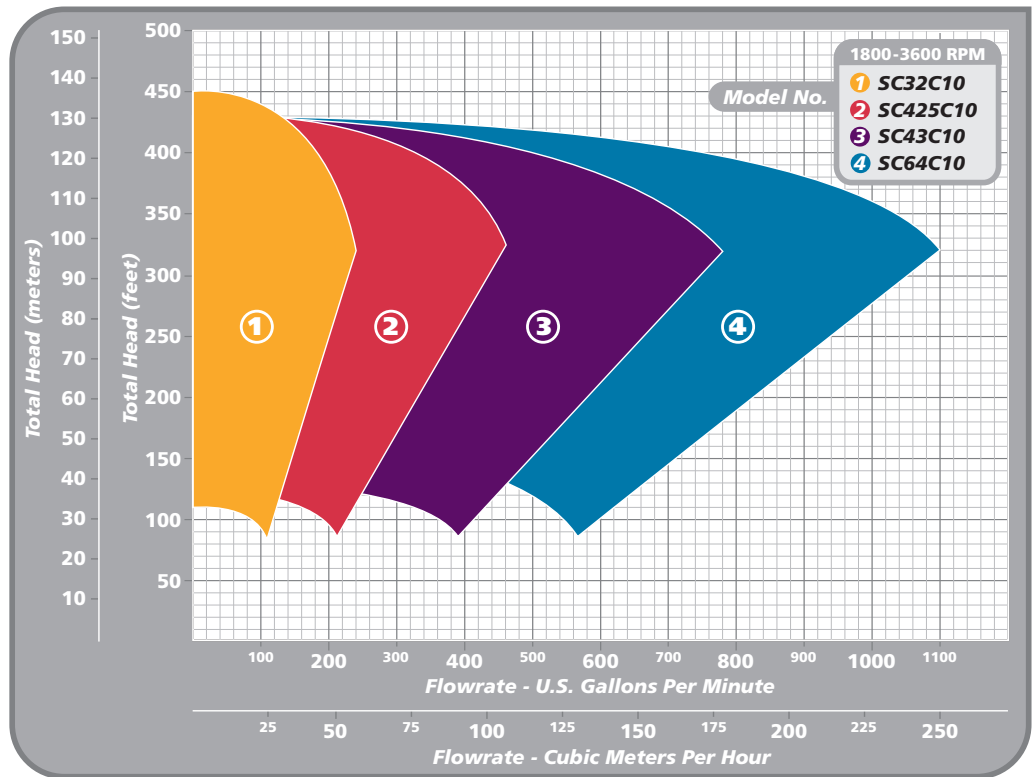
**MATERIAL CODES** - **CI**: Cast Iron, ASTM A48 Class 30 | **DI**: Ductile Iron, 65-45-12 | **BRZ**: SAE 660 | **Frame Shaft**: Stressproof,® AISI 1144 modified  
**Mech. Seal**: Silicon Seal Faces, Viton Elastomers, 316 Stainless Steel Hardware



# Pioneer Pump | C10SERIES

## Power Requirements:

We challenge you  
to compare Pioneer's  
**High Efficiency**



## C10Series | Standard Materials of Construction

PIONEER CLEAR LIQUIDS PUMPS

Part Description	Volute	Impeller	Brac-plate	Stuffing Boxes	Shaft Sleeve	Wear Ring/ Wear Rings	Back PULLOUT	Balance Line Optional	Run-Dry Sealing Optional	Double volute	Suction Cover Design	Stainless Impeller Optional
1 SC32C10	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
2 SC425C10	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
3 SC43C10	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
4 SC64C10	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
NS SC86C95	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
NS SC86C10	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked

**MATERIAL CODES** - **CI**: Cast Iron, ASTM A48 Class 30 | **DI**: Ductile Iron, 65-45-12 | **BRZ**: SAE 660 | **Frame Shaft**: Stressproof,® AISI 1144 modified  
**Mech. Seal**: Silicon Seal Faces, Viton Elastomers, 316 Stainless Steel Hardware

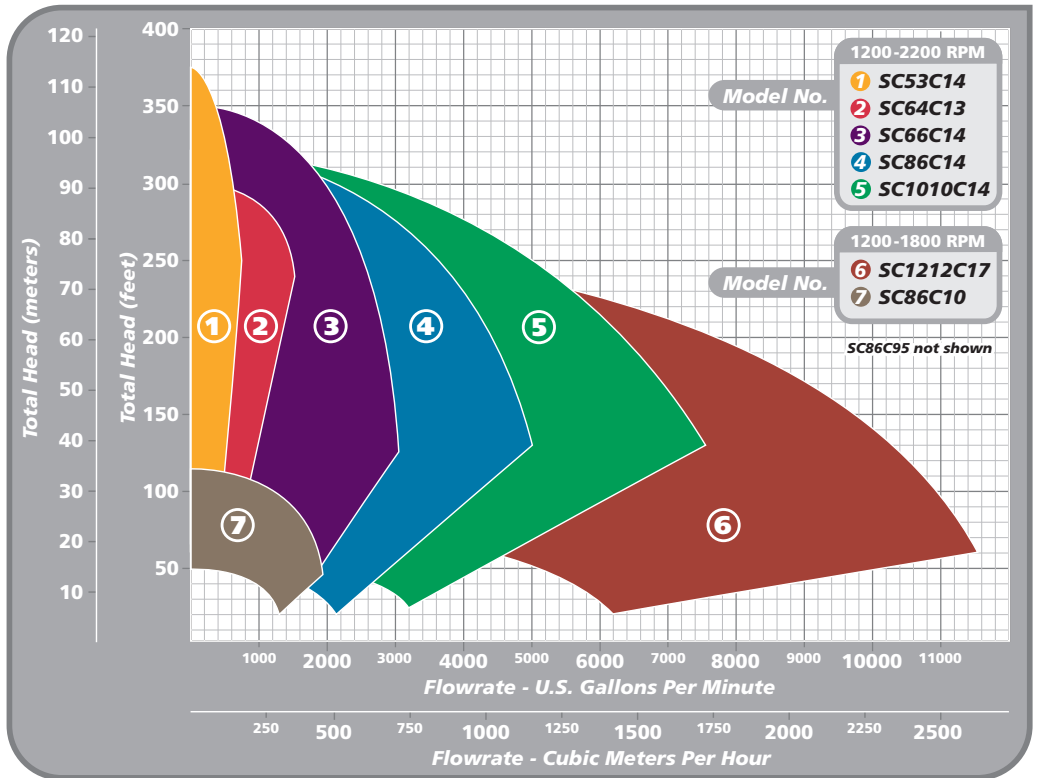


# Pioneer Pump | C14SERIES

## Performance:

We challenge you  
to compare

Pioneer's *Hydraulics*



## C14Series | Standard Materials of Construction

PIONEER CLEAR LIQUIDS PUMPS

Part Description	Volute	Impeller	Brac-plate	Stuffing Boxes	Shaft Sleeve	Wear Ring/ Wear Rings	Back Pullout	Balance Line Optional	Run-Dry Sealing Optional	Double Volute	Suction Cover Design	Stainless Impeller Optional
1 SC53C14	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
2 SC64C13	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
3 SC66C14	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	No	No	Stocked
4 SC86C14	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	Yes	No	Stocked
5 SC1010C14	DI	DI	DI	DI	BRZ	BRZ	Yes	Yes	Yes	Yes	No	Stocked

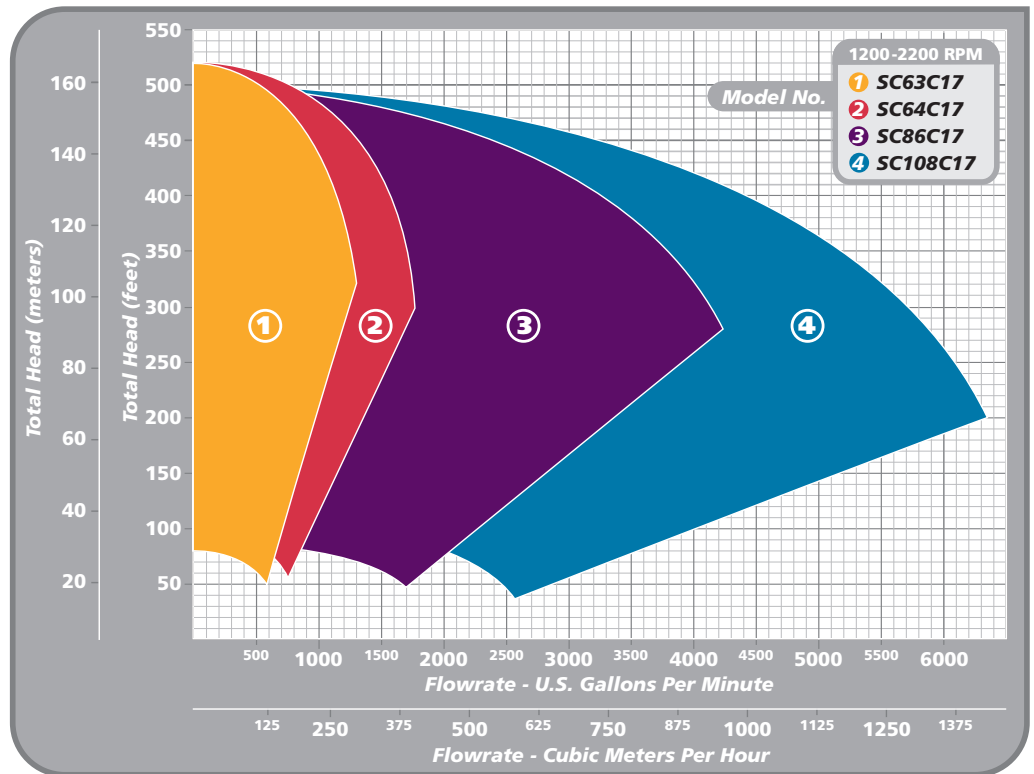
**MATERIAL CODES** - **CI**: Cast Iron, ASTM A48 Class 30 | **DI**: Ductile Iron, 65-45-12 | **BRZ**: SAE 660 | **Frame Shaft**: Stressproof,® AISI 1144 modified  
**Mech. Seal**: Silicon Seal Faces, Viton Elastomers, 316 Stainless Steel Hardware



# Pioneer Pump | C17SERIES

## Durability:

We challenge you to  
compare Pioneer's  
**Robust Design and  
Materials of  
Construction**



## C17Series | Standard Materials of Construction

Part Description	Volute	Impeller	Brac-plate	Stuffing Boxes	Shaft Sleeve	Wear Ring/ Wear Rings	Back Pullout	Balance Line Optional	Run-Dry Sealing Optional	Double Volute	Suction Cover Design	Stainless Impeller Optional
1 SC63C17	CI	DI	DI	DI	BRZ	BRZ	Yes	Yes-Std	Yes	No	Yes	Stocked
2 SC64C17	CI	DI	DI	DI	BRZ	BRZ	Yes	Yes-Std	Yes	No	Yes	Stocked
3 SC86C17	CI	DI	DI	DI	BRZ	BRZ	Yes	Yes-Std	Yes	Yes	Yes	Stocked
4 SC108C17	CI	DI	DI	DI	BRZ	BRZ	Yes	Yes-Std	Yes	Mod/Con	Yes	Stocked
NS SC1212C17	CI	DI	DI	DI	BRZ	BRZ	Yes	No	Yes	No	Yes	Stocked

**MATERIAL CODES** - CI: Cast Iron, ASTM A48 Class 30 | DI: Ductile Iron, 65-45-12 | BRZ: SAE 660 | **Frame Shaft:** Stressproof,® AISI 1144 modified  
**Mech. Seal:** Silicon Seal Faces, Viton Elastomers, 316 Stainless Steel Hardware

# The Most Complete Line Available



## The Pioneer Family of Pumps



### PRIME SERIES

Vacuum Assisted Run Dry, Prime From Dry, Re-Prime Pumps - Available for Solids Handling or Clear Liquid Service

**Sizes:** 3-12 Inch

**Flows:** 200-11,500 GPM

**Heads:** to 500+ Feet



### SELF-PRIMING SERIES

Standard Self-Priming Pumps Available for Solids Handling or Clear Liquid Service

**Sizes:** 1/2-10 Inch

**Flows:** 20-3500 GPM

**Heads:** to 200 Feet



### STANDARD CENTRIFUGAL SERIES

Standard End Suction Centrifugal Available for Solids Handling or Clear Liquid Service

**Sizes:** 1/2-12 Inch

**Flows:** 20-11,500 GPM

**Heads:** to 500+ Feet



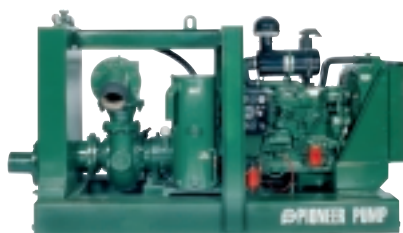
### HYDRAULIC SUBMERSIBLE & POWER UNIT SERIES

Pumps and Power units Available for Solids Handling or Clear Liquid Service

**Sizes:** 4-12 Inch

**Flows:** 200-7000 GPM

**Heads:** to 160 Feet



### WELLPOINT SERIES

Bare Pumps or Packages Available

**Sizes:** 3-12 Inch

**Flows:** 200-11,500 GPM

**Heads:** to 500+ Feet

