

**Wet Prime Centrifugal**

# GS4097L75-H0

**PERFORMANCE**
**Wet prime centrifugal pump**

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

Size	4" x 4" 101 x 101 mm
Flow, Max	800 usgpm 181 m <sup>3</sup> /h 50 l/s
Head, Max	112 feet 34 meters
Flow at BEP	630 usgpm 143 m <sup>3</sup> /h 39 l/s
Efficiency at BEP	47%
Solids Handling, Max	3" 76 mm
Operating Speed, Max	1950 rpm
Suction Connection	4" (101 mm)
Delivery Connection	4" (101 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

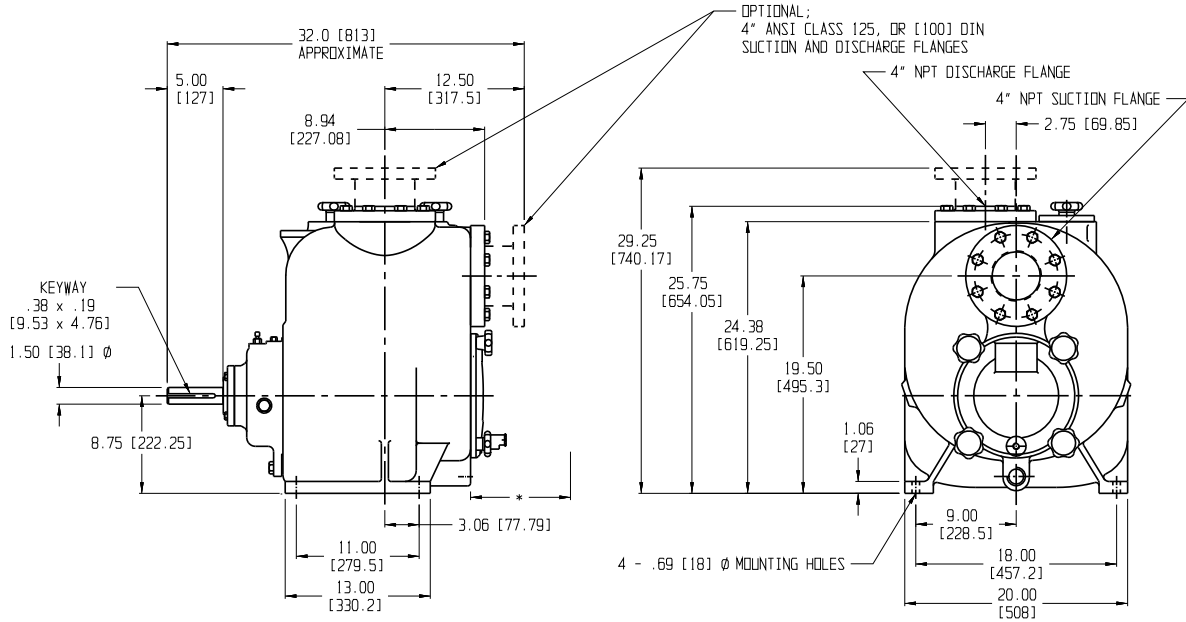
**OTHER SPECIFICATIONS**

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: GS40975

Impeller Dia: 9.75"

Speed: Variable

Solids Size: 3"

Curve #GS40975-VS

