



**All Products
Brochure**

1/2" x Ø .66" ± .005
3/16"-18 UNF x 1.00
STRADDLE CENTER LINE

84.75

8.25

4.75

5.72

3/8"-16 Tapped Hole

Pioneer Pump design and build the largest range of dry prime portable pumps in the world. With over forty models of high flow and high pressure pumps, the company has a pump for almost all rental applications.

With features as standard such as Ductile Iron construction, CA6NM stainless steel impellers and heavy duty bearing housings, the pumps are designed to run without the need for extensive maintenance meaning reduced downtime and increased profitability.

Our priming equipment is as simple as it is innovative and is totally mechanical, meaning there is no need for sensitive electronic probes or control systems. The Ultraprime™ patented designed valve combined with the 50cfm liquid tolerant vacuum pump means Pioneer's pump prime faster and more reliably than any other system.

With a variety of packaging options including sound attenuated, skid or trailer as well as more specialist equipment with explosion proof engines, Pioneer pumps are used in all markets including petrochemical, oil & gas, mining and of course municipal applications.

Our options include , Duplex stainless steel construction, sophisticated control panels including GSM management and of course custom build specialist pumpsets for ATEX environments.



Construction



Pioneer pumps are used on all continents of the world for dewatering construction projects where down time is as important as lowest running costs.

By using our extensive design capabilities, Pioneer now has the largest range of high performance pumps, size for size moving more water than any other manufacturer.

With over 10,000 engine driven sets now in service worldwide, our experience and continuous new product development enables us to offer the most economic solution for your project.

Whether they are dewatering arctic harbours, or building prestigious projects in the Middle East or more likely relining sewer lines in local municipalities; burning less fuel, servicing less, and more pumping time, means our customers pump more water for less cost each and every time.

With sizes up to 750mm our pump range is capable of dewatering at flows up to 10,000m³/hr and at pressures up to 20 bar, so almost all construction applications can be undertaken by a Pioneer pump.

With sound attenuated designs up to 475kw, our equipment is ideal for those environmentally sensitive applications where noise can shut a project down. Extensive experience and now over 30 canopied models available, Pioneer has a pumpset to solve your applications needs.



Pioneer has a large range of end suction and self priming centrifugal pumps that are ideal for many applications in the petrochemical market. Pumping process and waste chemicals, loading tankers, cleaning storage tanks are all applications that are undertaken around the world by Pioneer Pumps.

Many types of petrochemicals or hydrocarbons may be pumped using our highly efficient end suction centrifugal pumps, all of which are designed with low NPSHr characteristics making them ideal for handling long pipe runs and high vapour pressure chemicals.

These pumps are available with either clear liquid or solids handling impellers as well as a variety of materials including duplex stainless steel.

The self priming pumps of the P and PE ranges are specifically designed to operate in arduous applications such as those found in the petrochemical markets. Whether operating under positive suction heads or suction lifts, these pumps are world leaders in handling difficult duties. By using various materials of construction and simple product design we deliver reliable pump operation and low cost of ownership.



The world's energy markets demand increasingly sophisticated and reliable pumps. Pioneer has responded to this with new designs incorporating superior grade materials of construction as standard. This has enabled the company to become a leading supplier in key markets such as the nuclear industry.

Whether the pumps are engine or electric drive Pioneer pumps are designed to operate in the most arduous conditions. The sets can also be delivered with ATEX certification when required. All pumps are now built in Ductile Iron offering increased performance over lower grade materials such as Grey or Cast Iron. This extends the pumps use to higher liquid temperatures and slightly abrasive applications such as those seen in the coal industry.

Pioneer has developed a range of dry-priming pumps that are seismically tested specifically for the use in nuclear applications. We can rightly claim to be the only global manufacturer of run dry self priming pumps to achieve this.

Oil & gas markets around the world are already using large numbers of Pioneer pumps in diverse applications such as fire prevention, drilling mud pumping, dewatering, cooling water transfer and of course hydrocarbon pumping.



Our products have fast become market leading pumps in the quarrying and mining industries where reputation for reliability is a hard won acclaim.

Our Pioneer Prime pumps have little competition in terms of performance and reliability. We have become the standard in many non-slurry applications such as dewatering, sand & gravel processing and water management. With the combination of high pump efficiencies, rugged construction and environmentally friendly design many of our customers are seeing large operational savings. These savings are being made across the board in terms of reduced maintenance downtime, environmental impact and fuel costs.

The sheer size of the range of pumps we can offer allows us to make an optimum selection for each application rather than having to compromise. When combined with good application engineering, it is no wonder that global mining and mineral producing companies are turning more to Pioneer Pump for a complete turnkey solution.



Wastewater



Pioneer has a long and established history in pumping wastewater in both temporary and fixed applications. Whether it is process based such as that seen in food production or bypass based in the water supply industry, Pioneer has developed an enviable reputation in providing reliable high performance solutions.

The Pioneer Prime is the worlds most advanced high performance dry prime pump which can be used in both fixed and portable applications. The pump is able to undertake suction lift applications without having to retain fluids in the pump casing which may freeze in certain conditions. In using this technology, Pioneer has been able to develop self priming solutions delivering individual pump flows of 4000m³/hr and pressures of 12 bar whilst still being able to pass solids of over 75mm in size.

Whether the application is portable or fixed, in a pump station or as part of a larger process, Pioneer's wastewater pumps have become an industry standard in applications such as chemical tank farms, food processing and of course municipal wastewater and sewage pumping.





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