

Wet Prime Centrifugal

GS8015L75-H0

PERFORMANCE

Wet prime centrifugal pump

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

Size	8" x 8" 203 x 203 mm
Flow, Max	2500 usgpm 567 m ³ /h 157 l/s
Head, Max	130 feet 39 meters
Flow at BEP	1572 usgpm 357 m ³ /h 99 l/s
Efficiency at BEP	59%
Solids Handling, Max	3" 76 mm
Operating Speed, Max*	1550 rpm
Suction Connection	8" (203 mm)
Delivery Connection	8" (203 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 316 SS/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

DRIVE OPTIONS

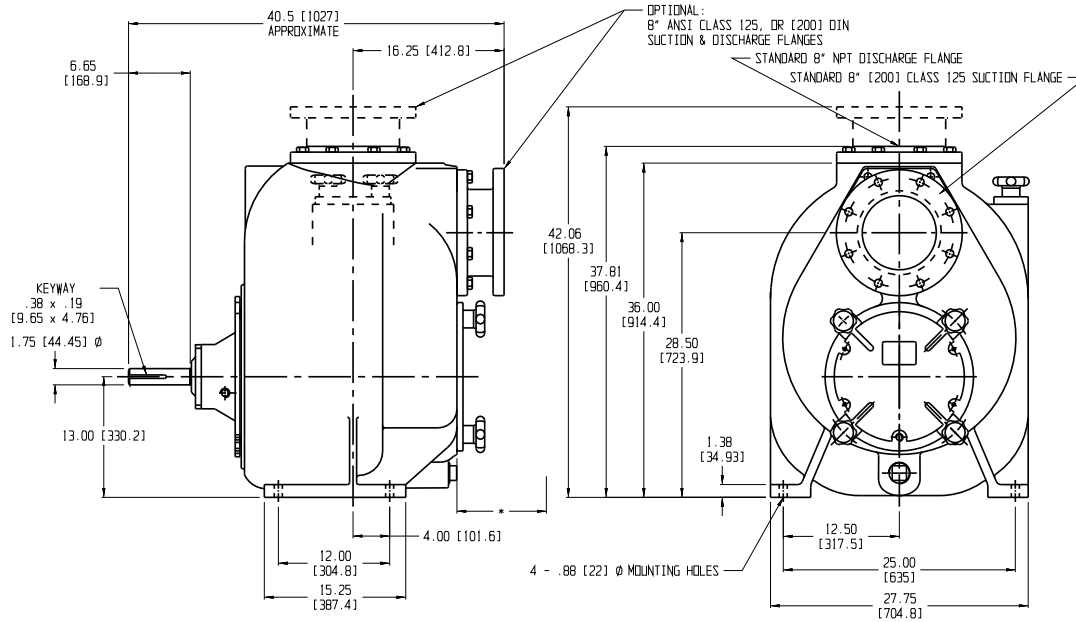
Bareshaft Pump End	Electric Driven Trailer	Electric Direct Drive w/Guard
Overhead Belt Drive	Diesel Driven Trailer	

STANDARD MATERIALS OF CONSTRUCTION

Impeller	Ductile Iron
Volute	Cast Iron
Wear Plate	Stainless Steel
Seal Plate	Cast Iron
Cover Plate	Cast Iron

*Contact the factory for other material options

MECHANICAL DIMENSIONS



PERFORMANCE CURVE

Model: GS8/P8B015

Impeller Dia: 14.75"

Speed: Variable

Solids Size: 3"

Curve #GS8-VS

