2″ & 3″ Self-Priming Engine Driven Trash Pumps

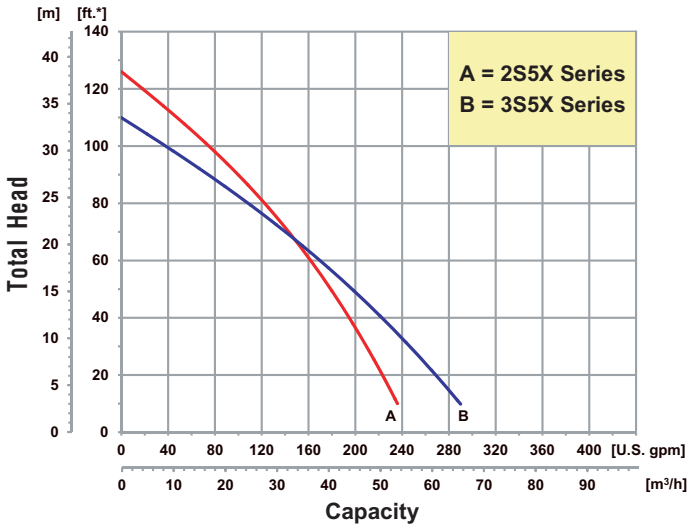
Model 2S5XHR

Model 3S5XLR

- ***Cast Aluminum with Cast Iron Wearparts***
- ***Silicon Carbide/Viton® Mechanical Seal***
- ***EPDM/EPR O-Rings Standard with Optional Viton®***
- ***2″ or 3″ Removable Male NPT Suction and Discharge Ports***
- ***Discharge Rotates in 90° Increments***
- ***Engine Options: Honda, LCT Storm Force Gasoline or Hatz Diesel Engines***
- ***Easy Clean Out with One Tool Serviceability***
- ***Maximum Solids Handling up to 1-1/4″***
- ***Solids Handling and Dirty Water Design***
- ***Maximum Flow up to 290 GPM***
- ***Maximum Head up to 125 Ft.***
- ***Self-Priming to 26 Ft.***
- ***Wheel Kit Optional***

IPT Portable High Volume, Self-priming Centrifugal Trash pumps come standard with a cast iron impeller to resist abrasion and ***one tool serviceability*** for easy cleanout. Pumps are designed to handle liquids with solids content or dissolved solids and debris. All pumps feature aluminum housing, cast iron wearparts, built-in check valve, suction strainer and heavy duty steel roll frame. Heavy duty cast iron flanges with male NPT threads that rotates in 90° increments. Easy access fill plug on discharge port.

Performance of Engine Driven Self-Priming Trash Pumps



(*)Convert to psi, divide by 2.31 Liquid - Water specific gravity 1.0

AMT
A Gorman-Rupp Company
400 Spring Street • Royersford, PA 19468 USA
www.amtpump.com • 888-amt-pump (268-7867)

For use with nonflammable liquids compatible with pump component materials. Viton® and Teflon® are registered trademarks of E. I. Dupont.

Engine Driven Self-Priming Trash Pumps

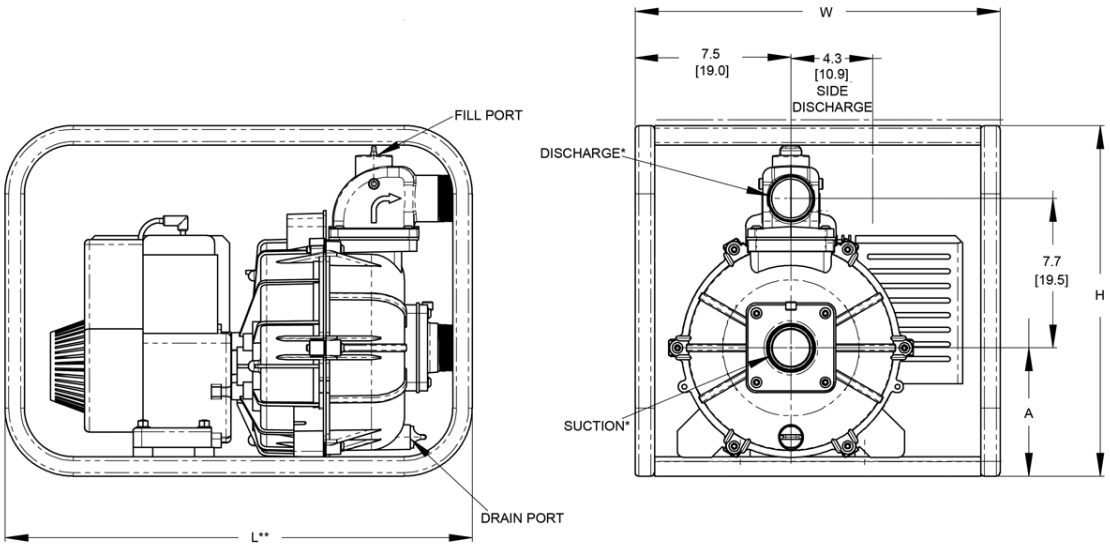
2" Trash Pumps

Model	HP Class♦	Curve	Port	Driver	Seal	Run Time (Hours)	Tank Size (Gal/Ltr.)	Ship Wt. (Lbs.)
2S5XLR	5 HP	A	2" NPT	LCT 208CC▲	Viton®/ SIC-SIC	2.2	0.71/2.7	90
2S5XHR	5 HP	A	2" NPT	Honda GX160▲	Viton®/ SIC-SIC	2.0	0.82/3.1	90
2S7XZR	5 HP	A	2" NPT	Hatz Diesel 1B30	Viton®/ SIC-SIC	2.7	1.32/5.0	156

Construction: Cast Aluminum with Cast Iron Components

Maximum Solids Handling Capacity: 1" Diameter

(♦) HP Class represents market category and is not intended to define actual horsepower.



3" Trash Pumps

Model	HP Class♦	Curve	Port	Driver	Seal	Run Time (Hours)	Tank Size (Gal/Ltr.)	Ship Wt. (Lbs.)
3S5XLR	5 HP	B	3" NPT	LCT 208CC▲	Viton®/ SIC-SIC	2.2	0.71/2.7	100
3S5XHR	5 HP	B	3" NPT	Honda GX200▲	Viton®/ SIC-SIC	2.5	0.82/3.1	100
3S7XZR	5 HP	B	3" NPT	Hatz Diesel 1B30	Viton®/ SIC-SIC	2.7	0.79/3.0	160

Construction: Cast Aluminum with Cast Iron Components

Maximum Solids Handling Capacity: 1¼" Diameter

(♦) HP Class represents market category and is not intended to define actual horsepower.

▲ Oil Alert Included

Model	L**	W	H	A
2S5X/3S5X*	24.0 [60.9]	19.5 [49.5]	19.9 [50.5]	7.4 [18.7]
2S7X/3X7X*	31.0 [78.7]	22.5 [57.1]	23.6 [59.9]	7.9 [20.0]

(*) Standard NPT (Male) Pipe Thread.

(**) This dimension may vary due to engine manufacturer's specifications.

NOTE: Dimensions are in inches (centimeters) and have a tolerance of ± 1/8".

5/8" Threaded Pump Kit - Cast Aluminum

Model*	Seal Type & Elastomer/Faces	Mounting	Ship Wt. (Lbs.)
2S5X	Viton®/ SIC-SIC	Handle	40
3S5X	Viton®/ SIC-SIC	Handle	45

*Does not include roll cage or engine, unassembled

Standard Features

- Cast Iron Impeller
- One Tool Serviceability Tool Included with Engine Driven Models
- Silicon Carbide Mechanical Seal with Graphite Impregnated Seat and Viton® Elastomers
- Heavy Duty Steel Roll Frame and Strainer Included
- Built-in EPDM/EPR Check Valve
- Removable/Replaceable Cast Iron Suction/Discharge Ports
- Discharge Port Rotates in 90° Increments
- Choice of Honda, LCT Storm Force Gasoline or Hatz Diesel Engine
- Vibration Dampening Feet
- Maximum Temperature 180° F
- Optional Viton® O-ring / Check Valve Available
- Pedestal Version Available
- Optional Wheel Kit Available
- QSP – Quick Ship Pumps for Many Models

AMT® A Gorman-Rupp Company

Manufacturer of AMT & IPT Pumps

400 Spring Street • Royersford, PA 19468 USA

www.amtpump.com • 888-amt-pump (268-7867)

The Gorman-Rupp Company reserves the right to discontinue any model or change specifications at any time without incurring any obligation.

©2012 American Machine and Tool Company. All rights reserved.

IPT PUMPS BY GORMAN-RUPP® 0421