

Wet Prime

P6012L72



Performance

Wet prime centrifugal pump

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

Size	6" x 6" 150 x 150 mm
Flow, Max	1,600 USgpm 370 m³/h 100 l/s
Head, Max	120 feet 40 meters
Flow at BEP	900 USgpm 210 m³/h 60 l/s
Efficiency at BEP	60%
Solids Handling, Max	3.0" 76 mm
Operating Speed, Max	1550 rpm
Suction Connection	6" (150 mm) 150 ANSI Flanges
Delivery Connection	6" (150 mm) 150 ANSI Flanges
Bearing Lubrication	Oil STD Grease Optional
Fasteners	Imperial

Applications

Wastewater	Steel
Quarry & Mining	Petrochemical

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

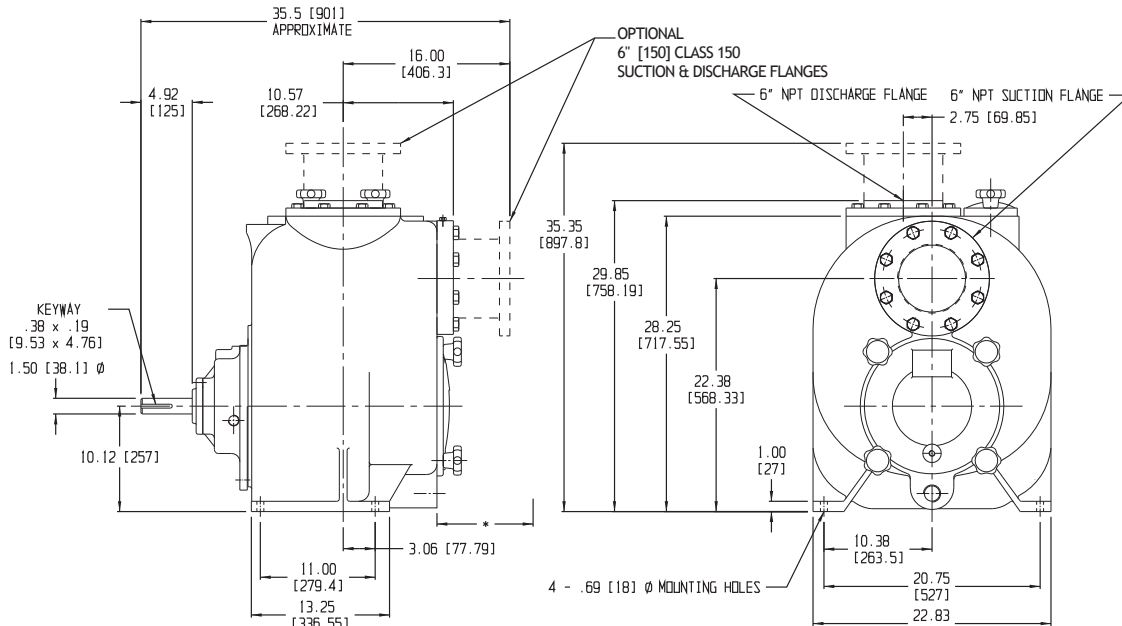
Construction Materials Options

	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

P6O12



Performance Curve

Model: P6O12

Impeller Dia: 12.38"

Speed: Variable

Solids Size: 3.0"

Curve #A940HQ

