



Municipal

8x 6 1/2 1.00
18x 12 3/4 1.00
STANDARD CENTER LINE
1.00

8x 7.5

3/8-1 1/2 Tapped Hole

4.75

5.72

$\phi 10.390^{+.002}_{-.000}$
 $\phi 6.500^{+.002}_{-.000}$

1.25



Enclosed silent units are available with low dBA ratings and are designed for unattended operation.

Working for a municipality is demanding. You're given fewer resources and asked to do more with them. Keeping everything running smoothly requires a pump with extreme performance that makes the most of every dollar. It has to be durable and reliable to provide consistent operation in lift stations, sewage and water treatment applications. Fortunately, Pioneer Pump offers just that.

Engineering Leadership

Pioneer Pump's leading-edge innovation has created the industry's best pump, meticulously designed and crafted by our team of highly skilled engineers. This design moves more product, more efficiently than our competition, giving the best value in a budget-conscious world. Strategically designed, the large eye area provides high-flow, exceptional solids handling with low NPSHr. They're so efficient, you'll achieve greater performance with less energy than ever before.

Built to Last

Pioneer Pumps are built to stand the test of time. Our standard materials are of the highest quality available. Materials including ductile iron volutes, stainless steel impellers and shafts ensure the long life and reliability necessary for the demanding requirements of municipal pumping. In fact, these pumps are so reliable, they'll pay you back with years of repair-free operation. Bearing frames with oversized bearings, chromed shafts with lip seals or bearing isolators work to extend pump life while mechanical seals with optional run-dry capability prevent leakage and damage. Plus, they're ingeniously designed for easy maintenance with back-pull configurations, replaceable wear rings, wear plates, suction cover and removable inspection covers.

Service. Support. Success.

Pioneer Pump won't just sell you a pump. We use our combined 200 years of experience to fully optimize your pump's performance. We'll make recommendations for piping, mounting and pump placement that can help maximize your process and system performance. Modular designs with a variety of mounting configurations allow for maximum flexibility while reducing parts inventory. We also provide attentive, highly knowledgeable service and support through our global network of distributors. For those rare occasions you need it, we get you back up and running quickly with an extensive inventory of replacement pumps and parts.

Municipal Pumps



Lift Stations

More performance, less energy

Our innovative pump design features highly efficient impellers with low NPSHr characteristics.

Peace of mind, even in emergencies

Whether your needs require a portable engine-driven or permanently mounted lift station back-up, our pump packages offer unmatched reliability.

Better ROI

Superior materials of construction used in every Pioneer Pump pay you back with better reliability and longer life.

Applications include:

- End-suction centrifugal dry pit
- Self-priming
- Vacuum-assisted portable bypass



Sewage Treatment

High flow, no worries

We offer standard centrifugal, vacuum-assist or self-priming pumps capable of handling the most demanding treatment applications.

Thrive under pressure

Our high-efficiency design allows us to deliver more pressure while maintaining flow under flooded or suction lift conditions.

Applications include:

- Influent
- Effluent
- Return activated sludge (RAS)
- Waste activated sludge (WAS)
- Filtering backwash
- Settling basins
- Sequencing batch reactors (SBR)
- Bypass



Water Treatment

Consistent pressure for less

We maintain consistent water pressure, while still performing efficiently, using less energy to do more work.

Innovation that keeps you ahead

Pioneer Pump is on the leading edge of developing pumps with lower lead content that will meet future National Sanitation Foundation® (NSF) requirements.

Performance throughout the process

Pioneer's wide range of pumps move water reliably throughout the entire water treatment process.

Applications include:

- Filter backwash
- Bypass
- Effluent
- Potable water

Pioneer Pump Solutions

Pump Series	Head	Flow	Sizes	Features
Standard Centrifugal (SC)	Up to 700+ feet 210 m	44,000 upgpm 10,000 m ³ /h	1½–30 inches 40 – 760 mm	High-performance, end-suction centrifugal pumps. Solids handling or clear liquids. Run-dry capability. Ideal for wheel washing, washplants and polymer dosing.
Pioneer Prime (PP)	Up to 700+ feet 210 m	44,000 upgpm 10,000 m ³ /h	1½–30 inches 40 – 760 mm	Vacuum-assisted, automatic priming, run-dry pumps. Solids handling or clear liquids. Ideal for high-flow, high-pressure dewatering and flood control.
Self-Priming (ES, P, and PE)	Up to 200+ feet 60 m	20–3,500 upgpm 4–795 m ³ /h	1½–10 inches 40 – 250 mm	Self-priming. Solids handling or clear liquids. Ideal for liquid transfer and dewatering.



Pioneer Pump is the world leader in high-flow pump technology. We are a global company with advanced manufacturing centers in the US and Europe, supported by a worldwide distribution network. Our engineering leadership creates environmentally friendly pumps that, size for size, move more water, more efficiently, more reliably than ever before. Our customer service is second to none, with more than 200 years of combined experience applied to every project. *This is performance through innovation. This is Pioneer Pump.*

Pioneer Pump manufactures the most complete line of high-performance pumps available for solids and clear liquids handling:

- **Pioneer Prime Series**
Vacuum-assisted, automatic priming, run-dry pumps
- **Standard Centrifugal Series**
Standard end suction centrifugal pumps
- **Self-Priming Series**
Standard self-priming pumps in a variety of configurations
- **Hydraulic Submersible Series**
Pumps and power units available for submerged pumping duties

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