

**Wet Prime Centrifugal**

# GS6012L75-H0

## PERFORMANCE

**Wet prime centrifugal pump**

Bare shaft, frame mounted, self-priming, heavy-duty, solids handling pump

Size	6" x 6" 152 x 152 mm
Flow, Max	1500 usgpm 340 m <sup>3</sup> /h 94 l/s
Head, Max	115 feet 35 meters
Flow at BEP	1075 usgpm 244 m <sup>3</sup> /h 67 l/s
Efficiency at BEP	47%
Solids Handling, Max	3" 76 mm
Operating Speed, Max*	1750 rpm
Suction Connection	6" (152 mm)
Delivery Connection	6" (152 mm)
Bearing Lubrication	Oil STD Grease optional
Fasteners	Imperial

\*With trimmed impeller

## APPLICATIONS

Industrial	Food Processing
Municipal	Wastewater
Construction	Mining
Oil Field	Petrochemical
Agriculture	


**Heavy-duty, self-priming pump**

Designed for handling solids and clear liquids, the Pioneer GS Series is the next generation of self-priming pumps. This lineup of pumps offer superior performance, increased reliability, and additional ease-of-maintenance features.

## FEATURES

Rotating Assembly	Utilizes a double-lip seal with atmospheric drain for additional bearing protection
Cover Plate	Removable with convenient grip handle for ease of maintenance
Mechanical Seal	Cartridge-type, oil-lubricated tungsten titanium carbide for simple installation and ease of maintenance
Shaft	AISI 4140 alloy steel; corrosion-resistant, easy to maintain, and highly reliable
Volute	Standard, heavy-wall for durability and peace of mind
O-rings	Nitrile and FKM for use in a wide range of applications
Available Alloys	316 and CD4Mcu stainless steels

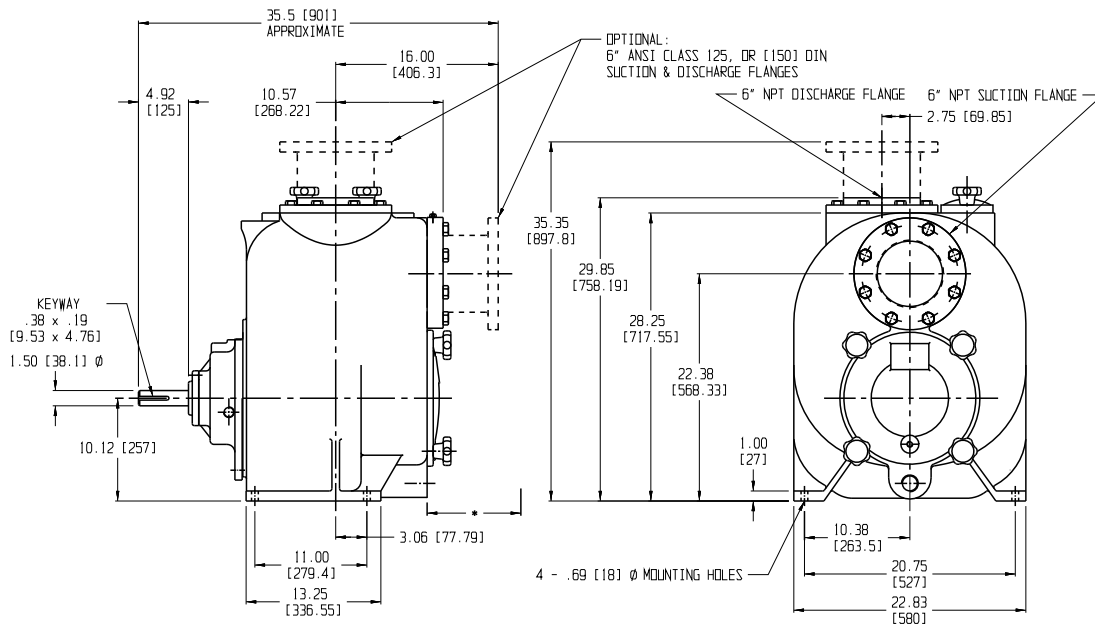
## OTHER SPECIFICATIONS

Gray Iron	CD4Mcu	Diesel Driven
316 SS	Electric Driven	Natural Gas Engine

## DRIVE OPTIONS

Bareshaft Pump End	Electric Driven Trailer	Electric Direct Drive w/ Guard
Overhead Belt Drive	Diesel Driven Trailer	

## MECHANICAL DIMENSIONS



## PERFORMANCE CURVE

Model: GS6012/P6B012

Impeller Dia: 12.38"

Speed: Variable

Solids Size: 3"

Curve #GS6012-VS

