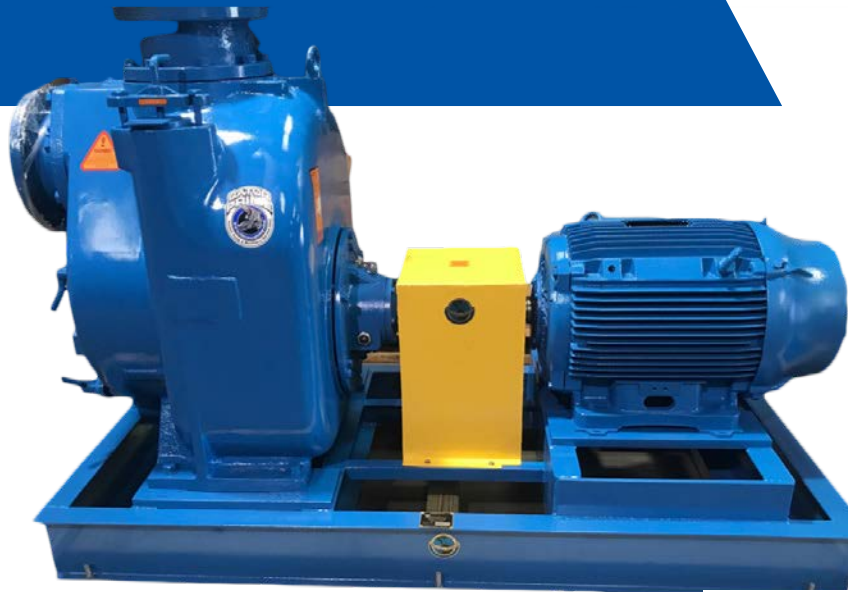




T^{PRIME}

SELF
PRIMING
PUMPS



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**THOMAS
PUMP**
THOMASPUMP.COM



SELF PRIMING PUMPS

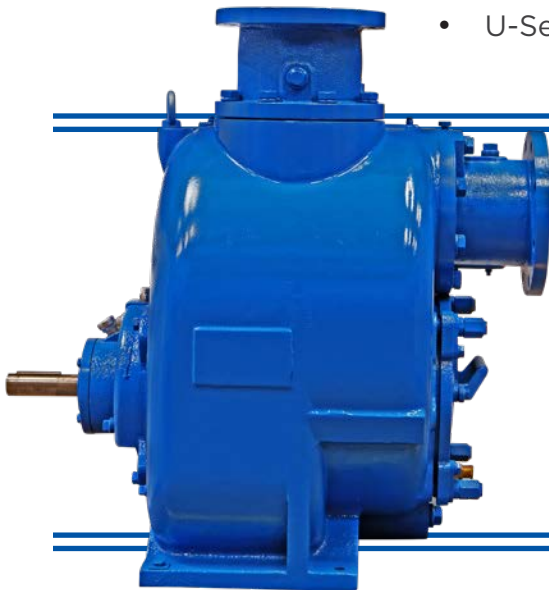
GP / GH SERIES

GP / GH series pumps are self priming pumps designed for uses that require solids movement while offering quick cleaning and preventative maintenance features.

INTERCHANGABLE WITH GORMAN-RUPP

Thomas Pump T-Prime GP/GH Series pumps are a drop in replacement for the following Gorman-Rupp pumps:

- T-Series
- Super T-Series
- U-Series



FIELDS OF APPLICATION

GP / GH Series

- Wastewater
- Pulp & Paper
- Food & Beverage

DESIGN

T-PRIME Series are specially designed pumps used in solids moving applications. Used in multiple fields due to the design allowing solids up to 3" diameter to pass through the pump without issue.

Fabricated with maintenance in mind, T-Prime Series pumps are created with several features that ease routine servicing.

GP Series pumps have been developed to handle solids between 1 3/4" - 3" in size depending on the pump size. Stocked in sizes from 2" - 12" intake manifold dimension.

GH Series developed as a higher pressure version of the GP Series pump that allows smaller solids to pass through than the GP Series. The GH Series can handle solids between 13/16"-1 1/4" in size based on the dimensions of the pump. Stocked in 3", 4", and 6" intake manifold dimensions.



FEATURES

Shimless External Impeller Adjustment. An exclusive system to externally adjust the impeller clearance without disassembling the pump. With the use of a fixed or allen wrench, simple adjustments can optimize pump efficiency while extending the life of the pump.

Fast and Easy Maintenance. A back pullout rotating element allows for quick checks and easy upkeep on pumps. Blockages can be removed and the pump can return to service in minutes. Impeller, seal, and other key elements can also be accessed through cover plate opening for inspection or service.

Removable Inspection/Clean out Port. Unscrew and lift the handles of the inspection cover and perform the cleaning operation without removing the casing or disconnecting the pipework.

CLEANING AND INSPECTION

Without Disconnecting The Pipework (Back - Pull - Out)

Another advantage of the **T-Prime Series** pump is that cleaning and clearing are simple tasks, as are inspection and substitution of the impeller and seal, when necessary.

The **GP** and **GH** pumps were especially designed for quick cleaning before returning to operation.

Even during preventive maintenance, internal inspection can be carried out quickly and safely. To do this unscrew and lift the handles of the inspection cover and perform the cleaning operation without removing the casing nor disconnecting the pipework.



SELF PRIMING PUMP

MATERIALS

SERIES GP AND GH - SELF PRIMING

CONSTRUCTION MATERIALS

	STANDARD	Type A	Type B	Type C	Type D	Type E	Type F	Type G
Casing	A 48CL30					CD4 MCU	SS 316	ADI
Impeller	A 60-40-18	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Wear Plate	SAE 1020	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Cover Plate	A 48CL30	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Bearing Housing	A 48CL30					CD4 MCU	SS 316	ADI
Seal Plate	A 48CL30	A 216	CD4 MCU	SS 316	ADI	CD4 MCU	SS 316	ADI
Flap Valve	Neoprene					Viton		
Sleeve Shaft	ANSI 4140HT	ANSI 17-4						
Flange	A 48CL30				ADI	SS 316	SS 316	ADI
O'Ring	Buna		Viton					
Impeller Shaft	ANSI 4140HT	ANSI 17-4						
Mechanical Seal	Casing in SS 316, O'Rings in Bunya & Viton, faces in titanium and tungsten carbide							

The Mechanical seal for all models has a 316SS body, Viton O'Rings and Tungsten Carbide faces. Other seals available upon request.

All Cast Iron parts are ASTM 48, class 30.

All Carbon steel shafts are SAE 4140 HT

All parts labeled CD4 are hardened 18-8 Stainless Steel, CD4, DIN 1-4463

All parts labeled 316SS are CF8M

Epoxy and Ceramic internal coatings are available, Please call for quote.

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