

Wet Prime Centrifugal

GS3087L75-H0

PERFORMANCE
Wet prime centrifugal pump

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

Size	3" x 3" 76 x 76 mm
Flow, Max	490 usgpm 111 m ³ /h 30 l/s
Head, Max	140 feet 42 meters
Flow at BEP	415 usgpm 94 m ³ /h 26 l/s
Efficiency at BEP	47%
Solids Handling, Max	2.5" 63.5 mm
Operating Speed, Max	2150 rpm
Suction Connection	3" (76 mm)
Delivery Connection	3" (76 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

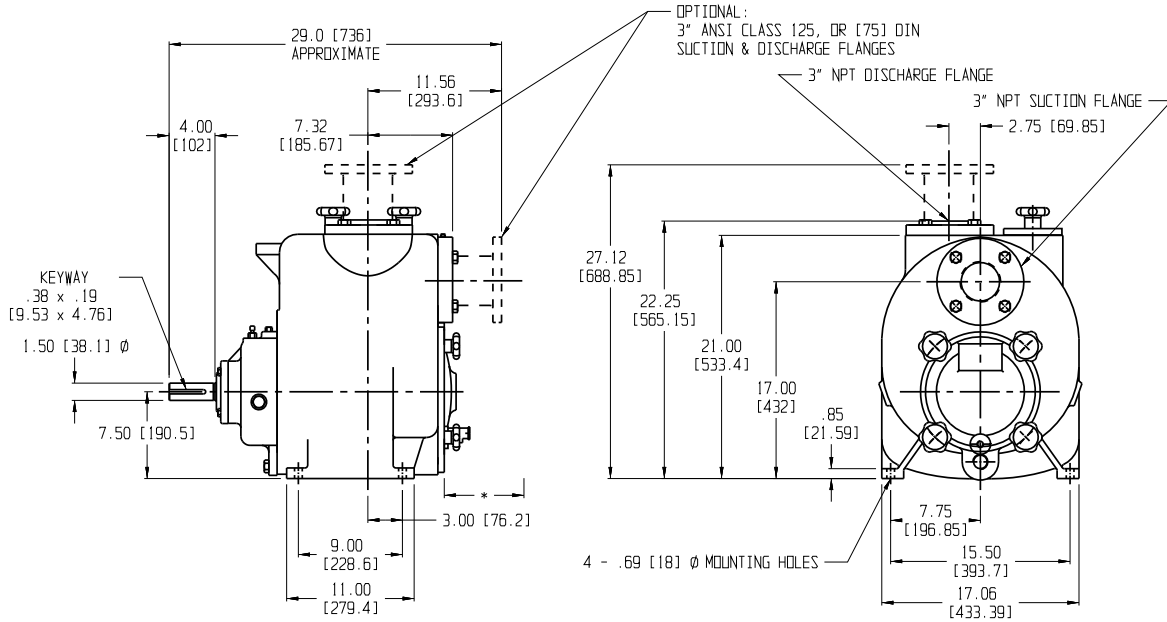
OTHER SPECIFICATIONS

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: GS3/P3B0875

Impeller Dia: 8.75"

Speed: Variable

Solids Size: 2.5"

Curve #GS3-VS

