

## Wet Prime Centrifugal

# GS10014L75-H0

### PERFORMANCE

#### Wet prime centrifugal pump

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

Size	10" x 10" 254 x 254 mm
Flow, Max	3450 usgpm 783 m <sup>3</sup> /h 217 l/s
Head, Max	175 feet 53 meters
Flow at BEP	2840 usgpm 645 m <sup>3</sup> /h 179 l/s
Efficiency at BEP	76%
Solids Handling, Max	3" 76 mm
Operating Speed, Max	1750 rpm
Suction Connection	10" (254 mm)
Delivery Connection	10" (254 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

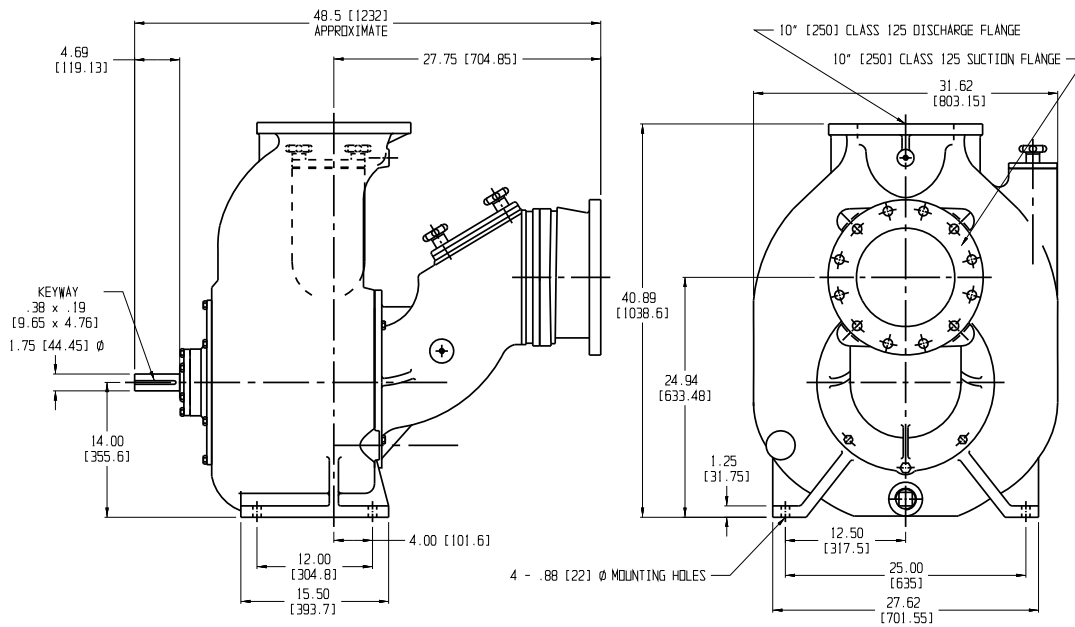
### OTHER SPECIFICATIONS

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: GS10/PI0B015

Impeller Dia: 14.75"

Speed: Variable

Solids Size: 3"

Curve #GS10-VS

