



Wet Prime

P10015L72



Performance

Wet prime centrifugal pump

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

Size	10" x 10" 250 x 250 mm
Flow, Max	4,400 USgpm 1010 m ³ /h 280 l/s
Head, Max	150 feet 50 meters
Flow at BEP	2,800 USgpm 640 m ³ /h 180 l/s
Efficiency at BEP	79%
Solids Handling, Max	3.0" 76 mm
Operating Speed, Max	1450 rpm
Suction Connection	10" (250 mm) 150 ANSI Flanges
Delivery Connection	10" (250 mm) 150 ANSI flanges
Bearing	Oil STD
Lubrication	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

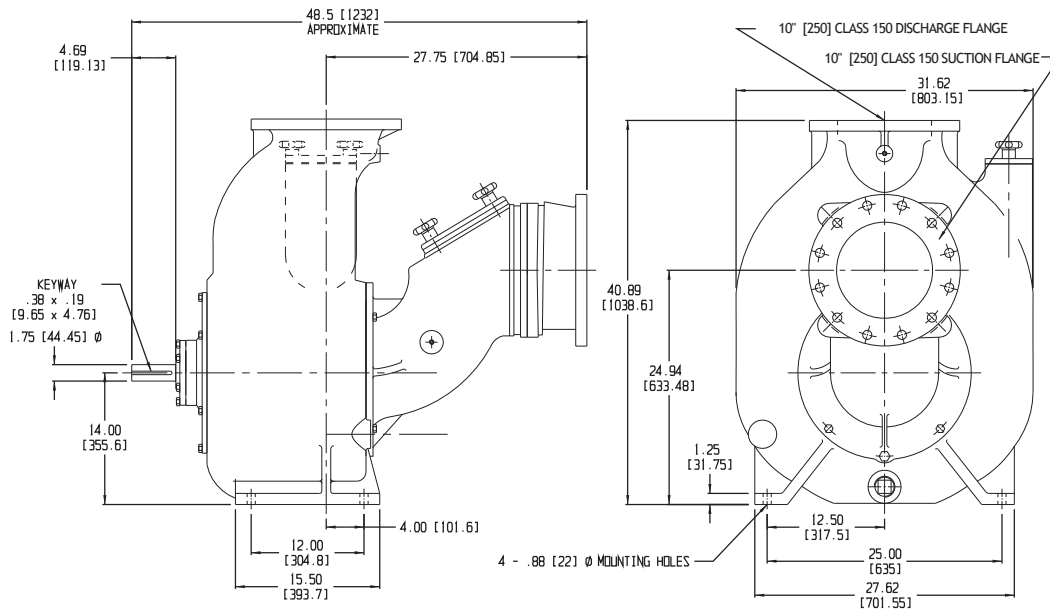
Construction Materials Options

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



Mechanical Dimensions

P10015



Performance Curve

Model: P10015	Impeller Dia: 14.75"	Speed: Variable	Solids Size: 3.0"	Curve #08827HQ
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