



Wet Prime

P4097L72



Performance

Wet prime centrifugal pump

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

Size	4" x 4" 100 x 100 mm
Flow, Max	880 USgpm 200 m ³ /h 56 l/s
Head, Max	140 feet 43 meters
Flow at BEP	650 USgpm 150 m ³ /h 40 l/s
Efficiency at BEP	53%
Solids Handling, Max	3.0" 76 mm
Operating Speed, Max	2000 rpm
Suction Connection	4" (100 mm) 150 ANSI Flanges
Delivery Connection	4" (100 mm) 150 ANSI Flanges
Bearing Lubrication	Oil STD Grease Optional
Fasteners	Imperial

Applications

Wastewater Quarry & Mining	Steel Petrochemical
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Heavy duty, self priming pump

With up to 3.0 inch solids handling capability. These pumps offer unrivalled reliability through the use of high quality ductile iron castings and 17-4PH stainless steel shafts.

Options

- Stainless steel
- Electric driven
- Diesel driven
- V-Belt driven
- Natural gas engine

Other Specifications

Mechanical Seal	Single seal w/ tungsten carbide vs. silicon carbide seal faces, Viton® elastomers, 300 series stainless steel hardware and spring.
Pump End Bearing	Open Single Ball
Drive End Bearing	Open Double Ball
Shaft	17-4 PH Stainless Steel

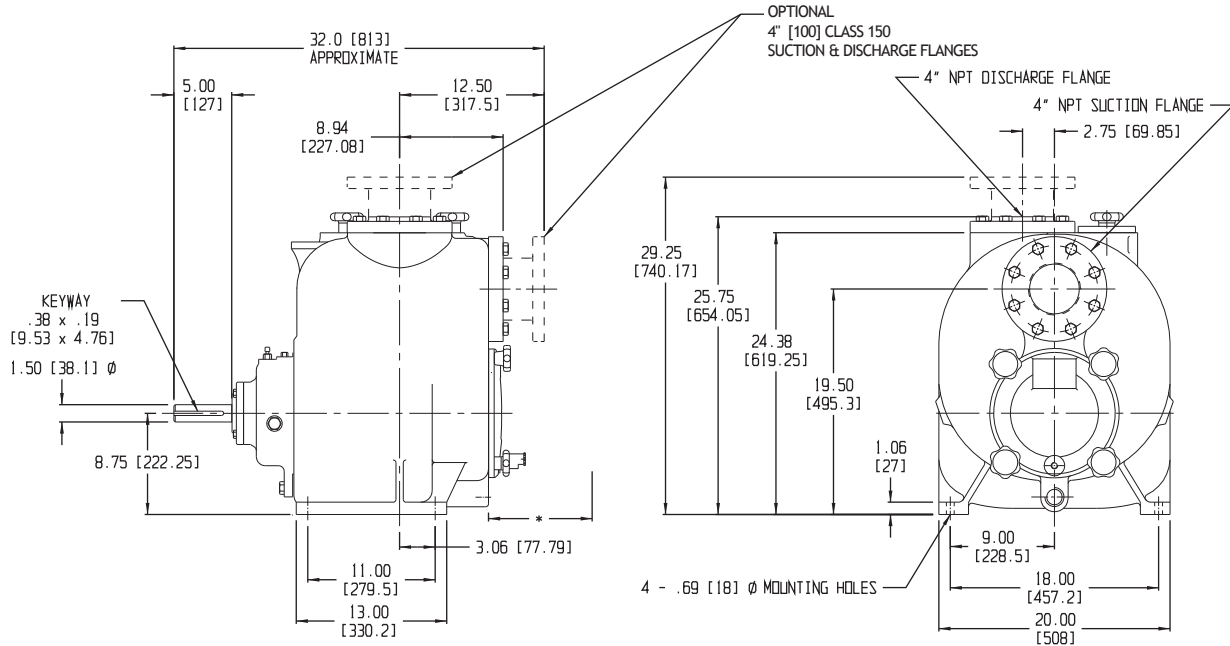
Construction Materials Options

	Standard Construction	CD4MCu Stainless Steel
		CD4MCu
Impeller	Ductile Iron ASTM A536 65-45-12	CD4MCu
Volute	Ductile Iron ASTM A536 65-45-12	CD4MCu
Wear Plate	Steel A36 Mild	316 SS
Seal Housing	ASTM A48 Class 30 Gray Iron	CD4MCu
Cover Plate	Ductile Iron ASTM A536 65-45-12	CD4MCu

Mechanical Dimensions



P4097



Performance Curve

Model: P4097	Impeller Dia: 9.75"	Speed: Variable	Solids Size: 3.0"	Curve #A2101HQ
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