

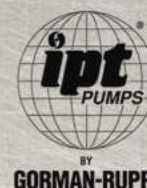
Availability



The Pump People™

American Machine & Tool Company
Royersford, PA 19468
1-888-AMT-PUMP

*Featuring the following
product lines:*



www.amtpumps.com

Quality




























Durability



Portability

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General Information

SALES POLICY: OTS products are sold through our established distributors. We do not sell direct to the consumer or organizations not entitled to trade recognition. Therefore, possession of our catalogs and/or price list(s) does not infer an offer to sell.

Minimum Order: We appreciate your order, however all orders are subject to a minimum \$25.00 net invoice charge (excluding freight). This applies to all pumps and parts purchase orders.

PRICES: Prices are subject to change without notice. All accepted orders are subject to prices in effect at time of shipment.

PAYMENT TERMS: Terms, upon establishment of credit, are net 30 days. Past due accounts may be subject to a service charge of 1.5% per month. Domestic or assignable letter of credit is required of all export trade.

PAST DUE ACCOUNTS: OTS reserves the right to withhold open account shipments on any past due account. Invoices are considered past due after thirty (30) days. In the interest of sound business, all orders are subject to approval of the Credit Department.

SHIPPING INSTRUCTIONS: All shipments will be made F.O.B. the factory. Where instructions for shipment do not appear on the order, the shipment will be made according to our best judgment. Full risk of loss (including transportation delays and losses) shall pass to the customer upon delivery of the products to the carrier at the F.O.B. point. When loss or delay occurs, primary responsibility for tracing rests with the customer. When there is LOSS OR APPARENT VISIBLE DAMAGE to a shipment, when tendered for delivery, DO NOT give the carrier a clear receipt. Note such damage on the carrier's delivery receipt and HAVE THE DRIVER SIGN THE RECEIPT.

12 MONTH LIMITED WARRANTY

EXTENT AND DURATION OF LIMITED WARRANTY

Coverage: American Machine and Tool Company (herein "AMT") or IPT Pumps by Gorman-Rupp (herein "IPT") or Gorman-Rupp Industries Division of The Gorman-Rupp Company or The Gorman-Rupp Company (herein individually referred to as "G-R Unit") each individually warrants that its products and parts shall be free from defects in material and workmanship for twelve (12) months from the date of purchase by the original end user when installation is made and use and maintenance is performed in accordance with the G-R Unit's recommendations. Wear and tear resulting from use and items normally consumed in use are not covered.

EXCEPTIONS

(A) This Limited Warranty shall not apply to mechanical seals in AMT and IPT pumps and the following products and parts: engines, motors, trade accessories and all other products, components, parts and materials not manufactured by the G-R Units. These items may, however, be covered by the warranties of their respective manufacturers. (B) This warranty does not extend to or apply to any unit which has been repaired or altered at any place other than by a G-R Unit, or by persons not expressly approved by a G-R Unit to make repairs or alterations, nor to any unit the serial number, model number, or identification of which has been removed, defaced or altered. (C) This warranty does not extend to any product manufactured by a G-R Unit, which has been subjected to misuse, neglect, accident, improper installation, or use in violation of instructions furnished by a G-R Unit. (D) Pump Kits: This warranty does not extend to any product sold by a G-R Unit unassembled as a Pump Kit. Pump Kits are warranted against defects in material and workmanship for 60 days from the date of shipment from a G-R Unit. Any Pump Kit parts deemed defective by a G-R Unit will be replaced free of charge within 60 days of shipment. Pump Kits are not returnable for credit.

LIMITATIONS

THE G-R UNITS' SOLE AND EXCLUSIVE WARRANTY WITH RESPECT TO THEIR PRODUCTS AND PARTS IS THIS LIMITED WARRANTY. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS AND/OR IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE.

EXCLUSIVE REMEDY AND DAMAGES

The sole and exclusive remedy for breach of this Limited Warranty by a G-R, Unit and the entire extent of its liability for such breach or for damages arising from the

PRODUCT REVISIONS: OTS reserves the right to discontinue, change or improve its products or any portions thereof without being obligated to provide such a change or improvement for units sold and/or shipped prior to such a change or improvement.

LEAD TIME: Products designated "Off-the-Shelf" will normally be shipped within 24 hours of receipt of a non-cancelable purchase order. Only limited quantities of "Off-the-Shelf" pumps are available.

STANDARD LEAD TIME: Lead time is two weeks for all non "Off-the-Shelf" product.

VIP SHIPMENT: Requests for next day shipment of non "Off-the-Shelf" items are subject to a \$60.00 surcharge per unit ordered. OTS reserves the right to revise lead time as required due to availability of materials and all other causes beyond our control.

All purchase orders must be submitted via hard copy sent to OTS customer service by fax, EDI or mail.

RETURN GOODS POLICY: Goods shall not be returned without a return goods authorization number (RGA) issued by OTS customer service. The RGA number must be listed on the packing list. Only current part numbers with valid date code may be returned (within one year). A 20% restocking and packaging charge will apply to all returns. All shipping charges must be prepaid.

ORDER CHANGES BY CUSTOMER: Orders in process may not be changed except with written consent and may be subject to special charges.

use of the products and parts covered under this Limited Warranty, shall be as follows:

- 1. Repair or replacement:** If inspection shows that any G-R Unit product or part are covered under this Limited Warranty is defective in materials or workmanship, the G-R Unit shall repair or replace the defective or nonconforming product or part without charge, whichever the G-R Unit chooses. You must have properly maintained and used the product or part claimed to be defective in accordance with the maintenance schedule or manual which comes with the product. *No allowance will be made for labor, installation, removal, transportation or other charges incurred by you in connection with such repair or replacement.*
- 2. To obtain the above remedy:**
 - a) Immediately notify the G-R Unit upon discovery of the claimed defect in materials or workmanship and provide the serial number or date code of the product and/or part(s) or provide the G-R Unit with the invoice or bill of sale referencing the product by no later than the expiration date of the warranty period.
 - b) The G-R Unit will advise whether inspection will be necessary and how and whether repair or replacement will be made. If inspection by the G-R Unit is necessary, the pump or defective part must be sent freight prepaid to the G-R Unit. Return shipment will be F.O.B. the G-R Unit's plant.
 - c) Return Goods Authorization Requirement: No product will be accepted for return or replacement without the prior written authorization of the G-R Unit. Upon such authorization, and in accordance with instructions from the G-R Unit, the product will be returned to the G-R Unit, shipping charges prepaid by Buyer.
- 3. Damages:** The G-R Unit's liability for damages for breach of this Limited Warranty shall not exceed the amount of the purchase price of the product or part(s) in respect to which such damages are claimed. **IN NO EVENT SHALL THE G-R UNITS BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES FOR BREACH OF THIS LIMITED WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Limited Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.



Engine Driven Utility Pumps

NEW 1" HIGH RPM MODEL AVAILABLE

- **Cast Iron or Aluminum Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **1" to 1.5" NPT Port Sizes**
- **Self-Priming up to 20 Ft.**
- **Semi-Open, Clog Resistant Impellers**
- **Engine Options: Honda GXH50, B&S 4-Cycle and Tecumseh 2-Cycle**
- **Pumps Include Carry Handle & Steel Base**



1.5" Utility Pump (Cast Iron)

The AMT line of Engine Driven Utility pumps offers economy, durability, portability and performance all in one neat package. Ideal for general purpose dewatering, irrigation, spraying, washdown and agricultural applications. Model 2858-95 is cast iron and features a self-priming plastic impeller coupled to a B&S 4-cycle engine. Models 4381-96 and 4382-96 are aluminum construction and feature (2) garden hose adapters, and a built-in check valve.

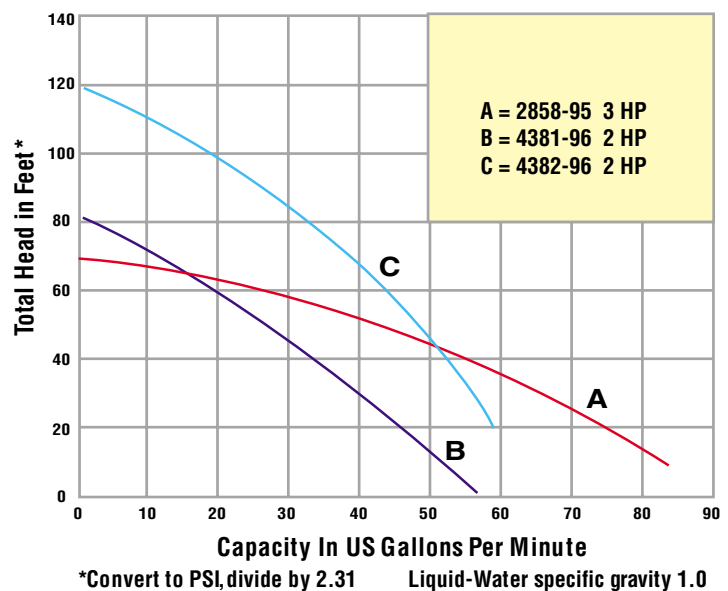
AMT Engine Driven Dewatering pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

INDUSTRIAL DUTY



1" Utility Pump (Aluminum)

Performance of Engine Driven Dewatering Pumps



Engine Driven Utility Pumps

1" Dewatering Pump



Model	Curve	Driver	Ship Wt.	Run Time	Tank size
4381-96*	B	Tecumseh 2-Cycle	18 lbs.	30 min.	20 oz.
4382-96	C	Honda GXH50	25 lbs.	60 min.	1.3 qt.

Construction – Cast Aluminum

Solids Handling – 3/32"

*Includes 8 oz. can of 2-cycle oil

Standard Features

- Two Garden Hose Adapters
- Buna-N Mechanical Seal
- O-Ring Casing Seal
- Self-primers to 15 ft. with Built-in Check Valve
- Replaceable Volute
- Max Temperature 180° F
- Max Working Pressure 60 PSI
- Delivers Up to 52 PSI
- Maximum 59 GPM

1.5" Dewatering Pump (4 Cycle)



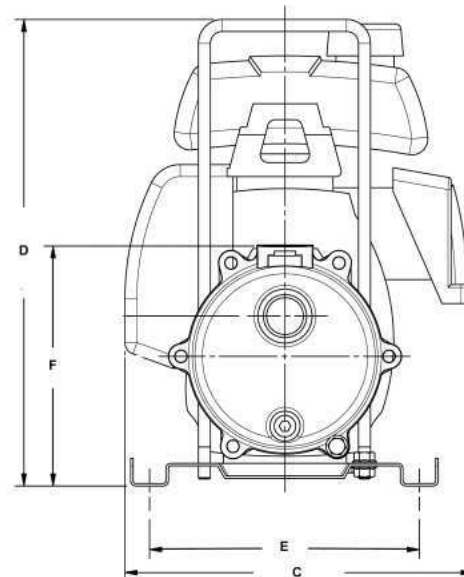
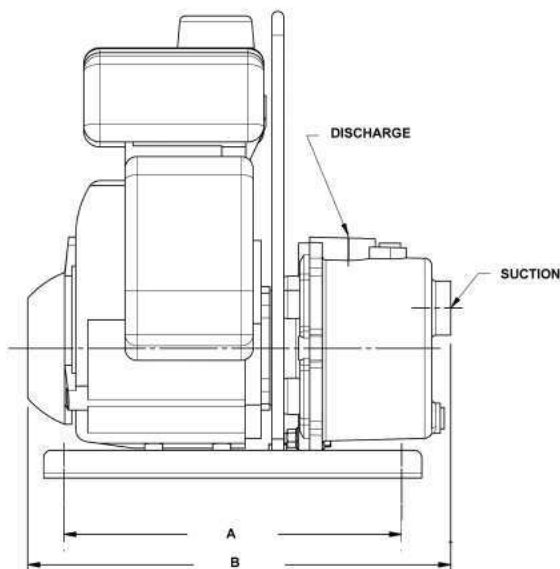
Model	Curve	Driver	Ship Wt.	Run Time	Tank size
2858-95	A	B&S 525	57 lbs	180 min.	3 qt.

Construction – Cast Iron

Solids Handling – 1/4"

Standard Features

- Two 1.5" NPT Pipe Nipples
- Buna-N Mechanical Seal and O-Ring
- O-Ring Casing Seal
- Self-primers to 20 ft.
- Semi-Open, Clog Resistant Impeller
- Stainless Steel Shaft Sleeve
- Max. Temperature 180° F
- Max Working Pressure 60 PSI
- Delivers up to 31 PSI
- Dual Volute Design
- Maximum 85 GPM



Model	Curve	A	B	C	D	E	F	Suc	Dis
2858-95	A	10.6	16.6	17.4	16.1	8.4	8.5	1.5"	1.5"
4381-96	B	9	13.4	10.5	11.8	4.4	9.1	1"	1"
4382-96	C	10.6	13.2	10.9	14.6	8.4	7.5	1"	1"

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

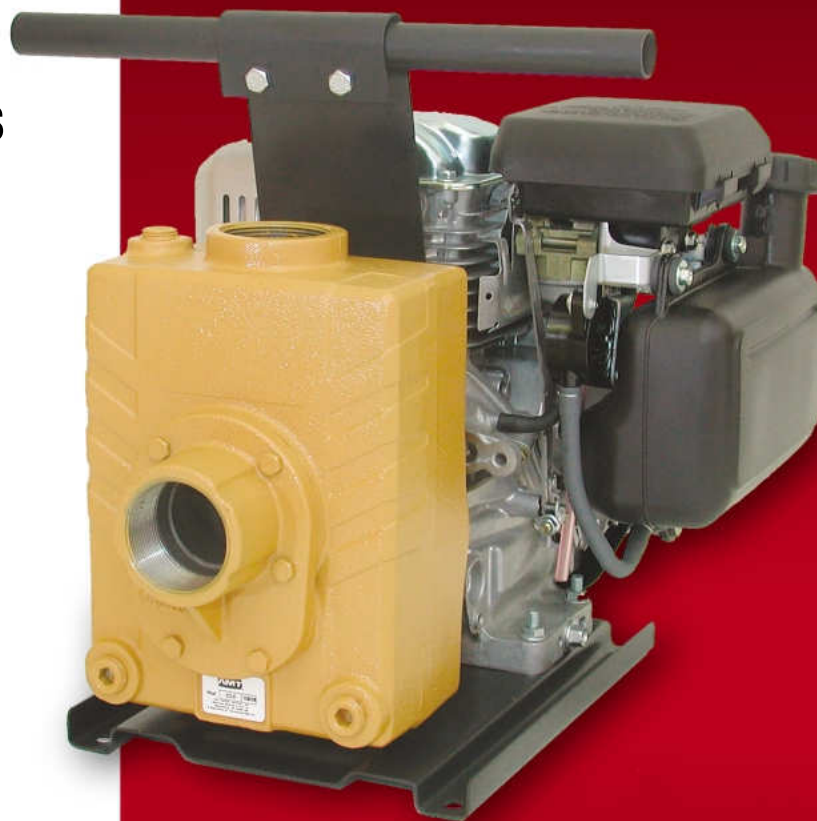
NOTE: Dimensions have a tolerance of $\pm 1/8"$.



**NEW
BUILT-IN
CHECK VALVE
ON CAST IRON
PUMPS**

2" Engine Driven AG/Dewatering Pumps

- **Cast Iron or Thermoplastic Construction**
- **Buna or Viton® Mechanical Seal**
- See Spec Chart for Specific Model
- **Optional Seals Available**
(See Price Sheet for Specific Model Options)
- **2" NPT Port Sizes**
- **Self-Priming up to 20 ft.**
- **Semi-Open, Clog Resistant Impellers**
- **Engine Options: Honda and Briggs & Stratton**
- **Pumps Include Carrying Handle**
- **Heavy Duty Steel Base on Cast Iron Models**
- **Built in Flapper/Check Valve**



2" Dewatering Pump (Cast Iron)



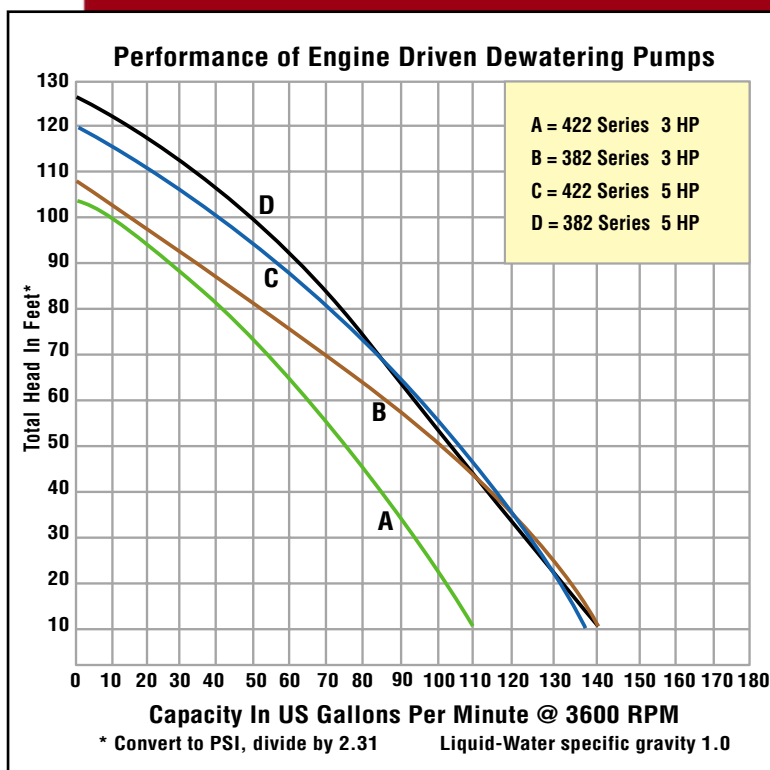
2" Thermoplastic Pump

The AMT line of Engine Driven Dewatering pumps offers economy, durability, portability and performance all in one neat package. Ideal for general purpose dewatering, irrigation, spraying, washdown and agricultural applications. Cast Iron pumps feature dual volute design that reduces radial load on engine. Built in flapper/check valves enable constant self-priming to 20 ft. Pump construction materials range from Cast Iron to corrosion resistant thermoplastic components featuring removable/replaceable volutes, impellers and wearplates. Pumps are available with Briggs & Stratton or Honda engines. Viton®, EPDM and Silicon Carbide mechanical seal options are available on specific models.

AMT Engine Driven Dewatering pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont

INDUSTRIAL DUTY





2" Cast Iron AG/Dewatering Pumps

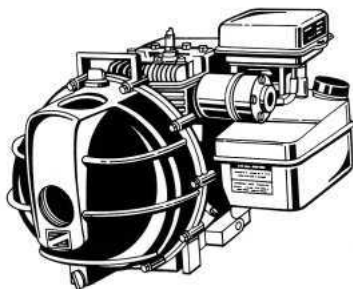
Model#	Curve	Ports	Driver	Construction	Seal	Ship Wt.	Run Time	Tank size
4222-95	A	2" NPT	B&S 525	Cast Iron	Buna	65	180 min.	3 qt.
4222-V5	A	2" NPT	B&S 525	Cast Iron	Viton®	65	180 min.	3 qt.
4223-95	C	2" NPT	B&S CP650	Cast Iron	Buna	76	90 min.	3 qt.
4223-V5	C	2" NPT	B&S CP650	Cast Iron	Viton®	76	90 min.	3 qt.
4225-95	C	2" NPT	HONDA GC160	Cast Iron	Buna	70	60 min.	1.8 qt.
4225-V5	C	2" NPT	HONDA GC160	Cast Iron	Viton®	70	60 min.	1.8 qt.

Maximum Solids Handling Capability: 3/8" Diameter

Standard Features

- Two NPT Pipe Nipples
- Buna-N Mechanical Seal
- Optional Viton® or Silicon Carbide Mechanical Seals
- Built in flapper/check valve
- Fiber Gasket Casing Seal
- Self-primes to 20 ft.
- Semi-Open, Clog Resistant Impeller
- Stainless Steel Shaft Sleeve
- Maximum Temperature 180° F
- Maximum Working Pressure 60 PSI
- Delivers up to 52 PSI and 8400 GPH (Maximum)
- Dual Volute Design

2" Thermoplastic AG/Dewatering Pumps

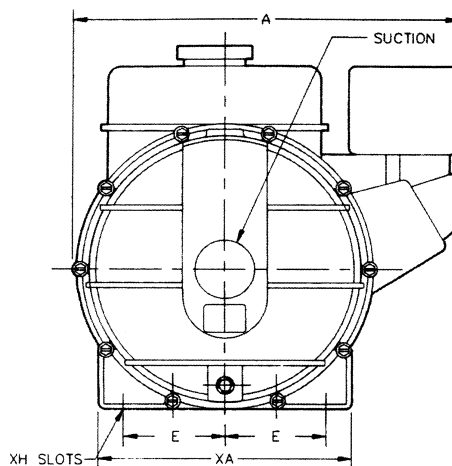
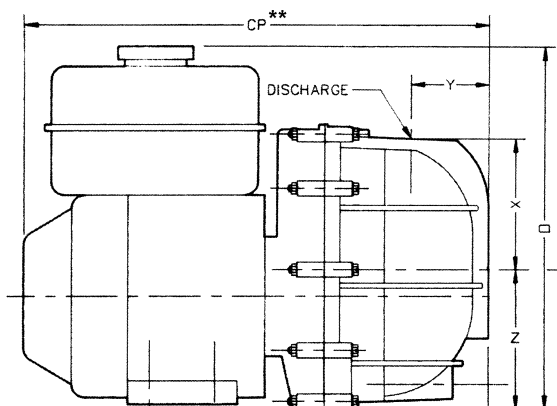


Model#	Curve	Ports	Driver	Construction	Seal	Ship Wt.	Run Time	Tank size
3824-99	B	2" NPT	B&S 525	Polypropylene	Buna	38	180 min.	3 qt.
3825-99	D	2" NPT	B&S CP550	Polypropylene	Buna	43	90 min.	3 qt.
382A-99	D	2" NPT	HONDA GC160	Polypropylene	Buna	45	60 min.	1.8 qt.

Maximum Solids Handling Capability: 7/16" Diameter

Standard Features

- Two NPT Pipe Nipples
- Buna-N Mechanical Seal and Flapper Valve
- Optimal EPDM Mechanical Seal Available 1000-999-E0
- O-Ring Casing Seal
- Self-primes to 20 ft. with Built in Check Valve
- Replaceable Volute
- Maximum Temperature 130° F
- Maximum Working Pressure 60 PSI
- Delivers up to 54 PSI and 8460 GPH (Maximum)



MODEL#	HP CLASS++	A	XA	CP**	E	XH	O	X	Y	Z
3824-99	3.5	16.5	7.3	17.8	3.6	.44 X .64	13.2	4.8	2.8	5.5
3825-99	5.5	16.5	7.3	17.8	3.6	.44 X .64	13.2	4.8	2.8	5.5
382A-99	5.0	16.5	7.3	17.8	3.6	.44 X .64	13.2	4.8	2.8	5.5
4222 Series	3.5	17.4	8.4	17.6	4.2	.40 X .40	16.1	6.8	4.4	4.9
4223 Series	5.5	17.4	8.4	17.6	4.2	.40 X .40	16.1	6.8	4.4	4.9

(++) HP Class represents market category and is not intended to define actual horsepower Viton® is a registered trademark of E.I. DuPont

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.



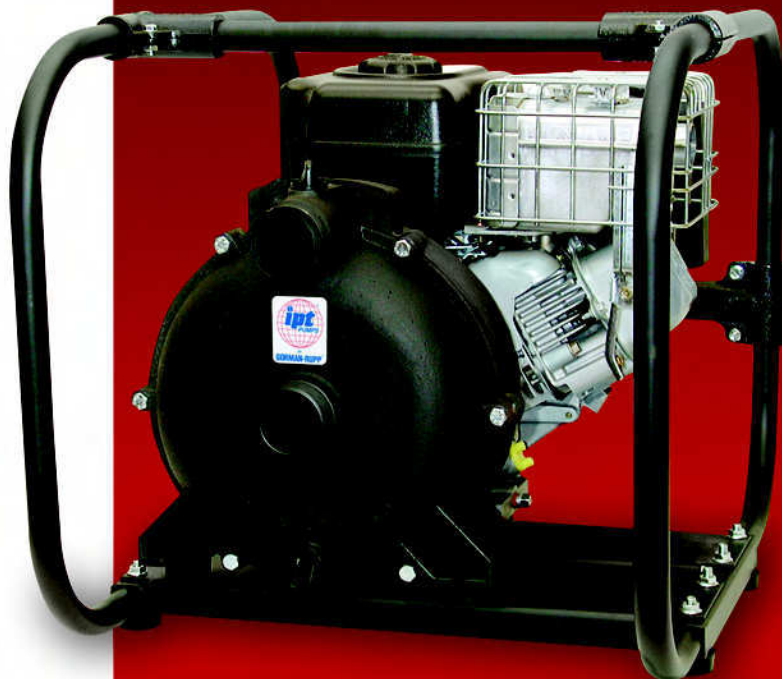
Engine Driven General Purpose Portable Pumps

Cast Iron Self-Priming Engine Driven Pumps

- Available with Honda, B&S Gasoline or Yanmar Diesel Engines
- 2" and 3" Port Sizes
- Cast Iron Construction
- Max. Flow: 300 GPM
- Max. Head: 106 Ft.
- Max. Solids Handling: 1/2" or 3/4"
- Max. Lift: 26 Ft.
- EPDM Seal and O-Rings
- Optional Viton® Elastomers & Carbide Seal
- Optional Wheel Kit

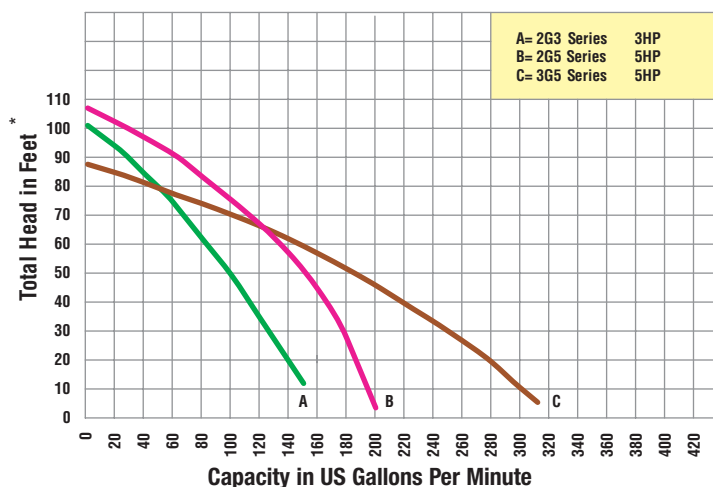
Portable Self-Priming Pumps available in Cast Iron Construction. Engine options include B&S, Honda or Yanmar. Heavy duty roll cage and strainer included. Many IPT Pumps are readily available "Off-the-Shelf" for fast 24 hour shipment. Additional Models Available in IPT Trash Pump Series. For use with nonflammable liquids compatible with pump component materials.

COMMERCIAL DUTY



Model 2G5ACR

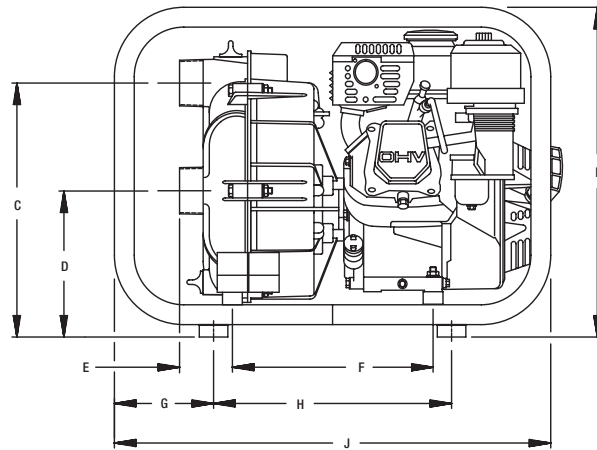
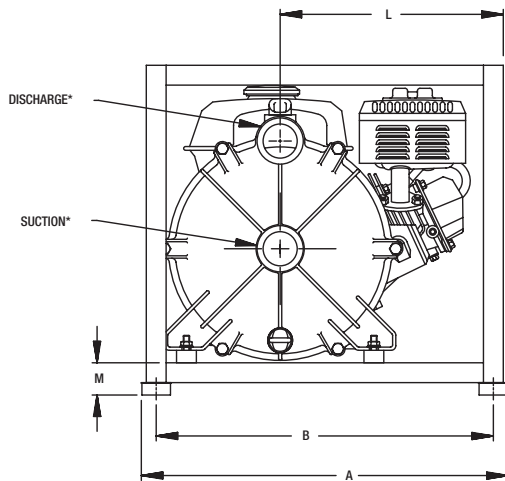
Performance of General Purpose Pumps



*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

General Purpose Portable Pumps



DIMENSIONS:
INCHES

[MILLIMETERS]

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	DISCH*	SUCT*
2G3	19.50 [495]	18.00 [457.2]	12.81 [325.4]	7.38 [187.4]	2.67 [67.8]	10.19 [258.8]	7.40 [187.1]	9.30 [235.5]	24.3 [617]	20 [508]	11.36 [288.5]	1.80 [46.2]	** 2.00	** 2.00
2G5	19.50 [495]	18.00 [457.2]	12.81 [325.4]	7.38 [187.4]	2.83 [71.9]	10.29 [261.4]	7.40 [187.1]	9.30 [235.5]	24.3 [617]	20 [508]	11.36 [288.5]	1.80 [46.2]	** 2.00	** 2.00
3G5	19.50 [495]	18.00 [457.2]	13.40 [340.4]	7.38 [187.4]	5.22 [132.6]	10.12 [257.0]	7.40 [187.1]	9.30 [235.5]	24.3 [617]	20 [508]	11.36 [288.5]	1.80 [46.2]	** 3.00	** 3.00

(**) STANDARD NPT (MALE) PIPE THREAD.

2" General Purpose Dewatering Pumps

C. Iron Model#	Ship Wt.	Curve	Ports	Driver	Seal	Run Time	Tank size
2G3ACR	94	A	2" NPT	B&S 525	EPDM/CER/CAR	180 min.	3 qt.
2G5QCR	98	B	2" NPT	Honda GC160	EPDM/CER/CAR	60 min.	1.8 qt.
2G5ACR	100	B	2" NPT	B&S CP650	EPDM/CER/CAR	90 min.	3 qt.
2G5HCR	104	B	2" NPT	HONDA GX160	EPDM/CER/CAR	100 min.	3.8 qt.
2G5YCR	125	B	2" NPT	Yanmar Diesel L48	EPDM/CER/CAR	110 min.	2.6 qt.

Maximum Solids Handling Capability: 1/2" Diameter

3" General Purpose Dewatering Pumps

C. Iron Model#	Ship Wt.	Curve	Ports	Driver	Seal	Run Time	Tank size
3G5QCR	111	C	3" NPT	Honda GC160	EPDM/CER/CAR	60 min.	1.8 qt.
3G5ACR	121	C	3" NPT	B&S CP650	EPDM/CER/CAR	100 min.	3 qt.
3G5HCR	125	C	3" NPT	HONDA GX160	EPDM/CER/CAR	100 min.	3.8 qt.
3G5YCR	146	C	3" NPT	Yanmar Diesel L48	EPDM/CER/CAR	110 min.	2.6 qt.

Maximum Solids Handling Capability: 3/4" Diameter

5/8" Threaded Kit (Single)

Cast Iron Model #	Cast Iron Ship Wt. (lbs.)	Seal Type & Elastomer/Faces	Mounting
2G3C	30	EPDM Cer/Car	Handle
2G5C	31	EPDM Cer/Car	Handle
3G5C	39	EPDM Cer/Car	Handle

Standard Features

- Cast Iron Impeller and Cast Iron Volute
- EPDM Seal with Ceramic & Carbon Faces
- Optional Viton®/Carbide Seal & O-Ring
- Built-In Check Valve
- Horizontal Discharge and Male NPT Threaded Connections
- Choice of Briggs & Stratton, Honda Gasoline or Yanmar Diesel Engines
- Optional Wheel Kit
- Strainer Supplied
- Heavy Duty Roll Frame
- Maximum Temperature 180° F
- Additional Models Available in IPT Trash Pump and High Pressure Pump Series.



*Viton® and Teflon® are registered trademarks of DuPont.

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 2

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

CP7-8 / 1208



INDUSTRIAL DUTY

2" Engine Driven Dredging Pump

- **High Chromium Stainless Steel Internal Components Resist Wear from Sea Water Mixed with Abrasive Sand**
- **Silicon Carbide Mechanical Seal Resists Abrasives and Extends Seal Life**
- **Heavy Duty Cast Iron Casing and Adapter Ensures Durability for Severe Service Conditions**
- **Dual Volute Design**
- **O-Ring Casing Seal for Ease of Service and Cleaning**
- **Maximum Working Pressure 75 PSI**
- **Maximum Temperature 160° F**
- **Maximum Flow 173 GPM**
- **Discharge Pressure up to 44 PSI**
- **Handles up to 1/2" Diameter Solids**
- **Self-primes to 10 ft. in 1 Minute!!**
- **Maximum Suction Lift 20 ft.**
- **Available with Honda Gasoline and Yanmar Diesel Engines**

AMT Engine Driven Dredging pump is designed for pumping sea water and fresh water containing up to 25% sand, debris and other abrasive particles. This unit can be used for other marine applications including dredging, pile driving, pier maintenance, emergency bilging and wash down.

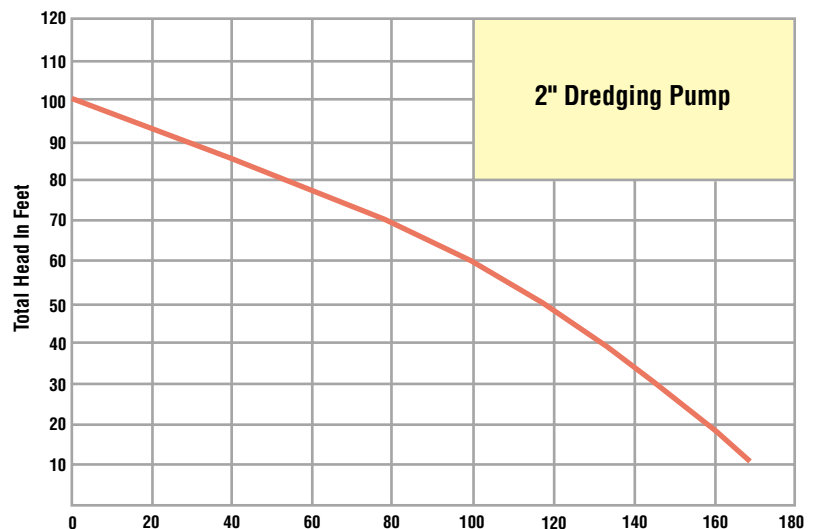
This pump is constructed of wear resistant High Chromium Stainless Steel internal components that are designed to last for over 500 hours of service with regular maintenance of rinsing pump after each use. The High Chromium Stainless Steel components are investment cast and CNC machined for maximum efficiency, performance and quality. Dual volute design reduces radial load on engine. The 4-bolt casing design and removable type volute offer simple maintenance and fast cleanout of the pump.

AMT Dredging pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials.



316F-95 Dredging Pump

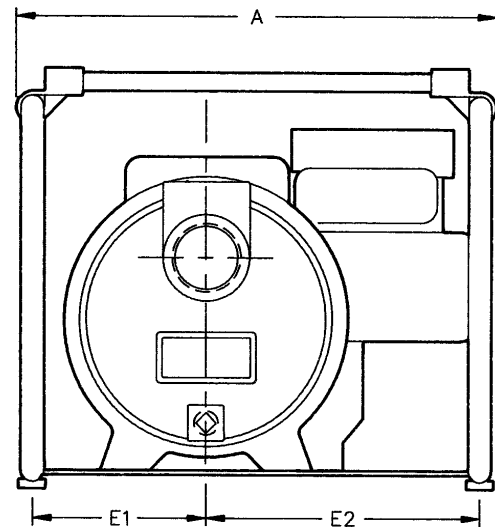
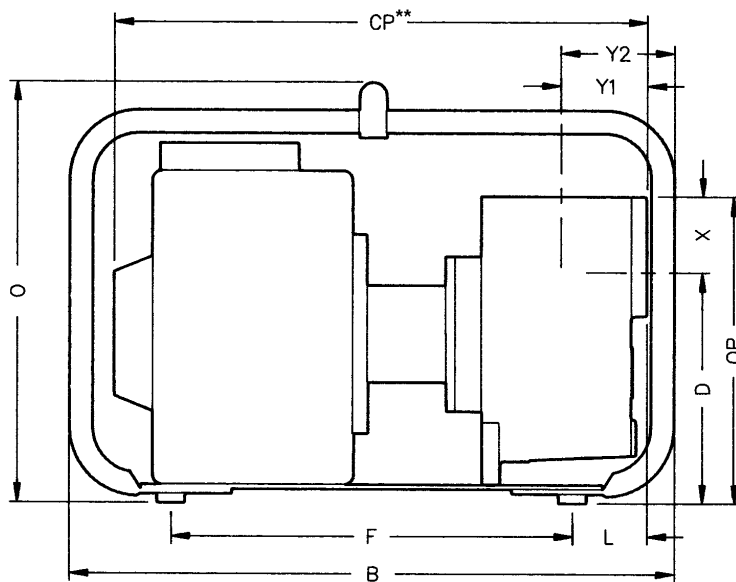
Performance of 2" Dredging Pump



Capacity in US Gallons Per Minute @ 3600 RPM

*Convert to PSI, divide by 2.31 Liquid-Water specific gravity 1.0

2" Engine Driven Dredging Pump



Pump Dimensional Data

Model No.	A	B	CP**	D	E1	E2	F	L	O	OP	X	Y1	Y2
316F-95	19.5	24.3	19.0	6.8	7.0	11.0	9.3	6.0	20	9.5	2.6	3.1	4.6
316F-D5	19.5	24.3	19.0	6.8	7.0	11.0	9.3	6.0	20	9.5	2.6	3.1	4.6
316F-99*	8.0	N/A	15.1	6.3	1.9	1.9	2.5	4.9	8.9	8.9	2.6	3.1	N/A

(**) This dimension may vary due to engine manufacturer's specifications. (*) Minimum 5hp required.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

Model No.	Port Size	Driver	Construction	Seal	Run Time	Tank Size	Max Solids	Ship Wt.
316F-95	2" NPT	Honda GX160 OHV with Oil Alert	Cast Iron w/ High Chromium Stainless Steel Wear Parts	Silicon Carbide w/ Buna-N	100 min.	3.8 Qt	1/2"	85 lbs.
316F-D5	2" NPT	Yanmar Diesel L48	Cast Iron w/ High Chromium Stainless Steel Wear Parts	Silicon Carbide w/ Buna-N	110 min.	2.6 Qt	1/2"	95 lbs.
316F-99	2" NPT	Pedestal Ball Bearing w/3/4" Keyed Shaft	Cast Iron w/ High Chromium Stainless Steel Wear Parts	Silicon Carbide w/ Stainless Buna-N	N/A	N/A	1/2"	50 lbs.

Standard Features

- High Chromium Stainless Steel Internal Components Resist Wear from Sea Water Mixed with Abrasive Sand
- Silicon Carbide/Buna-N Mechanical Seal Resists Abrasives and Extends Seal Life
- Heavy Duty Cast Iron Casing and Adapter Insures Durability for Severe Service Conditions
- O-ring Casing Seal for Ease of Service and Cleaning
- Maximum Working Pressure 75 PSI
- Maximum Temperature 160° F
- Maximum Flow 173 GPM
- Maximum Head 101 ft. @ Sea Water (42 PSI)
- Handles up to 1/2" Diameter Solids
- Self-primers to 10 ft. in 1 Minute; Maximum 20 ft. lift
- Includes (2) NPT Pipe Nipples and Suction Strainer
- Available with Honda Gasoline and Yanmar Diesel Engines



See price book page 1

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

CP9-10 / 1006



**NEW
DIESEL MODELS
& BUILT-IN CHECK
VALVE ON 3"
PUMPS**

Gasoline & Diesel Driven Solids Handling Pumps

- **Heavy Duty Cast Iron Construction**
- **Buna or Viton® Mechanical Seal**
- See Spec Chart for Specific Model
- **1-1/2" to 3" NPT Port Sizes**
- **Self-Priming up to 20 ft.**
- **Semi-Open, Clog Resistant Impellers**
- **Engine Options: Honda, B&S or Yanmar**
- **Solids Handling up to 3/4" Diameter**
- **Electric Start Options Available**
- **Pumps Include Heavy Duty Steel Roll Frames**
- **Wheel Kits Available with Semi-Pneumatic or Pneumatic Tires**



3" Solids Handling Pump

The AMT line of Engine Driven Solids Handling pumps offers an upgraded debris handling capability in wear resistant Cast Iron construction. Applications include high volume liquid transfer, irrigation, commercial draining and construction. All these models feature removable/replaceable Cast Iron wearplate/volute, clog resistant impellers and/or wearplates to ensure a long life for the complete pump. Dual volute design reduces radial load on engines.

AMT Engine Driven Solids Handling pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

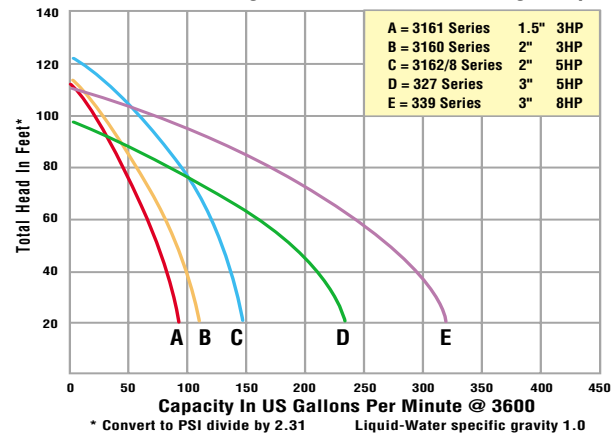
Viton® is a registered trademark of E.I. DuPont

INDUSTRIAL DUTY

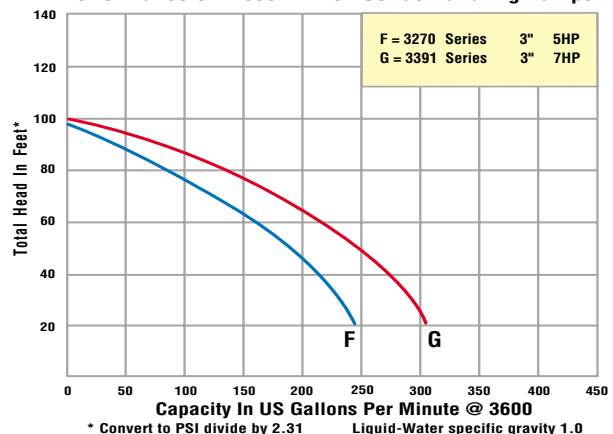


2" Solids Handling Pump

Performance of Engine Driven Solids Handling Pumps



Performance of Diesel Driven Solids Handling Pumps





1.5" & 2" Cast Iron Solids Handling Pumps

Model#	Curve	Ports	Driver	Seal	Ship Wt.	Run Time	Tank size
3161-95	A	1.5" NPT	B&S 525	Buna	75	180 min.	3 qt
3160-95	B	2" NPT	B&S 525	Buna	75	180 min.	3 qt.
3162-95	C	2" NPT	B&S CP650	Buna	82	90 min.	3 qt.
3168-95	C	2" NPT	HONDA GC160	Buna	80	60 min.	1.8 qt.

Maximum Solids Handling Capability: 3/8" Diameter



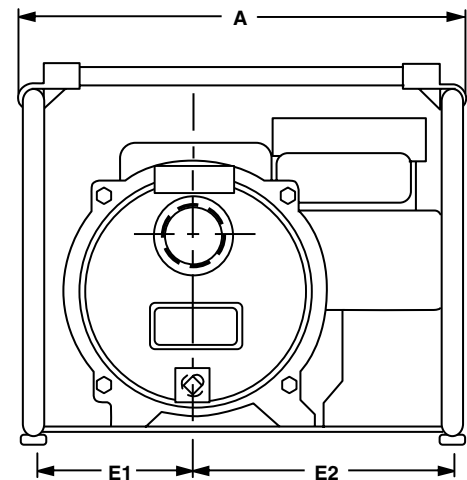
3" Cast Iron Solids Handling Pumps

Model#	Curve	Ports	Driver	Seal	Ship Wt.	Run Time	Tank size
327A-V5	D	3" NPT	Honda GC160	Viton®	107	60 min.	1.8 qt.
3270-D5	F	3" NPT	Yanmar Diesel L48	Viton®	126	110 min.	2.6 qt.
3390-95	E	3" NPT	B&S 1350 Series*	Buna	137	90 min.	4 qt.
3393-V5	E	3" NPT	Honda GX270*	Viton®	138	100 min.	6.4 qt.
3391-V5	E	3" NPT	Honda GX270*++	Viton®	170	100 min.	6.4 qt.
3391-D5	G	3" NPT	Yanmar Diesel L70++	Viton®	196	110 min.	6 qt.

Maximum Solids Handling Capability: 3/4" Diameter

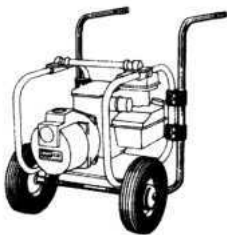
++ 12V DC Electric Start (battery not included)

* Oil Alert Included

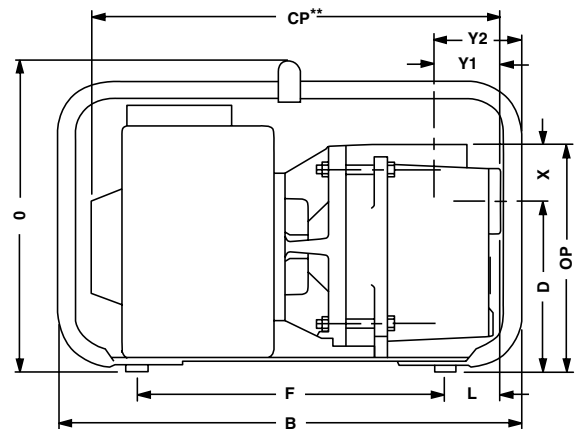


Optional Wheel Kits

for roll frame pumps



Model #	Features	Ship Wt.
A734-90	Includes 10" semi-pneumatic tires on steel wheels with cast iron clamps and steel handle for universal mounting to frame.	26 lbs.
A735-90	Includes 16" pneumatic tires on steel wheels with cast iron clamps and steel handle for universal mounting to frame	29 lbs.



MODEL#	HP CLASS++	A	B	CP**	D	E1	E2	F	L	O	OP	X	Y1	Y2
316 Series	3HP	15.5	19.0	17.5	6.8	5.0	9.0	8.5	4.5	16.0	9.5	2.6	3.1	4.6
316 Series	5HP	19.5	24.3	19.0	6.8	7.0	11.0	9.3	6.0	20	9.5	2.6	3.1	4.6
327 Series	5HP	19.5	24.3	19.0	10.3	7.0	11.0	9.3	6.0	20	13.8	3.5	6.0	7.1
339 Series	8HP	21.3	27.3	23.5	10.3	7.6	12.1	13.3	6.0	23.8	13.8	3.5	6.0	7.1

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

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

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Standard Features

- Two NPT Pipe Nipples
- Viton® or Buna Mechanical Seals
- See spec chart for specific model
- Self-primers to 20 ft.
- Semi-Open, Clog Resistant Cast Iron Impeller
- Stainless Steel Shaft Sleeve
- Maximum Temperature 180° F
- Maximum Working Pressure 60 PSI
- Wear Resistant Cast Iron Replaceable Volute/Wearplate and Impeller
- Solids Handling Capability
- Built-in Flapper/Check Valve



**NEW
IPT
REDESIGN**

Engine Driven Portable Trash Pump

*Cast Aluminum Self-Priming
Engine Driven Pumps*

- *Cast Aluminum with Cast Iron Wearparts*
- *Available with Honda, B&S Gasoline, or Yanmar Diesel Engines*
- *Removable Suction and Discharge Port Sizes: 2" and 3"*
- *Max. Flow: 200 to 300 GPM*
- *Max. Head: 105 to 115 ft.*
- *Max. Lift: 26 ft.*
- *Max. Solids Handling: 2S5- 1"; 3S5- 1.25"*
- *Silicon Carbide/Viton® Mechanical Seal*
- *Easy Clean Out with One Tool Serviceability*
- *EPDM O-Rings Standard; Optional Viton®*
- *Optional Wheel Kit*



Model 2S5XHR

High-volume self-priming centrifugal trash pumps come standard with a ductile iron impeller to resist abrasion and one tool serviceability for cleanout. All pumps feature aluminum housing, cast iron wearparts, built-in check valve, suction strainer and heavy duty steel frame. Standard Flanges with male NPT threads.

Many IPT Trash Pumps are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

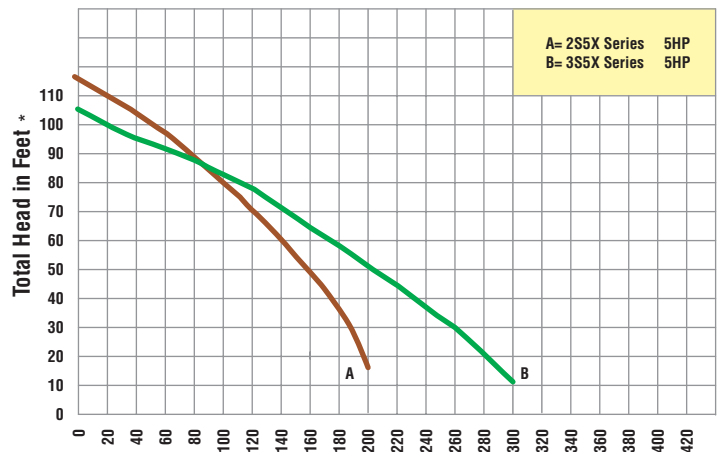
*Viton® is a registered trademark of DuPont

COMMERCIAL DUTY



Model 3S5XHR

Performance of Trash Pump



Capacity in US Gallons Per Minute

*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

Portable Trash Pump

2" Trash Pumps (EPDM O-rings and Check Valve)

Alum. Model#	Ship Wt.	Curve	Ports	Driver	Seal	Run Time	Tank size
2S5XAR	87	A	2" NPT	B&S CP650	VITON®*/SIC-SIC	100 min.	3 qt.
2S5XHR	91	A	2" NPT	Honda GX160	VITON®*/SIC-SIC	100 min.	3.8 qt.
2S5XYR	112	A	2" NPT	Yanmar Diesel L48	VITON®*/SIC-SIC	110 min.	2.6 qt.

Maximum Solids Handling Capability: 1" Diameter

3" Trash Pumps (EPDM O-rings and Check Valve)

Alum. Model#	Ship Wt.	Curve	Ports	Driver	Seal	Run Time	Tank size
3S5XAR	96	B	3" NPT	B&S CP650	VITON®*/SIC-SIC	100 min.	3 qt.
3S5XHR	100	B	3" NPT	Honda GX160	VITON®*/SIC-SIC	100 min.	3.8 qt.
3S5XYR	121	B	3" NPT	Yanmar Diesel L48	VITON®*/SIC-SIC	110 min.	2.6 qt.

Maximum Solids Handling Capability: 1.25" Diameter

5/8 Threaded Kit (Single)

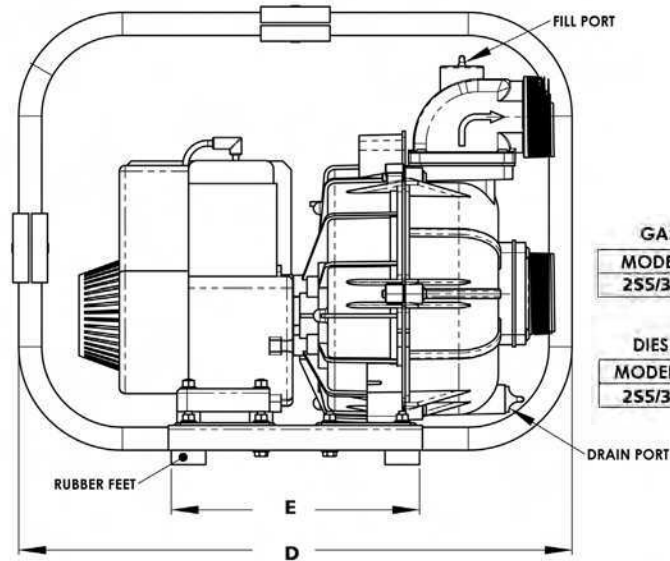
Alum. Model #	Alum. Ship Wt. (lbs.)	Seal Type & Elastomer /Faces	Mounting
2S5X	40	Viton®*/Sic/Sic	Handle
3S5X	46	Viton®*/Sic/Sic	Handle

*Viton® is a registered trademark of DuPont

Standard Features

- Cast Iron Impeller
- One Tool Serviceability, Tool Included with Engine Driven Models
- Silicon Carbide, Self-Lubricated Seal with Graphite Impregnated Seat and EPDM Elastomers
- Heavy Duty Steel Frame
- Large Pump Casing
- Built-In EPDM Check Valve
- Removable/Replaceable Cast Iron Suction/Discharge Ports
- Discharge Port Rotates in 90° Increments
- Choice of Honda and Briggs & Stratton Gas or Yanmar Diesel Engines
- Optional Wheel Kit Available
- Strainer Included
- Rubber Foot Mounting
- Maximum Temperature 180°F
- Optional Viton®* O-Ring / Check Valve Available
- Pedestal Version Available

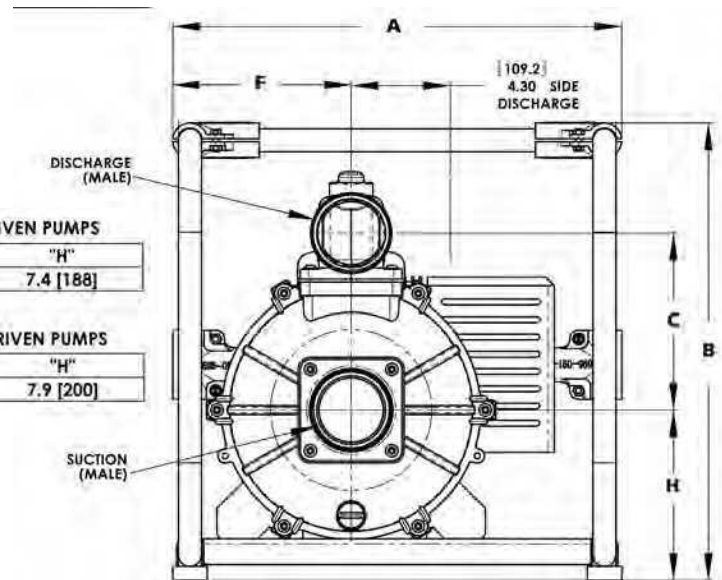
WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.



DIMENSIONS:
INCHES
[MILLIMETERS]

MODEL	A	B	C	D	E	F	DISCH*	SUCT*
2S5X	19.5 [495]	19.9 [505]	7.7 [195]	24 [610]	10.8 [274]	7.5 [190]	2.00	2.00
3S5X	19.5 [495]	19.9 [505]	7.7 [195]	24 [610]	10.8 [274]	7.5 [190]	3.00	3.00

(*) STANDARD NPT (MALE) PIPE THREAD





**NEW
DIESEL
MODELS**

INDUSTRIAL DUTY

Engine Driven Trash Pumps

- **Cast Iron or Cast Aluminum Construction**
- **Viton®/Silicon Carbide Mechanical Seal and Buna-N O-Ring**
- **1.5", 2", 3" or 4" NPT Port Sizes**
- **Self-Priming up to 20 ft.**
- **Engine Options: Honda, Briggs & Stratton Gasoline or Yanmar Diesel**
- **Available in 3-1/2 to 16 HP Engines**
- **Pumps Include Heavy Duty Base or Roll Frame**
- **Solids Handling up to 2" Diameter**
- **3" & 4" Include Front Cleanout**



2" Pump with Wheel Kit



3" Engine Driven Trash Pump

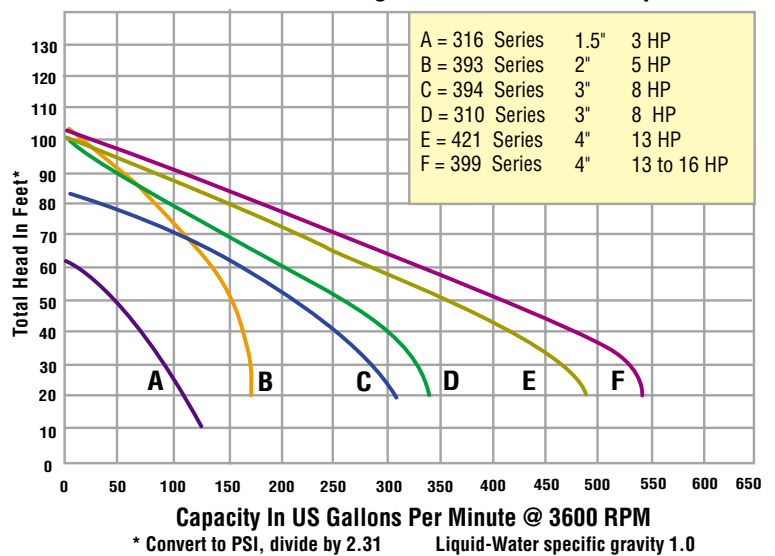
The AMT line of Engine Driven Trash pumps is designed for applications which require high flow efficiency and solids handling capability. Pumps are constructed of heavy duty sand cast components featuring removable/replaceable Cast Iron volutes, impellers and wearplates. Simple cleanout design permits easy removal of trash and debris without disconnecting hoses. Pumps are available with side valve or overhead valve engines from various engine manufacturers. An electric start option is available on many models.

AMT Engine Driven Trash pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.



4" Engine Driven Trash Pump

Performance of Engine Driven Trash Pumps



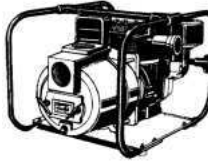


1.5" & 2" Trash Pumps

Model#	Curve	Ports	Driver	Seal	Ship Wt. lbs.	Run Time	Tank size
316T-95	A	1.5" NPT	B&S 525	Viton®/SIC	76	180 min.	3 qt.
3930-95	B	2" NPT	B&S CP650*	Viton®/SIC	110	120 min.	4qt.
3932-95	B	2" NPT	Honda GX160*	Viton®/SIC	104	100 min.	3.8 qt.
3930-D5	B	2" NPT	Yanmar Diesel L48	Viton®/SIC	125	110 min.	2.6 qt.

Max. Diameter Solids Handling Capability: 1.5" Model = 3/4"; 2" Models = 1"
Cast Iron Construction

3" Trash Pumps

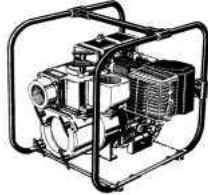


Model#	Curve	Ports	Driver	Seal	Ship Wt. lbs.	Run Time	Tank size
3941-96	C	3" NPT	B&S 1350 Series*	Viton®/SIC	143	90 min.	4 qt.
3943-96	C	3" NPT	Honda GX270*	Viton®/SIC	158	100 min.	6.4 qt.
3944-96	C	3" NPT	Honda GX270*++	Viton®/SIC	185	100 min.	6.4 qt.
3942-D6	C	3" NPT	Yanmar Diesel L100++	Viton®/SIC	205	110 min.	6 qt.

Maximum Diameter Solids Handling Capability: 1.5" Diameter
Aluminum w/ Cast Iron Wearparts Construction

3" Premium Trash Pumps

features additional cleanout covers for heavy debris applications



Model#	Curve	Ports	Driver	Seal	Ship Wt. lbs.	Run Time	Tank size
3100-96	D	3" NPT	B&S 1350 Series*	Viton®/SIC	151	90 min.	4 qt.
3103-96	D	3" NPT	Honda GX270*	Viton®/SIC	107	100 min.	6.4 qt.
3104-96	D	3" NPT	Honda GX270*++	Viton®/SIC	126	100 min.	6.4 qt.
3102-D6	D	3" NPT	Yanmar Diesel L100++	Viton®/SIC	137	100 min.	6 qt.

Maximum Diameter Solids Handling Capability: 1.5" Diameter
Aluminum w/ Cast Iron Wearparts Construction

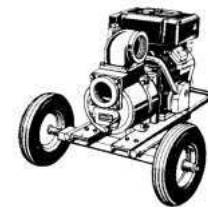
Optional Wheel Kits

for frame mounted pumps



Model#	Features	Ship Wt.
A734-90	Includes 10" semi-pneumatic tires on steel wheels with cast iron clamps and steel handle for universal mounting to frame.	26 lbs.
A735-90	Includes 16" pneumatic tires on steel wheels with cast iron clamps and steel handle for universal mounting to frame.	29 lbs.

4" Trash Pumps

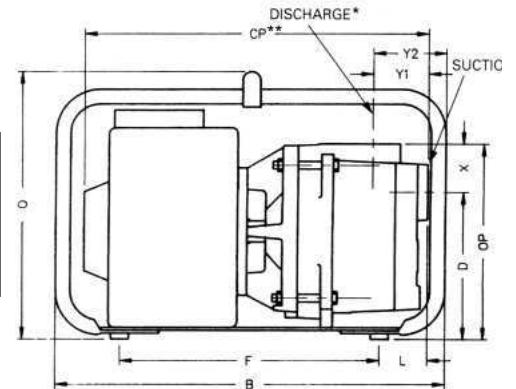


Model#	Curve	Ports	Driver	Seal	Ship Wt. lbs.	Run Time	Tank size
4210-96	E	4" NPT	B&S Vanguard OHV13*	Viton®/SIC	238	90 min.	6.4 qt.
3993-96	F	4" NPT	B&S Vanguard OHV16*++	Viton®/SIC	294	100 min.	9 qt.
3994-96	F	4" NPT	Honda GX390*++	Viton®/SIC	299	80 min.	6.9 qt.
3993-D6	F	4" NPT	Yanmar Diesel L100++	Viton®/SIC	320	100 min.	6 qt.

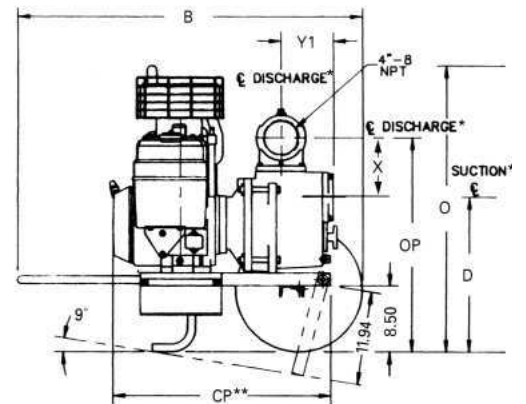
Maximum Diameter Solids Handling Capability: 2" Diameter
Aluminum w/ Cast Iron Wearparts Construction

Standard Features

- Two NPT Pipe Nipples
- Viton®/Silicon Carbide Mechanical Seal
- Buna-N O-Ring Casing Seal
- Self-primers to 20 ft. with Built In Buna Check Valve
- Stainless Steel Shaft Sleeve
- Steel Suction Strainer Included
- Cast Iron Replaceable Volute/Wearplate & Impeller
- Maximum Temperature 180° F
- Maximum Working Pressure 60 PSI
- 1.5", 2" & 3" Models Include Steel Roll Frame
- 4" Models Include Wheel Kit and Base Rails
- Vanguard and Honda Engines are Overhead Valve (OHV) Designs with Low Oil Alert and Briggs & Stratton 1350 Series Engine with Oil Alert and High Oil Fill



1 1/2" 2" & 3" Models



4" Models

Pump Dimensional Data

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

* Oil Alert Included

++12V DC Electric Start (battery not included)

MODEL#	WIDTH	B	CP**	D	F	L	O	OP	X	Y1	Y2
316 Series	15.5	19.0	17.5	6.8	8.5	4.5	16.0	9.5	2.6	3.2	4.6
393 Series	19.5	24.3	19.0	8.5	9.3	6.0	20.0	11.5	3.0	3.5	5.3
394 Series	21.3	27.3	25.5	11.0	13.3	6.0	23.8	14.5	3.5	5.0	6.0
310 Series	21.3	27.3	20.1	11.6	13.3	6.0	23.8	13.6	2.0	8.3	11.3
421 Series	37.5	44.5	27.4	19.6	N/A	N/A	36.3	27.5	7.8	6.5	N/A
399 Series	37.5	44.5	27.4	19.6	N/A	N/A	36.3	27.5	7.8	6.5	N/A

See price book page 5

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

CP15-16 / 1006



INDUSTRIAL DUTY

6" Engine Driven Trash Pumps

**NEW
HEAVY
DUTY
TRAILER**

- **Cast Aluminum Casing and Adapter**
- **Cast Iron Seal Plate, Volute & Manifold**
- **Stainless Steel Impeller**
- **Silicon Carbide Mechanical Seal and Buna O-Rings & Flapper/Check Valve**
- **6" NPT Port Size**
- **Self Priming to 20 Ft.**
- **Available with Honda V-Twin Gas Engine, Briggs and Stratton Vanguard V-Twin Gas Engine, or Daihatsu Vanguard 3/LC Diesel**
- **Available in Trailer Mounted or Skid Mounted**
- **Solids Handling to 3" Diameter**
- **Unique Slide Mechanism Permits Complete Service of Pump Without Removing Hoses or Removing Pump Components From Trailer, PATENT PENDING**
- **Includes Seal Wash Feature for Extended Seal Life**
- **12 VDC Electric Start; Digital Tachometer/hourmeter Included**
- **D.O.T. Approved Trailer – See Your State and Local Codes For Registration**

The AMT 6" engine driven pump is designed for applications requiring high volume flow and solid/debris handling capabilities. Pump is constructed of heavy duty sand cast aluminum with cast iron and stainless steel internal parts for wear resistance and durability. Patent pending built-in slide mechanism features nylon and powder coated steel components that permit servicing, repairing and cleaning entire pump without removing hoses or pump components from trailer. Digital tachometer/hourmeter.

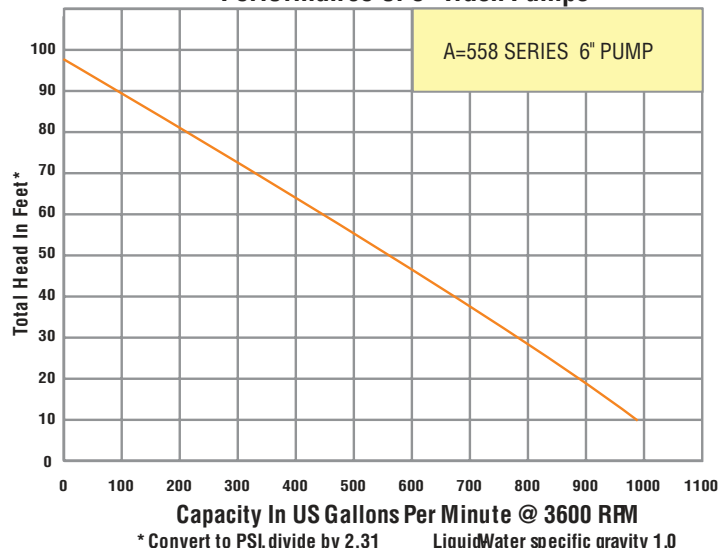
AMT Engine Driven Trash pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

Requires 12 Volt Battery: BCI Group 24, Min. of 500 CCA (Cold Crank Amps) Battery Box Cables setup for automotive post type connection.



6" Diesel Driven Trash Pump (5585-D6)

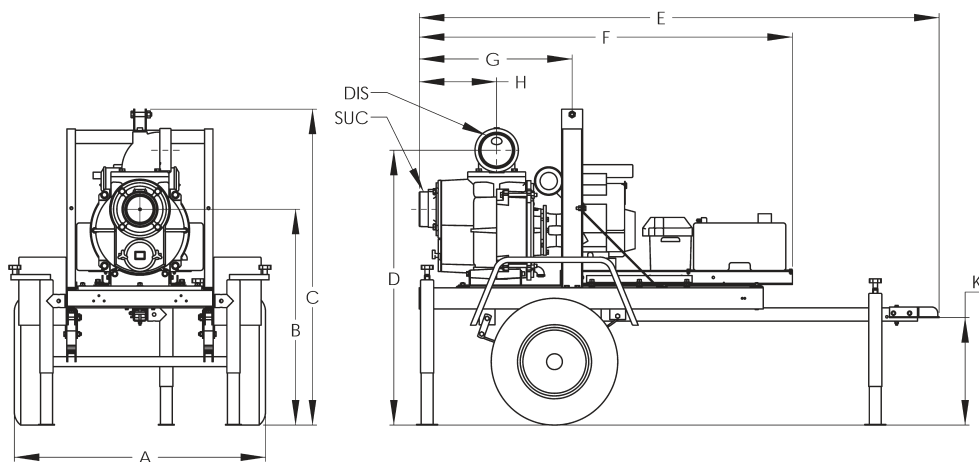
Performance of 6" Trash Pumps



6" Engine Driven Trash Pumps

Pump Dimensional and Specification Data

Model	Curve	Driver	Tank Size	Run Time	Max Solids Dia.	Base	Ship Wt	Engine Type
5585-H6	A	Honda GX670 V-Twin	12 Gal.	6 Hrs.	3"	Trailer	1125 lbs.	2Cyl. Air Cooled
5586-H6	A	Honda GX670 V-Twin	12 Gal.	6 Hrs.	3"	Skid	725 lbs.	2Cyl. Air Cooled
5585-B6	A	B&S Vanguard V-Twin	12 Gal.	6 Hrs.	3"	Trailer	1150 lbs.	2Cyl. Air Cooled
5586-B6	A	B&S Vanguard V-Twin	12 Gal.	6 Hrs.	3"	Skid	750 lbs.	2Cyl. Air Cooled
5585-D6	A	Daihatsu Vanguard 3/LC	16 Gal.	9 Hrs.	3"	Trailer	1250 lbs.	3Cyl. Liquid Cooled
5586-D6	A	Daihatsu Vanguard 3/LC	16 Gal.	9 Hrs.	3"	Skid	850 lbs.	3Cyl. Liquid Cooled



Model	A	B	C	D	E	F	G	H	K	Suction	Discharge
5585-H6	48	41	60	52	99	71	29	15	20	6" NPT-M	6" NPT-F
5586-H6	48	N/A	N/A	N/A	N/A	71	29	15	N/A	6" NPT-M	6" NPT-F
5585-B6	48	41	60	52	99	71	29	15	20	6" NPT-M	6" NPT-F
5586-B6	48	N/A	N/A	N/A	N/A	71	29	15	N/A	6" NPT-M	6" NPT-F
5585-D6	48	41	60	52	99	72	29	15	20	6" NPT-M	6" NPT-F
5586-D6	48	N/A	N/A	N/A	N/A	72	29	15	N/A	6" NPT-M	6" NPT-F

Dimensions are in inches and have a tolerance of $\pm 1/8"$

Standard Features

- Cast Aluminum w/Cast Iron and Stainless Steel Parts for Long Lasting Durability
- Silicon Carbide/Viton Mechanical Seal and Buna O-Rings and Fapper/Check Valve
- Built-in Flapper Check Valve for Fast Priming to 20 ft.
- 3" Solids Handling Capability
- Delivers up to 1000 GPM
- Digital Tachometer/hourmeter Installed
- Low Oil Alert
- Available in Trailer Mounted or Skid Mounted
- D.O.T. Approved Trailer – See your state and local codes for registration
- Easy Cleanout and Service Features with the unique AMT Patent Pending Slide Mechanism
- Includes Seal Wash Feature for Extended Seal Life
- Maximum Temperature 180° F
- 12 VDC Electric Start
- Steel Suction Strainer and Nipple Included



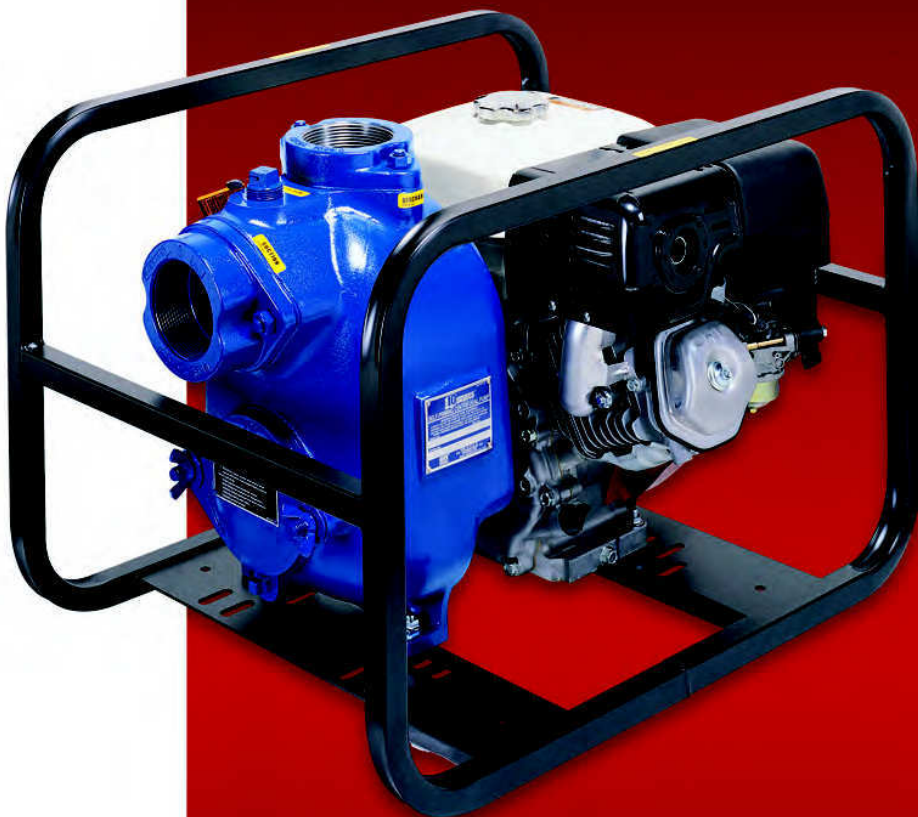
2" and 3" Engine Driven Trash Pumps

- *Cast Aluminum Construction*
- *Pump Includes Heavy Duty Steel Roll Cage*
- *2" or 3" NPT Port Sizes*
- *Self-Priming to 25 Ft.*
- *Engine Options: B&S or Honda Gasoline; Yanmar Diesel*
- *Available with 4.7 to 8 HP Engines*
- *Solids Handling to 1-1/2" Diameter*
- *Viton®/Silicon Carbide Mechanical Seals*

The Gorman-Rupp line of Engine Driven trash pumps is designed for applications which require high flow efficiency and solids handling capability. Pumps are constructed of heavy duty sand cast aluminum components featuring replaceable ductile iron impellers and steel wearplates. Simple front cleanout design permits easy removal of trash and debris without disconnecting hoses. Pumps are available with Briggs & Stratton or Honda gasoline engine or Yanmar diesel engine. All are furnished with heavy-duty steel roll cages, suction strainers, and 90 degree discharge elbows.

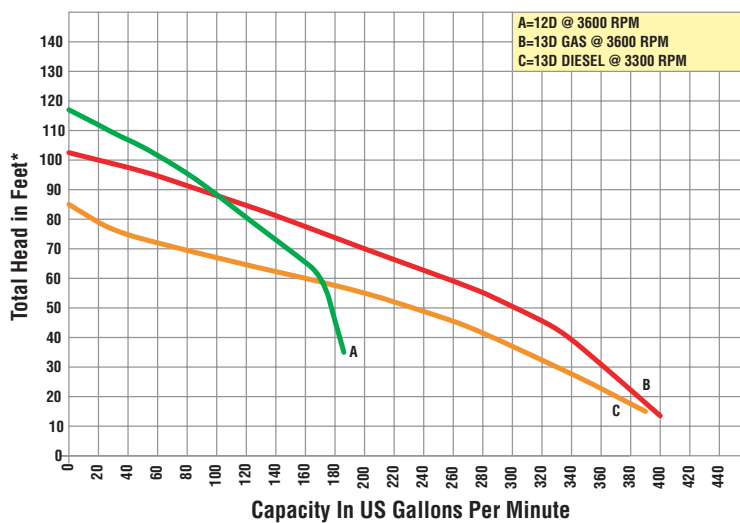
*Viton® is a registered trademark of DuPont

PREMIUM HEAVY DUTY



Model 13D1-GX240

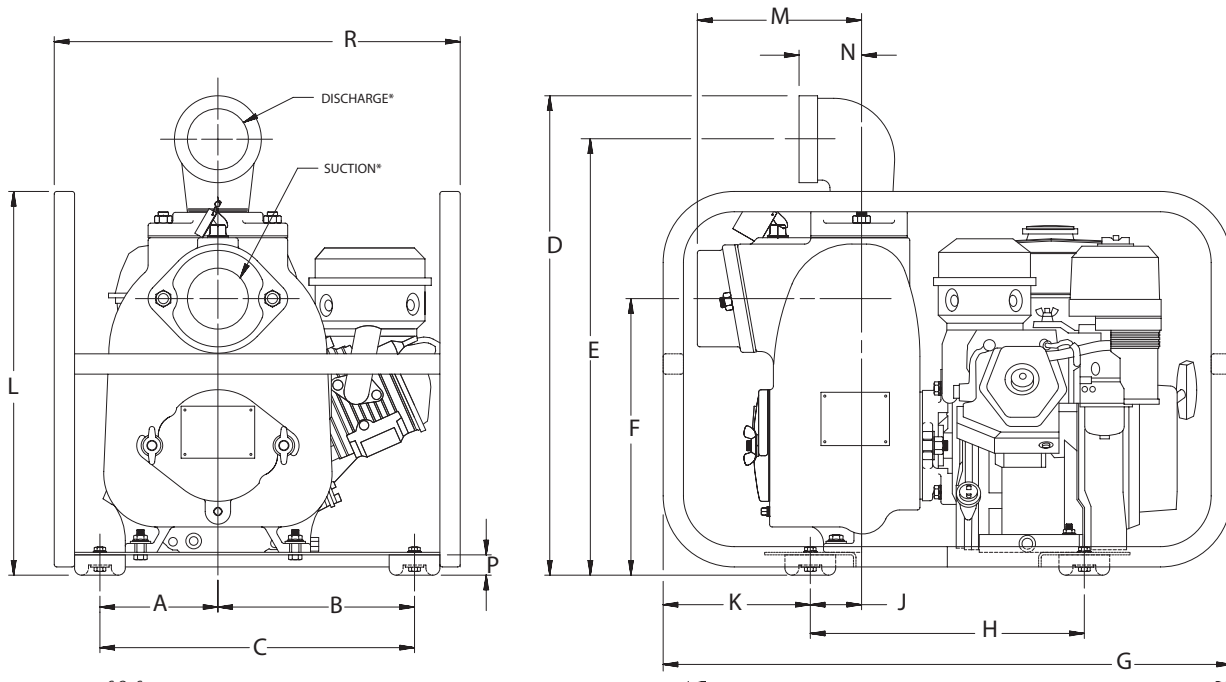
Composite of Performance Curves



*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

2" - 3" Engine Driven Trash Pumps



DIMENSIONS:
INCHES
[MILLIMETERS]

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	SUCT*	DISCH*
12D1-GX160	6.12 [155,4]	10.88 [276,4]	17.00 [431,8]	20.94 [531,9]	19.47 [494,5]	10.84 [275,3]	22.00 [558,8]	12.00 [304,8]	2.56 [65,0]	5.00 [127,0]	18.12 [460,2]	6.00 [152,4]	2.25 [57,2]	.62 [15,7]	18.00 [457,2]	2.00	2.00
12D1-L48EE	8.50 [215,9]	8.50 [215,9]	17.00 [431,8]	21.56 [547,6]	20.12 [511,0]	11.44 [290,6]	22.00 [558,8]	12.00 [304,8]	.96 [24,4]	5.00 [127,0]	18.12 [460,2]	5.96 [151,4]	2.25 [57,2]	.62 [15,7]	18.00 [457,2]	2.00	2.00
13D1-GX270	5.81 [147,6]	9.69 [246,1]	15.50 [393,7]	23.62 [599,9]	21.50 [546,1]	13.62 [345,9]	28.00 [711,2]	13.50 [342,9]	3.06 [77,7]	7.25 [184,2]	18.90 [480,1]	8.06 [204,7]	3.08 [78,2]	1.00 [25,4]	20.00 [508,0]	3.00	3.00
13D1-L70EE	9.81 [249,2]	10.19 [258,8]	20.00 [508,0]	24.41 [620,0]	22.28 [565,9]	14.44 [366,8]	28.00 [711,2]	13.50 [342,9]	2.28 [57,9]	7.25 [184,2]	20.87 [530,1]	8.06 [204,7]	3.08 [78,2]	.62 [15,9]	21.00 [533,4]	3.00	3.00
13D1-L70EE S/G	9.81 [249,2]	10.19 [258,8]	20.00 [508,0]	24.41 [620,0]	22.28 [565,9]	14.44 [366,8]	28.00 [711,2]	13.50 [342,9]	2.28 [57,9]	7.25 [184,2]	20.87 [530,1]	8.06 [204,7]	3.08 [78,2]	.62 [15,9]	21.00 [533,4]	3.00	3.00

(*) STANDARD NPT PIPE THREADS.

2" & 3" ENGINE DRIVEN TRASH PUMPS

Model No.	Description/ Type of Pump	Ship Wt (lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/Faces	Tank Size (Qts.)	Run time	Mounting
12D1-GX160	2" Engine Driven Trash Pumps	84	Honda 5.5	2"x 2"	Alum	Viton® Silicon-Carbide	0.95 gal.	2.03 hrs.	Roll Cage
12D1-L48EE	2" Engine Driven Trash Pumps	138	Yanmar 4.7	2"x 2"	Alum	Viton® Silicon-Carbide	0.66 gal.	1.8 hrs.	Roll Cage
13D1-GX270	3" Engine Driven Trash Pumps	136	Honda 9	3" x 3"	Alum	Viton® Silicon-Carbide	1.6 gal.	2.7 hrs.	Roll Cage
13D1-L70EE	3" Engine Driven Trash Pumps	124	Yanmar 6.7	3" x 3"	Alum	Viton® Silicon-Carbide	0.92 gal.	2.2 hrs.	Roll Cage
13D1-L70EE S/G	3" Engine Driven Trash Pumps	124	Yanmar 6.7	3" x 3"	Alum	Viton® Silicon-Carbide	0.92 gal.	2.2 hrs.	Roll Cage

*Viton® is a registered trademark of DuPont

Standard Features

- Suction Strainer and 90° Discharge Elbow
- Self-primers to 25 ft. with Built-in Flapper Valve
- Replaceable Ductile Iron Impeller and Steel Wearplate
- Maximum Temperature 160° F
- Maximum Operating Pressure to 78 PSI
- Mechanical Seals
- Engine Options: Briggs & Stratton or Honda Gasoline; Yanmar Diesel
- Electric start (13D1-L70EE S/G)

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 6

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

CP19-20/1208



4" and 6" Engine Driven Trash Pumps

- *Cast Iron or Cast Aluminum Construction*
- *Viton® /Silicon Carbide Mechanical Seals*
- *4" or 6" NPT port sizes*
- *Self-priming up to 25 ft.*
- *Engine Options: Honda or Kohler Gasoline Engine; Lombardini, Deutz or John Deere Diesel Engine*
- *Available in 13 - 57 HP Engine*
- *Some Pumps Include Heavy Duty Steel Roll Cages*
- *Two (2) Wheel Truck Assembly or Highway Trailer Standard on Some Models (D.O.T. Approved Trailer - Upon Request)*
- *Solids Handling to 2-5/8" Diameter*



Model 14D1-GX390

The Gorman-Rupp line of 4" and 6" Engine Driven Trash pumps is designed for applications which require high flow efficiency and solids handling capability. Pumps are constructed of heavy duty sand cast aluminum or cast iron with replaceable ductile iron impellers and steel or cast iron wearplates. Simple front cleanout design permits easy removal of trash and debris without disconnecting hoses. Pumps are available with Honda or Kohler gasoline engines or Lombardini, John Deere or Deutz diesel engines. All are furnished with suction strainers and 90 degree discharge elbows.

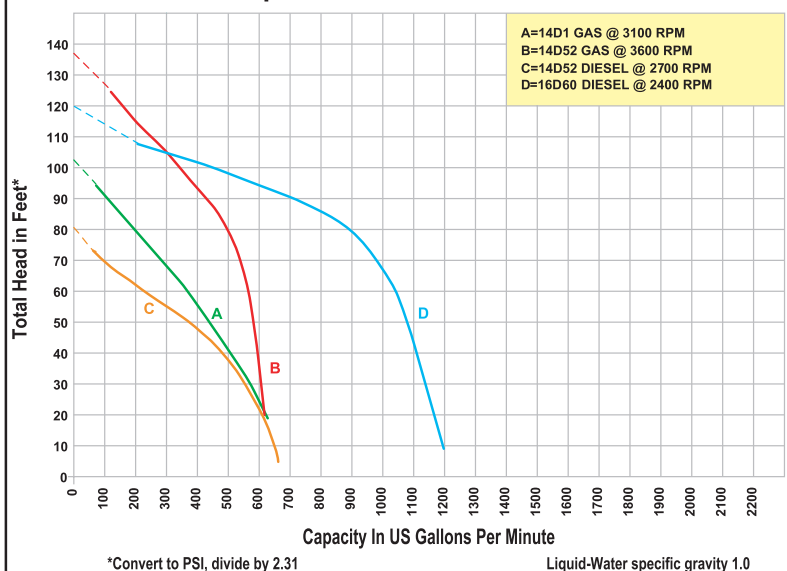
*Viton® is a registered trademark of DuPont

PREMIUM HEAVY DUTY

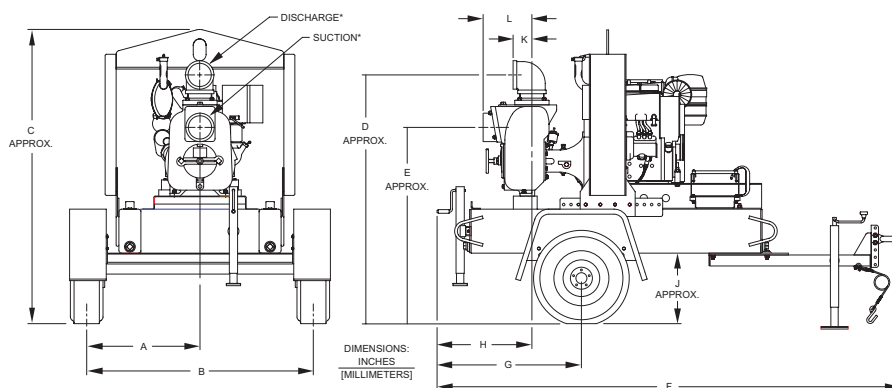


Model 16D60-F3L

Composite of Performance Curves



4" and 6" Engine Driven Trash Pumps

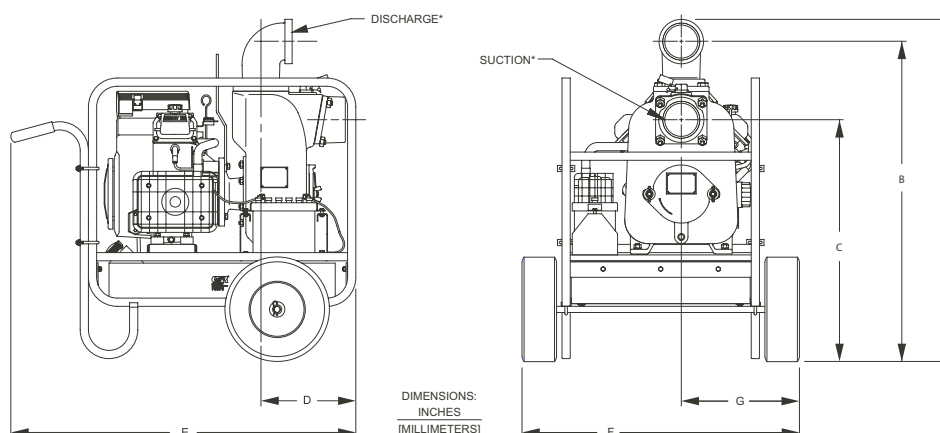


NOTE: ONLY 16D60-F3L AND 16D60-4024T SUPPLIED WITH TORSIONAL AXLE, FENDERS & LIGHT KIT

MODEL	A	B	C	D	E	F	G	H	J	K	L	SUCT*	DISCH*
14D52-12LD S/G	26.56 [674.6]	48.92 [1242.6]	47.46 [1205.5]	44.76 [1136.9]	34.14 [867.2]	78.00 [1981.2]	13.27 [337.0]	9.83 [249.7]	14.62 [371.3]	3.79 [96.3]	10.28 [261.1]	4.00	4.00
16D60-F3L	30.91 [785.1]	61.81 [1570.0]	80.26 [2038.6]	67.92 [1725.2]	53.61 [1361.7]	126.30 [3208.0]	39.37 [1000.0]	25.87 [657.1]	19.23 [488.4]	5.13 [130.3]	13.31 [338.1]	6.00	6.00
16D60-4024T	30.91 [785.1]	61.81 [1570.0]	80.26 [2038.6]	67.92 [1725.2]	53.61 [1361.7]	126.30 [3208.0]	42.12 [1065.2]	25.87 [657.1]	19.23 [488.4]	5.13 [130.3]	13.31 [338.1]	6.00	6.00

(*) STANDARD NPT PIPE THREADS.

ENGINE DRIVEN TRASH PUMPS



NOTE: 14D1-GX390 SHOWN WITH OPTIONAL WHEEL KIT.

MODEL	A	B	C	D	E	F	G	SUCT*	DISCH*
14D1-GX390	29.66 [753.4]	26.96 [684.8]	17.44 [443.0]	12.50 [317.5]	36.50 [927.1]	22.50 [571.5]	13.76 [349.5]	4.00	4.00
14D52-CH23 S/G	41.65 [1057.9]	38.95 [989.3]	29.38 [746.2]	11.53 [292.9]	41.94 [1065.2]	33.72 [856.6]	14.36 [364.8]	4.00	4.00

(*) STANDARD NPT PIPE THREADS.

ENGINE DRIVEN TRASH PUMPS

Model No.	Description/ Type of Pump	Ship Wt (lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	Tank Size	Run time	Mounting
14D1-GX390	4" Engine Driven Trash Pumps	262	Honda 13	4" x 4"	Alum	Viton®* silicon-carbide	6.9 gal.	1.2 hrs.	Roll Cage
14D52-CH23 S/G++	4" Engine Driven Trash Pumps	509	Kohler 23	4" x 4"	Gray Iron	Viton®* silicon-carbide	10 gal.	5 hrs.	Wheels
14D52-12LD477 S/G++	4" Engine Driven Trash Pumps	775	Lombardini Diesel 15.5	4" x 4"	Gray Iron	Viton®* silicon-carbide	11 gal.	15.3 hrs.	Wheels
16D60-F3L++	6" Engine Driven Trash Pumps	2670	Deutz Diesel 55 (air cooled)	6" x 6"	Gray Iron	Viton®* silicon-carbide	61 gal.	31 hrs.	Wheels
16D60-4024T++	6" Engine Driven Trash Pumps	2670	John Deere Diesel 57 (water cooled)	6" x 6"	Gray Iron	Viton®* silicon-carbide	61 gal.	31 hrs.	Wheels

*Viton® is a registered trademark of DuPont ++12 volt electric start. Battery not included

Standard Features

- Suction Strainer and 90° Discharge Elbow
- Self-primers to 25' with Built-in Flap Valve
- Replaceable Ductile Iron Impeller and Cast Iron or Steel Wearplate
- Maximum Temperature to 160°F
- Maximum Operating Pressure to 100 PSI
- Engine Options: Honda or Kohler Gasoline Engine; Lombardini, Deutz or John Deere Diesel Engine

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 7

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

CP21-22/1208



**NEW
IPT
REDESIGN**

Engine Driven Portable High Pressure Pumps

Cast Aluminum Self-Priming Engine Driven Pumps Provides Home Fire Protection with Optional Hose Kit

- Available with Honda, Briggs & Stratton Gasoline, or Yanmar Diesel Engine
- Discharge Port Rotates in 90° Increments
- 2" Suction and Discharge Port Sizes
- Cast Aluminum
- Max. Flow: 130 GPM
- Max. Head: 108 PSI
- Max. Lift: 26 ft.
- EPDM Seals
- One Tool Serviceability
- Use for Fire Protection or Irrigation
- Optional High Pressure Hose Kit
- Optional Viton® Seal & Elastomers
- Optional Wheel Kit



High Pressure Hose Kit 55-338

Use for fire protection or irrigation. Available with a wide choice of standard and heavy-duty gasoline and diesel fueled engines. Unit is standard with die-cast aluminum housing and cast-iron impeller. All models standard with EPDM elastomers and seals. Many models are readily available "Off-the Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

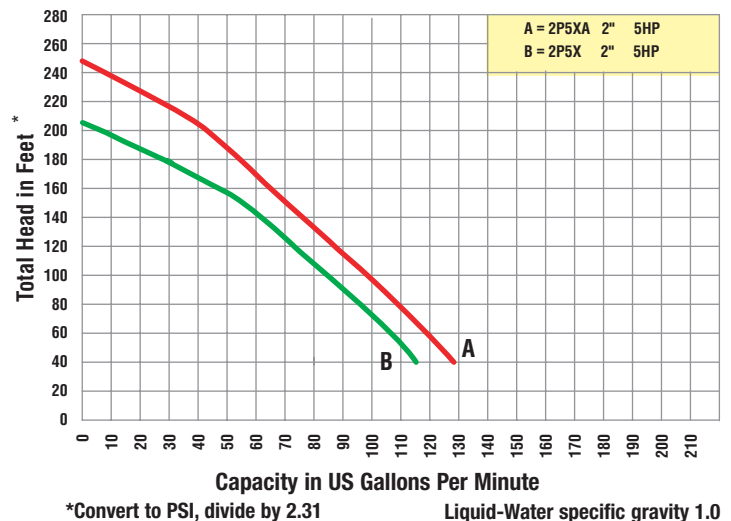
*Viton® and Teflon® are registered trademarks of DuPont

COMMERCIAL DUTY



Model 2P5XHR

Performance of High Pressure Pumps



Portable High Pressure Pumps

2" General Purpose-High Pressure Pumps

Alum. Model #	Alum. Ship Wt. (lbs.)	Curve	Driver	Seal Type & Elastomer/Faces	Tank Size (Qts.)	Run Time	Mounting
2P5XA	68	A	B&S CP650	EPDM/CAR/CER	3	120	Handle
2P5XAR	90	A	B&S CP650	EPDM/CAR/CER	3	120	Roll Cage
2P5XHR	86	B	Honda GX160	EPDM/CAR/CER	3.88	100	Roll Cage
2P5XYR	107	B	Yanmar Diesel L48	EPDM/CAR/CER	2.6	110	Roll Cage

5/8" Threaded Kit (Single)

Alum. Model #	Alum. Ship Wt. (lbs.)	Seal Type & Elastomer /Faces	Mounting
2P5X	35	EPDM/CAR/CER	Handle

2" High Pressure Hose Kit

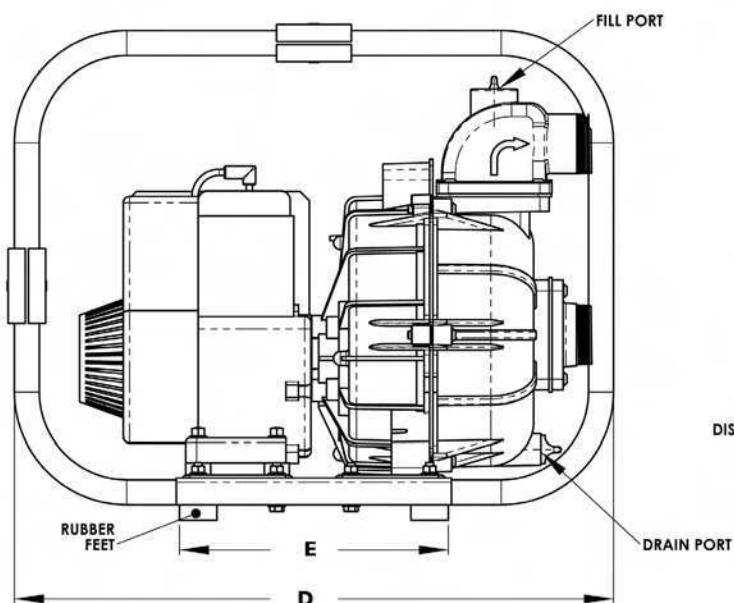
Model #	Ship Wt. (lbs.)
55-338 (100 ft.)	38

*Viton® and Teflon® are registered trademarks of DuPont

Standard Features

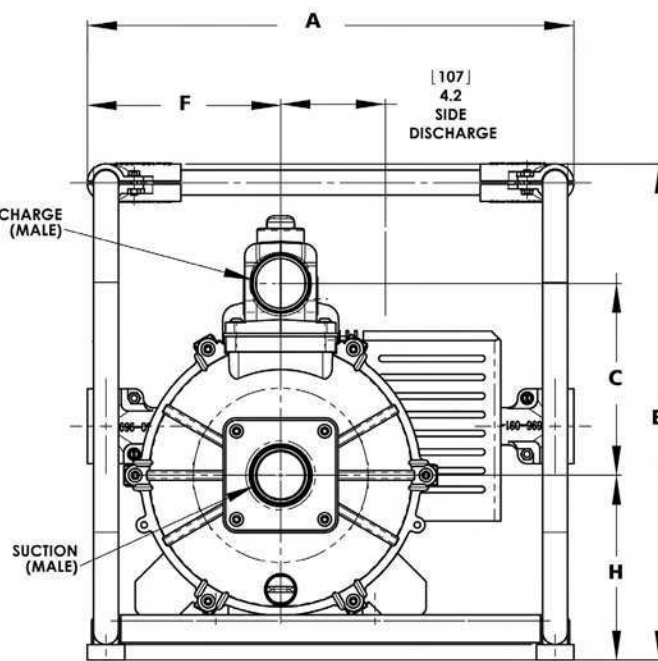
- Aluminum Closed Impeller and Cast Iron Volutes- Die Cast Aluminum Pump
- Large Pump Casing
- Built-In Check Valve
- Removable/Replaceable Cast Iron Suction/Discharge Flanges
- Rotatable Discharge Port in 90° Increments
- EPDM Seal with Carbon and Ceramic Faces
- One Tool Serviceability, Tool Included with Engine Driven Models
- Choice of Briggs & Stratton, Honda Gasoline or Yanmar Diesel Engines
- Optional Wheel Kit
- Optional Viton® Seals and Elastomers
- Strainer Supplied
- Rubber Foot Mounting
- Maximum Temperature 180°F
- Pedestal Versions Available

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.



GAS ENGINE DRIVEN PUMPS	
MODEL - GAS	"H"
2P5X?R	7.4 [188]
DIESEL ENGINE DRIVEN PUMPS	
MODEL - DIESEL	"H"
2P5X?R	7.9 [200]

DIMENSIONS:
INCHES
[MILLIMETERS]



MODEL	A	B	C	D	E	F	DISCH*	SUCT*
2P5X	19.50 [495]	19.90 [505]	7.7 [195]	24 [610]	10.8 [274]	7.5 [190]	* 2.00	* 2.00

(*) STANDARD NPT (MALE) PIPE THREAD.

HIGH PRESSURE PUMP



See price book page 8

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

CP23-24 / 1208



INDUSTRIAL DUTY

Engine Driven High Pressure Pumps

- **Cast Iron and Aluminum Construction**
- **Dual Volute Design on Single Stage Models**
- **Buna-N Mechanical Seal and O-Ring**
- **Optional Viton® Mechanical Seal & O-Ring Available on Single Stage Models**
- **Single and Two Stage Models Available**
- **1-1/2" and 2" NPT Port Size**
- **Self-Priming***
- **Stainless Steel Closed Impellers on 396/478 Series Models**
- **Aluminum Closed Impellers on 583 Series Models**
- **Engine Options: Honda or Briggs & Stratton Gasoline or Yanmar Diesel**
- **Pumps Include Heavy Duty Steel Roll Frame**
- **Wheel Kits Available with Semi-Pneumatic or Pneumatic Wheels**

* Requires Foot Valve Above 10ft.



1.5" High Pressure Pumps with Wheel Kit A734-90

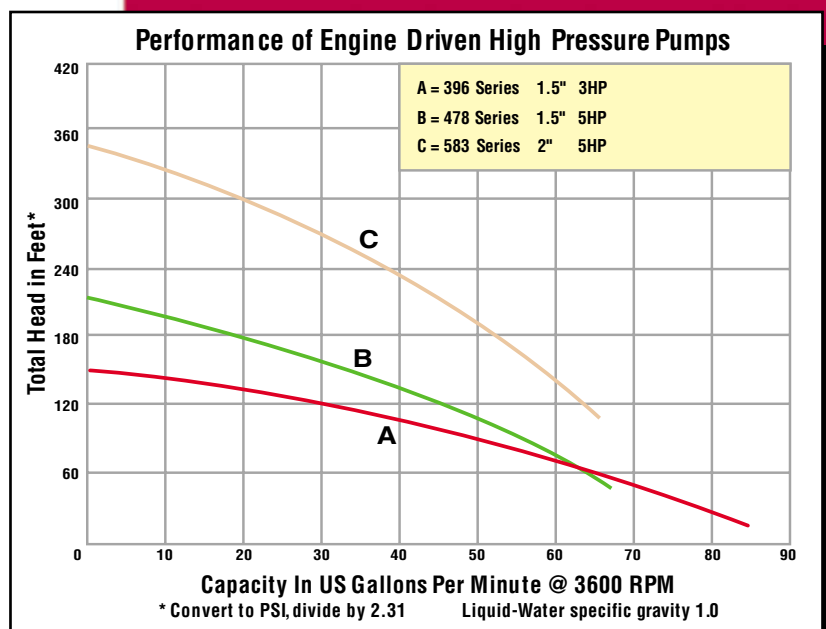
The AMT line of Engine Driven High Pressure pumps is designed for lawn sprinkling, agricultural spraying, dewatering, fire fighting, emergency water supply and pressure boosting. Single stage models feature replaceable Cast Iron dual volutes and stainless steel high efficiency closed impellers. Two-stage models feature Cast Iron diffusers and closed impellers for high efficiency producing up to 155 PSI that generally requires 8 horsepower or more from a single stage pump. Pumps offer a broad selection of gasoline engines from the leading engine manufacturers with dependable service worldwide. All models include Cast Iron pipe nipples and rugged steel roll frame for protection and durability.

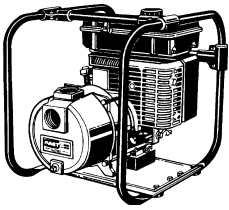
AMT Engine Driven High Pressure pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont



1.5" 2 Stage High Pressure Pumps

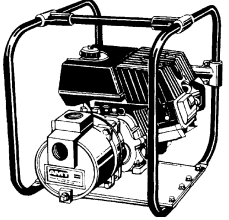




1-1/2" High Pressure Pumps (Single Stage)

Model#	Driver	Ship Wt.	Run Time	Tank Size
3960-95	B&S 525	50 Lbs.	180 Min.	3 Qt.

Cast Iron Construction with Stainless Steel Impellers



1-1/2" High Pressure Pumps (2 Stage)

Model#	Driver	Ship Wt.	Run Time	Tank Size
4787-95	B&S CP650	104 Lbs.	120 Min.	3 Qt.
4789-95	Honda GX160	99 Lbs.	100 Min.	3.8 Qt.

Cast Iron Construction with Stainless Steel Impellers

2 Stage Models Feature Oil Alert on Engines

* Based on a Full Tank of Gas @ Maximum RPM (Approx.)

+ Overhead Valve Engine (OHV)

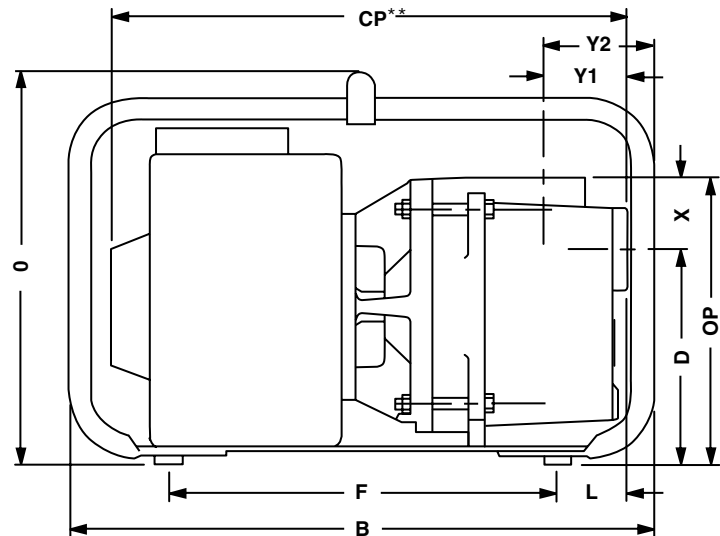
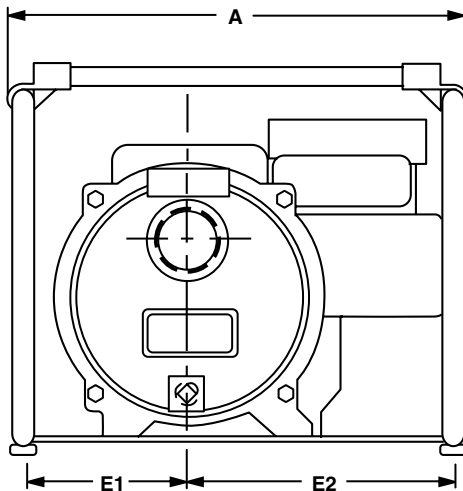
2" High Pressure Pumps (2 Stage)

Model#	Driver	Ship Wt.	Run Time	Tank Size
5830-96	B&S CP650	70 Lbs.	120 Min.	3 Qt.
5831-96	Honda GX160	66 Lbs.	100 Min.	3.8 Qt.
5830-D6	Yanmar Diesel L48	87 Lbs.	110 Min.	2.6 Qt.

Aluminum Construction

Standard Features

- Two NPT Pipe Nipples
- Buna-N Mechanical Seal and O-Ring
- Optional Viton® Mechanical Seal and O-Ring Available on Single Stage
- Self-primers to 10 ft. w/o Foot Valve on 2 Stage Models
- Replaceable Volute/Diffuser
- Stainless Steel High Efficiency Closed Impellers on 396/478 Series
- Maximum Temperature 180° F
- Maximum Working Pressure 150 PSI
- Single Stage Models Deliver up to 70 PSI and 4500 GPH
- Two Stage Models Deliver up to 150 PSI and 5000 GPH
- Optional Wheel Kits
A734-90 10" Semi Pneumatic
A735-90 16" Pneumatic



MODEL#	CURVE	HP Class++	A	B	CP**	D	E1	E2	F	L	O	OP	X	Y1	Y2
396 Series	A	3.5 HP	15.5	19.0	17.5	6.8	5.0	10.0	8.5	4.5	16.0	9.5	2.6	3.5	4.6
395 Series	B	5.5 HP	19.5	24.3	19.0	8.5	7.0	11.0	9.3	6.0	20.0	11.5	3.0	3.5	5.3
478 Series	C	5.5 HP	19.5	24.3	19.0	7.1	7.0	11.0	9.3	6.5	20.0	9.7	2.6	3.1	4.1
583 Series	D	5.5 HP	19.5	24.3	19.0	6.0	7.0	11.0	9.3	6.5	20.0	15	8	4	5

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

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

Viton® is a registered trademark of E.I. DuPont

See price book page 9

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

CP25-26 / 1006

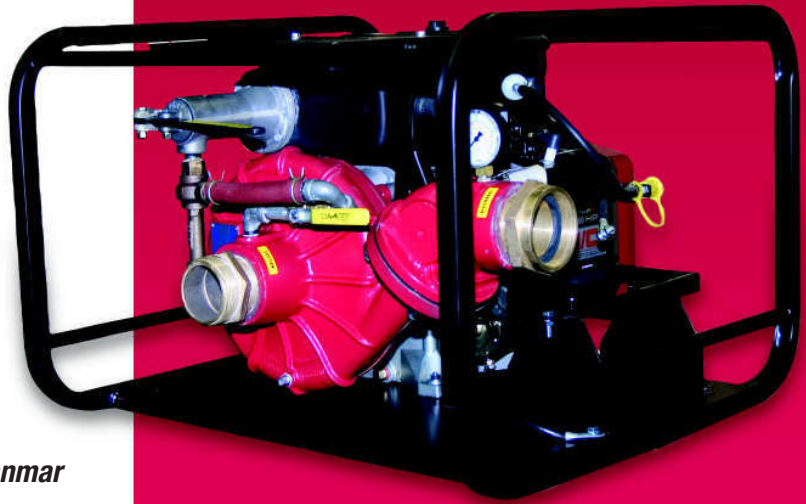


NEW
DIESEL AND
HONDA
MODELS

Engine Driven Fire Pumps

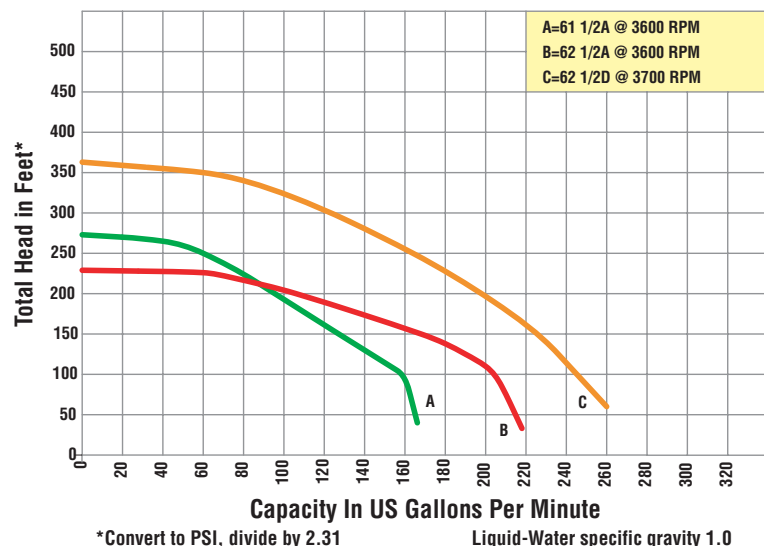
- *Aluminum Construction with Replaceable Bronze Wear Rings*
- *Viton® Mechanical Seals with Carbon and Ni-resist Faces*
- *2-1/2" x 1-1/2" and 2-1/2" x 2-1/2" Sizes Available*
- *Primes up to 25 Ft.*
- *Powered by Honda or Kohler Gasoline, Yanmar Diesel Engines*
- *Pumps Include Heavy Duty Roll Cage*
- *Discharge Pressure Gauge and Discharge Check Valve Included*
- *Brass Hose Adapters, NPT to National Standard Fire Hose Thread*
- *Brass Hose Adapters and Strainer Included*

The Gorman-Rupp line of engine driven high pressure fire pumps delivers up to 156 PSI and 250 GPM. They are equipped with an exhaust or hand primer and can handle solids up to 5/16" diameter. All units have a built-in check valve and include a discharge pressure gauge, brass hose adapters – NPT to National Standard Fire Hose Threads, and a suction strainer. Pump suction and discharge threads are NPT. A portable 6 gallon fuel tank with a 6 foot fuel line and primer bulb is standard with 62 1/2D1-CH23 S/G.

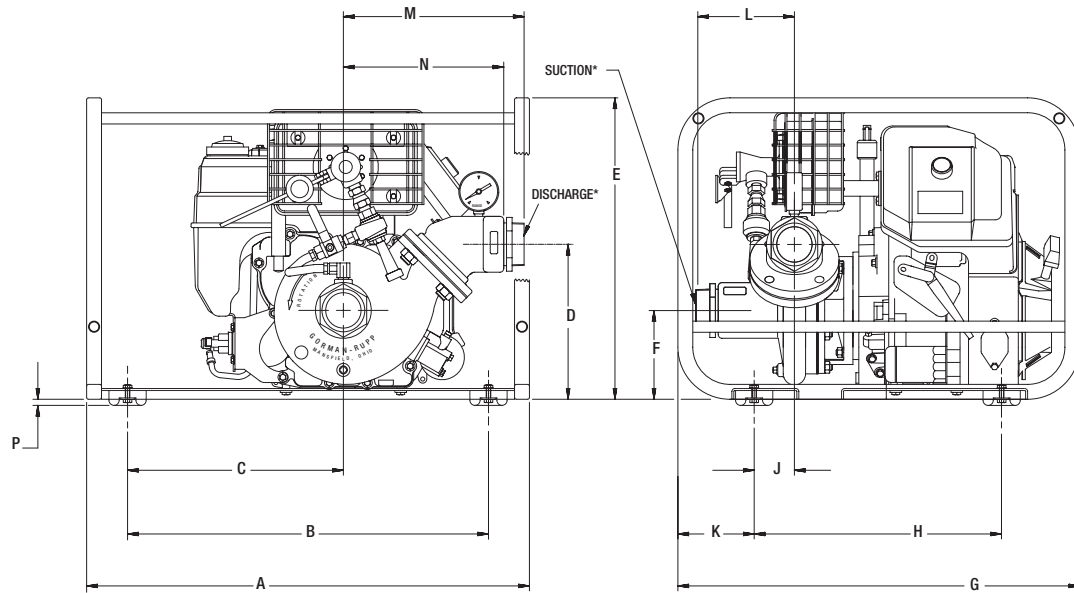


Model 62 1/2A1-CH13

Composite of Performance Curves



Engine Driven Fire Pumps



DIMENSIONS:
INCHES
[MILLIMETERS]

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	SUCT*	DISCH*
61 1/2A1-CH13	29.75 [755.6]	24.25 [616.0]	14.50 [368.3]	10.41 [264.4]	20.25 [514.4]	5.96 [151.4]	27.00 [685.8]	16.62 [422.1]	2.71 [68.8]	5.12 [130.0]	5.12 [130.0]	12.73 [323.3]	11.54 [293.1]	.41 [10.4]	2.50	1.50
61 1/2A1-CH13 S/G	29.75 [755.6]	24.25 [616.0]	14.50 [368.3]	10.41 [264.4]	20.25 [514.4]	5.96 [151.4]	27.00 [685.8]	16.62 [422.1]	2.71 [68.8]	5.12 [130.0]	5.12 [130.0]	12.73 [323.3]	11.54 [293.1]	.41 [10.4]	2.50	1.50
62 1/2A1-CH13	29.75 [755.6]	24.25 [616.0]	14.50 [368.3]	10.41 [264.4]	20.25 [514.4]	5.96 [151.4]	27.00 [685.8]	16.62 [422.1]	2.71 [68.8]	5.12 [130.0]	6.49 [164.8]	12.14 [308.4]	10.77 [273.6]	.41 [10.4]	2.50	2.50
62 1/2A1-CH13 S/G	29.75 [755.6]	24.25 [616.0]	14.50 [368.3]	10.41 [264.4]	20.25 [514.4]	5.96 [151.4]	27.00 [685.8]	16.62 [422.1]	2.71 [68.8]	5.12 [130.0]	6.49 [164.8]	12.14 [308.4]	10.77 [273.6]	.41 [10.4]	2.50	2.50
62 1/2A1-L100 S/G S2	29.75 [755.6]	24.25 [616.0]	14.50 [368.3]	10.41 [264.4]	20.25 [514.4]	5.96 [151.4]	27.00 [685.8]	16.62 [422.1]	2.71 [68.8]	5.12 [130.0]	6.49 [164.8]	12.14 [308.4]	10.77 [273.6]	.41 [10.4]	2.50	2.50
62 1/2A1-GX390 S/2	29.75 [755.6]	24.25 [616.0]	14.50 [368.3]	10.41 [264.4]	20.25 [514.4]	5.96 [151.4]	27.00 [685.8]	16.62 [422.1]	2.71 [68.8]	5.12 [130.0]	6.49 [164.8]	12.14 [308.4]	10.77 [273.6]	.41 [10.4]	2.50	2.50
62 1/2D1-CH23 S/G	29.75 [755.6]	24.25 [616.0]	12.29 [312.2]	10.09 [256.3]	20.25 [514.4]	6.84 [173.7]	27.00 [685.8]	15.50 [393.7]	2.18 [55.4]	6.38 [162.0]	5.63 [142.9]	14.71 [373.6]	12.94 [328.7]	.41 [10.4]	2.50	2.50

(*) SUCTION/DISCHARGE 2.50-7.5 N.H. THREADS.

ENGINE DRIVEN FIRE PUMPS

Model No.	Description/ Type of Pump	Ship Wt (lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	Prime Feature	Tank Size (Qts.)	Run time	Mounting
61 1/2A1-CH13	Engine Driven Fire Pumps	240	Kohler 13 HP	2.5x1.5	Alum	Viton® Carbon/ Ni-resist	Exhaust	5 qts.	1.1 hrs.	Roll Cage
61 1/2A1-CH13 S/G	Engine Driven Fire Pumps	235	Kohler 13 HP	2.5x1.5	Alum	Viton® Carbon/ Ni-resist	Exhaust	5 qts.	1.1 hrs.	Roll Cage
62 1/2A1-CH13	Engine Driven Fire Pumps	255	Kohler 13 HP	2.5x2.5	Alum	Viton® Carbon/ Ni-resist	Exhaust	5 qts.	1.1 hrs.	Roll Cage
62 1/2A1-CH13 S/G	Engine Driven Fire Pumps	257	Kohler 13 HP	2.5x2.5	Alum	Viton® Carbon/ Ni-resist	Exhaust	5 qts.	1.1 hrs.	Roll Cage
62 1/2A1-L100 S/G S2	Engine Driven Fire Pumps	219	Yanmar 9 HP	2.5x2.5	Alum	Viton® Carbon/ Ni-resist	Hand	1.74 gal.	2.1 hrs.	Roll Cage
62 1/2A1-GX390 S/2	Engine Driven Fire Pumps	163	Honda 13 HP	2.5x2.5	Alum	Viton® Carbon/ Ni-resist	Hand	6.9 qts.	2.1 hrs.	Roll Cage
62 1/2D1-CH23 S/G	Engine Driven Fire Pumps	270	Kohler 23 HP	2.5x2.5	Alum	Viton® Carbon/ Ni-resist	Exhaust	6 gal.	3 hrs.	Roll Cage

*Viton® is a registered trademark of DuPont

ALL "S/G" MODELS ARE STANDARD WITH ELECTRIC START ENGINES

Standard Features

- Delivers up to 156 PSI and 250 GPM
- Maximum Temperature 160°F
- Maximum Operating Pressure 237 PSI
- Brass Hose Adapters, NPT to National Standard Fire Hose Threads
- Includes Discharge Pressure Gauge, Discharge Check Valve, and Strainer
- 2-1/2" x 1-1/2" and 2-1/2" x 2-1/2" Sizes Available
- Aluminum Construction With Replaceable Bronze Wear Rings

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 10

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

CP29-30/1208





COMMERCIAL DUTY

General Purpose, High Pressure and Trash Pedestal Drive Pumps

Cast Iron Self Priming Centrifugal

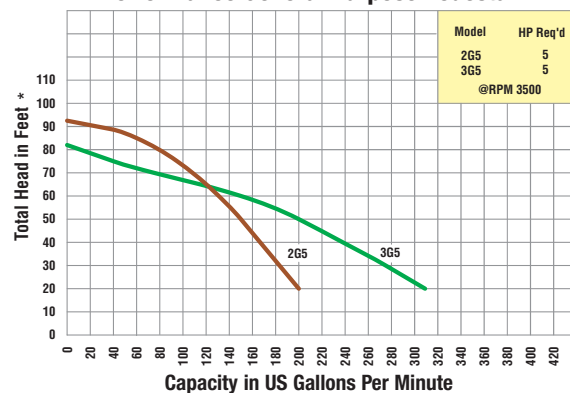
- **Standard Models**
- **General Purpose-Type G Only**
 - * Cast Iron Impeller and Volute (for long life)
 - *EPDM Seals and O-Rings
- **High Pressure-Type P Only**
 - * Bronze impeller (for high efficiency) and cast iron volute
 - *EPDM Seals and O-Rings
- **Trash-Type S Only**
 - * Ductile iron impeller (for resistance to breakage and abrasion)
 - * Cast iron volute (for long life)
 - * Silicon Carbide/Viton® Mechanical Seal and EPDM O-Rings

Pedestal drive units for flex-coupling to an electric motor are available in general purpose, high pressure and trash versions. All models standard with threaded impeller.

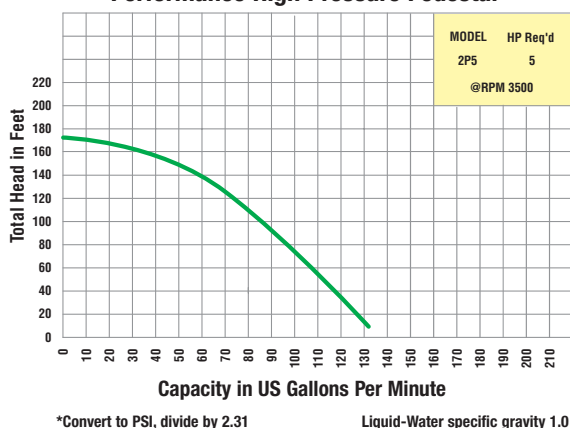


Model 3S5PC

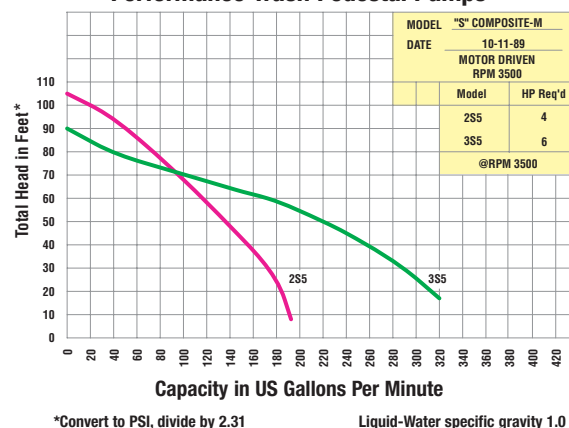
Performance General Purpose Pedestal



Performance High Pressure Pedestal



Performance Trash Pedestal Pumps



General Purpose, High Pressure and Trash Pedestal Drive Pumps

Heavy Duty Cast Iron Pedestal Drive With Dual Sealed Ball Bearings.

3" Pedestal Drive (General Purpose)

Alum. Model #	Ship Wt. (lbs.)	HP Req'd	Flapper Valve	O-Ring	Seal Type & Elastomer/Faces
3G5PC	76	5	EPDM	EPDM	EPDM/CAR/CER

2" Pedestal Drive (Trash)

Cast Iron Model #	Ship Wt. (lbs.)	HP Req'd	Flapper Valve	O-Ring	Seal Type & Elastomer/Faces
2S5PC	60	5	EPDM	EPDM	Viton®*/Sic/Sic

*Viton® is a registered trademark of DuPont

2" Pedestal Drive (General Purpose)

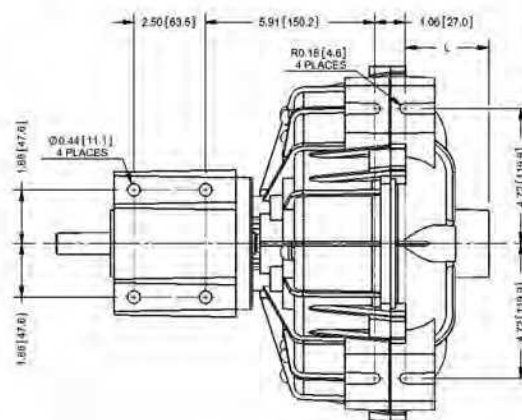
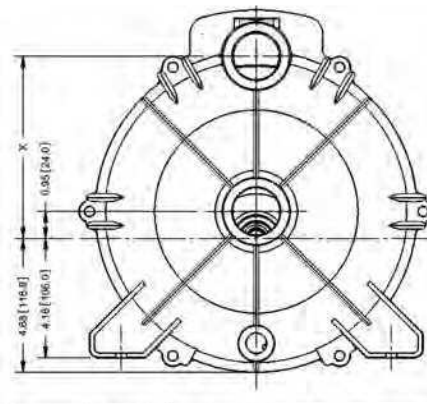
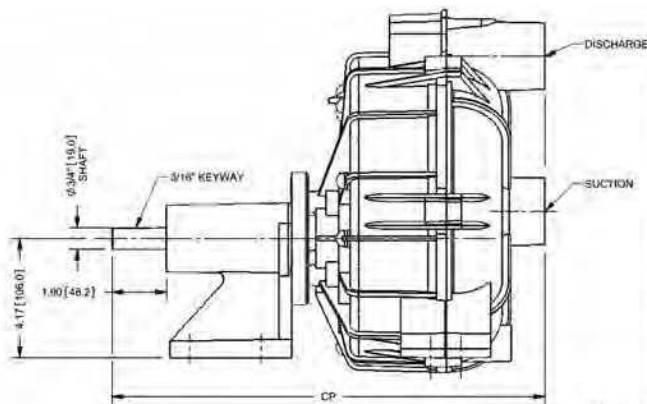
Alum. Model #	Ship Wt. (lbs.)	HP Req'd	Flapper Valve	O-Ring	Seal Type & Elastomer/Faces
2G5PC	57	5	EPDM	EPDM	EPDM/CAR/CER

2" Pedestal Drive (High Pressure)

Alum. Model #	Ship Wt. (lbs.)	HP Req'd	Flapper Valve	O-Ring	Seal Type & Elastomer/Faces
2P5PC	57	5	EPDM	EPDM	EPDM/CAR/CER

3" Pedestal Drive (Trash)

Cast Iron Model #	Ship Wt. (lbs.)	HP Req'd	Flapper Valve	O-Ring	Seal Type & Elastomer/Faces
3S5PC	80	6	EPDM	EPDM	Viton®*/Sic/Sic



NOTE: T-HANDLES USED ON TRASH PUMP MODELS.

MODEL	SUCT *	DISCH *	C	D	E	F
2G3P 2G5P	2.00 **	2.00 **	13.31	10.55	3.99	13.56
2P5P 2S5P	[50.8]	[50.8]	[338.1]	[268.0]	[101.3]	[344.4]
3G5P 3S5P	3.00 *	3.00 *	14.55	11.14	6.54	16.11
	[76.2]	[76.2]	[369.6]	[283.0]	[166.1]	[409.2]

(*) STANDARD NPT (MALE) PIPE THREAD

(**) STANDARD NPT (FEMALE) PIPE THREAD

Standard Features

- Stainless Steel Internal Screws and Pins (For Easy Servicing)
- Built-in EPDM Check Valve (For Fast Priming)
- Stainless Steel Shaft Sleeve (On Threaded Models Only)
- Large Pump Casing (For Fast Priming)
- Horizontal Discharge (No Need To Buy Elbow)
- Strainer Supplied with Each Pump (To Eliminate Clogging)
- Threaded Connections (No Need to Buy Nipples)



See price book page 11

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

*Teflon® is a registered trademark of DuPont

CP31-32/ 0708



INDUSTRIAL DUTY

Self-Priming Solids Handling Pedestal Pumps

- Available in **Cast Aluminum, Cast Iron or Thermoplastic** (See Specification Section for Specific Model Availability)
- **Buna or Viton® Mechanical Seal** (See Spec Sheet for Specific Model Options)
- **Optional Seals Available** (See Price Sheet for Specific Model Options)
- **2" to 4" NPT Suction and Discharge Ports**
- **Maximum Working Pressure up to 75 PSI**
- **Maximum Temperature 180° F**
- **Self-priming to 20 Ft.**
- **Shaft Diameter**

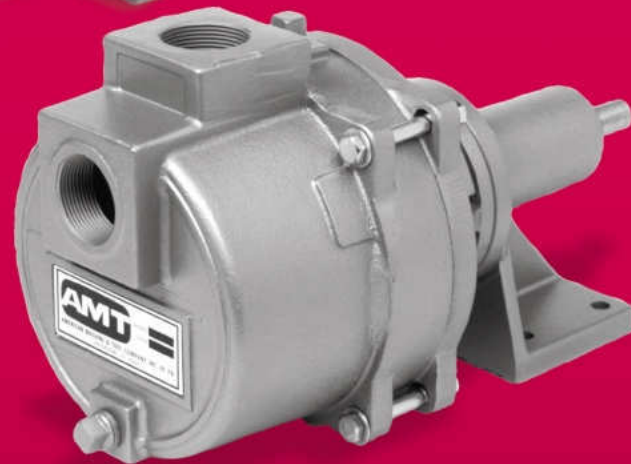
2" Models	3/4"
3" & 4" Models	1-1/8"
- **Sized From Minimum 3 HP to 15 HP Driver @ 3600 RPM Depending on Model**

AMT Self-Priming Solids Handling Pedestal pumps are designed for direct or belt drive. Specific units are available in Cast Aluminum, Cast Iron or Thermoplastic construction material. The units feature 3/8" to 2" solids handling construction and are fitted with a Cast Iron bearing housing which contains two or three precision sealed ball bearings depending on specific model. Easy cleanout design by removing casing bolts permits removal of debris without disconnecting hoses. The 3" & 4" Trash pump models feature cleanout covers with quick release handles for removal of debris. All units are self-priming to 20 ft.

AMT Self-Priming Solids Handling Pedestal pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials.

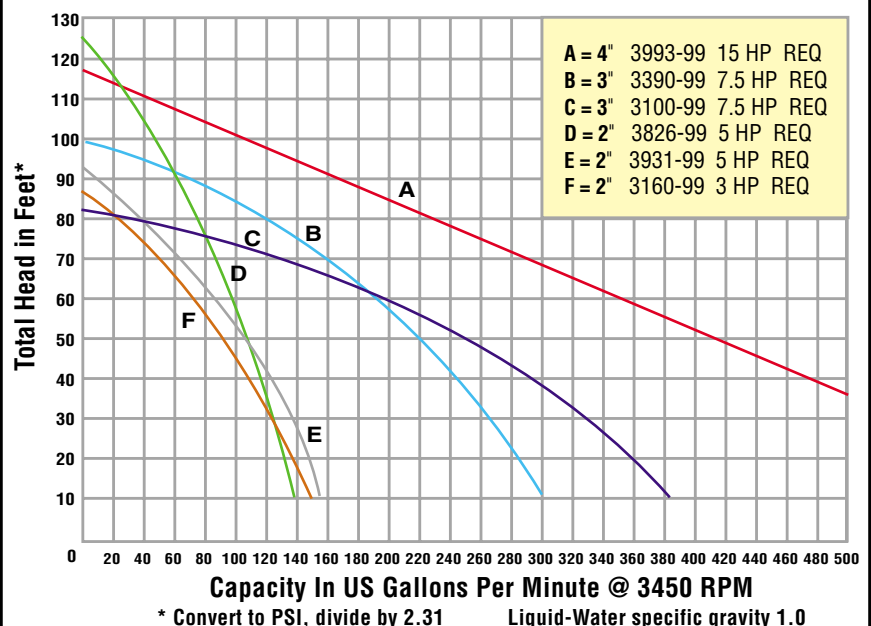


**Model 3826-99
Thermoplastic**



**Model 3160-99
Cast Iron**

Performance of Solids Handling Pedestals



Self-Priming Solids Handling Pedestal Pumps

2" Solids Handling



(3160-99 Shown)

Models 3160-99 & 3931-99

- Cast Iron Construction
- Buna-N Flapper Valve and O-Rings
- 2" NPT Suction & Discharge Ports
- Maximum Working Pressure 75 PSI
- Maximum Temperature 180° F
- Self-priming to 20 ft.

- 3/8" Diameter Solids Handling Capability on 3160-99
- 1" Diameter Solids Handling Capability on 3931-99
- Heavy Duty Cast Iron Bearing Housing Containing (2) Precision Sealed Ball Bearings
- 3/4" Diameter CNC Machined Shaft
- 1-3/8" x 3/16" x 3/32" Keyway

2" Dewatering



Model 3826-99

- Thermoplastic Construction
- Buna-N Flapper Valve and O-Rings
- 2" NPT Suction & Discharge Ports
- Maximum Working Pressure 45 PSI
- Maximum Temperature 130° F
- Self-priming to 20 ft.

- 2" Dewatering Construction
- 1/4" Diameter Solids Handling Capability
- Heavy Duty Cast Iron Bearing Housing Containing (2) Precision Sealed Ball Bearings
- 3/4" Diameter CNC Machined Shaft
- 1-3/8" x 3/16" x 3/32" Keyway
- 1/4" Diameter Solids Handling Capability

3" and 4" Solids Handling

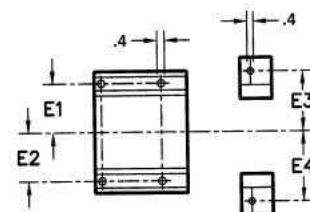
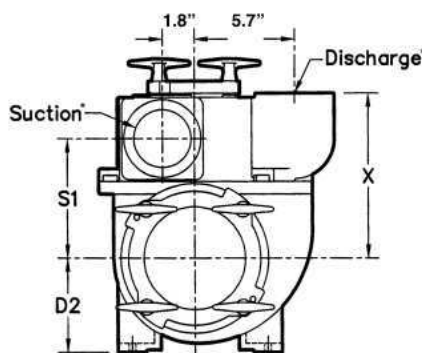
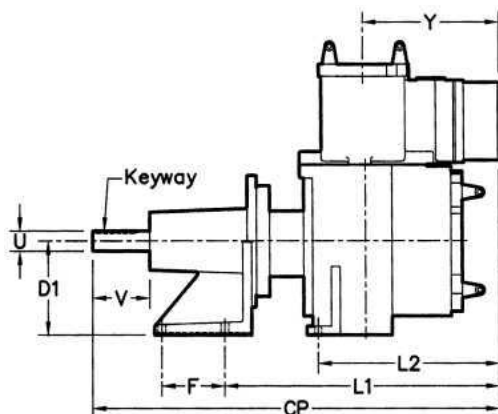


(3100-99 Shown)

Model 3100-99, 3390-99 and 3993-99

- Cast Aluminum Construction with Cast Iron Wear Parts
- Buna-N Flapper Valve and O-Rings
- Maximum Working Pressure 75 PSI
- Maximum Temperature 180° F

- Self-priming to 20 ft.
- Solids Handling Capability: 3/4" 3390-99; 1.5" 3100-99; 2" 3993-99
- Heavy Duty Cast Iron Bearing Housing Containing (3) Precision Sealed Ball Bearings
- 2-1/4" x 1/4" x 1/8" keyway



Bottom View

Model 3100-99 shown for Dimensional location only

Model No.	CURVE	SUC*	DIS*	CP	D1	D2	E1	E2	E3	E4	F	L1	L2	S1	U	V	X	Y	Keyway	SEAL	HP Required @3600 RPM	Ship Wt.
3993-99	A	4"	4"	23.3	5.3	6.1	2.9	2.9	3.6	3.6	3.6	15.5	7.7	3.5	1-1/8"	3.2	4.1	6.6	1/4" x 1-1/4"	VITON®	15	133 lbs.
3390-99	B	3"	3"	19.9	5.3	5.3	2.9	2.9	3.8	2.6	3.5	12.5	4.1	4.0	1-1/8"	3.2	6.7	4.7	1/4" x 1-1/4"	BUNA	7-1/2	54 lbs.
3100-99	C	3"	3"	23.1	5.2	5.2	2.9	2.9	3.5	4.1	3.5	15.6	10.3	6.7	1-1/8"	3.2	9.2	7.7	1/4" x 1-1/4"	VITON®	7-1/2	91 lbs.
3826-99	D	2"	2"	15.0	4.2	4.2	1.9	1.9	3.6	3.6	2.5	9.7	5.3	1.0	3/4"	2.1	5.8	2.8	3/16" x 1-3/8"	BUNA	5	20 lbs.
3931-99	E	2"	2"	15.9	4.2	5.2	1.9	1.9	-	-	2.5	10.6	10.6	2.1	3/4"	1.1	4.7	2.8	3/16" x 1-7/8"	VITON®	5	59 lbs.
3160-99	F	2"	2"	15.1	4.2	4.2	1.9	1.9	2.6	3.8	2.5	9.8	4.9	2.1	3/4"	2.1	4.7	3.1	3/16" x 1-3/8"	BUNA	3	41 lbs.

(*) Standard NPT (female) pipe thread.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.



See price book page 12

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

CP33-34/1006



**NEW FOR
2007
90° ROTATABLE
BASE ON ALL
MODELS**

Self-Priming Diaphragm Pumps

- **Sand Cast Aluminum Construction for Portability and Durability**
- **Thermoplastic Rubber Diaphragm**
- **2" to 3" NPT Suction and Discharge Sizes**
- **1-5/8" Diameter Solids Handling Capability**
- **Modular Component Design Permits Easy Maintenance and Cleanout**
- **Engine Driven Models: Choice of Honda and Briggs & Stratton Gas or Yanmar Diesel Engines**
- **Delivers up to 90 GPM**
- **Maximum Temperature 180°F**

The AMT line of 2" and 3" Diaphragm pumps features 2-stage, 44 to 1 gear reduction with a large diameter output gear and heavy duty ball bearing construction. Often referred to as Mud Pumps or Sludge Pumps, diaphragm pumps are designed to pump mud, slurry, sewage, and thick liquids that have the ability to flow. AMT Diaphragm pumps are available with a choice of drivers to meet your application requirements: Briggs & Stratton or Honda gasoline engines, Yanmar Diesel, and 115 VAC electric motor with weatherproof cord and switch. Built-in molded polyurethane flap-per/check valve assures self-priming to 20 ft. after initial prime. Heavy duty gear box is designed to operate pumps at 40 strokes per minute for Electric Motor Models and 60 strokes per minute for Engine-Driven Models. Each unit includes a 2" or 3" NPT steel suction strainer, two NPT nipples, and a wheel kit with 10" semi-pneumatic transport wheels for portability. Models 336E-K6, 336G-K6, 335G-K6, and 335E-K6, are kits provided less motor or engine. Pumps are designed for use with non-flammable liquids which are compatible with pump component materials. **Suction and discharge port size cannot be reduced.**



Model 335D-96*

*shown with 90° rotatable base

INDUSTRIAL DUTY



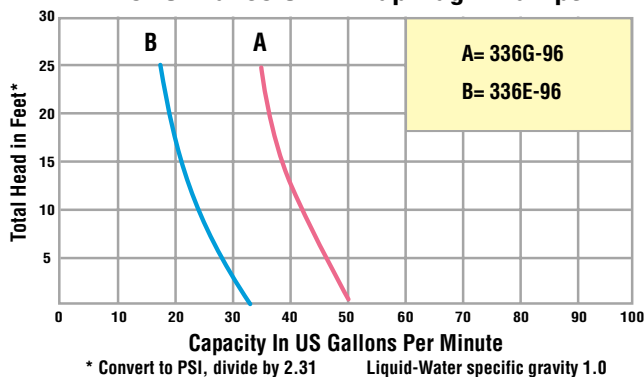
Model 335H-96*

*handle not shown

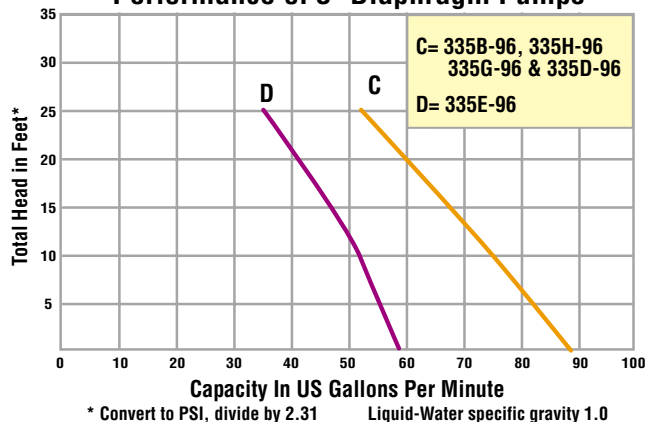


Model 335E-96

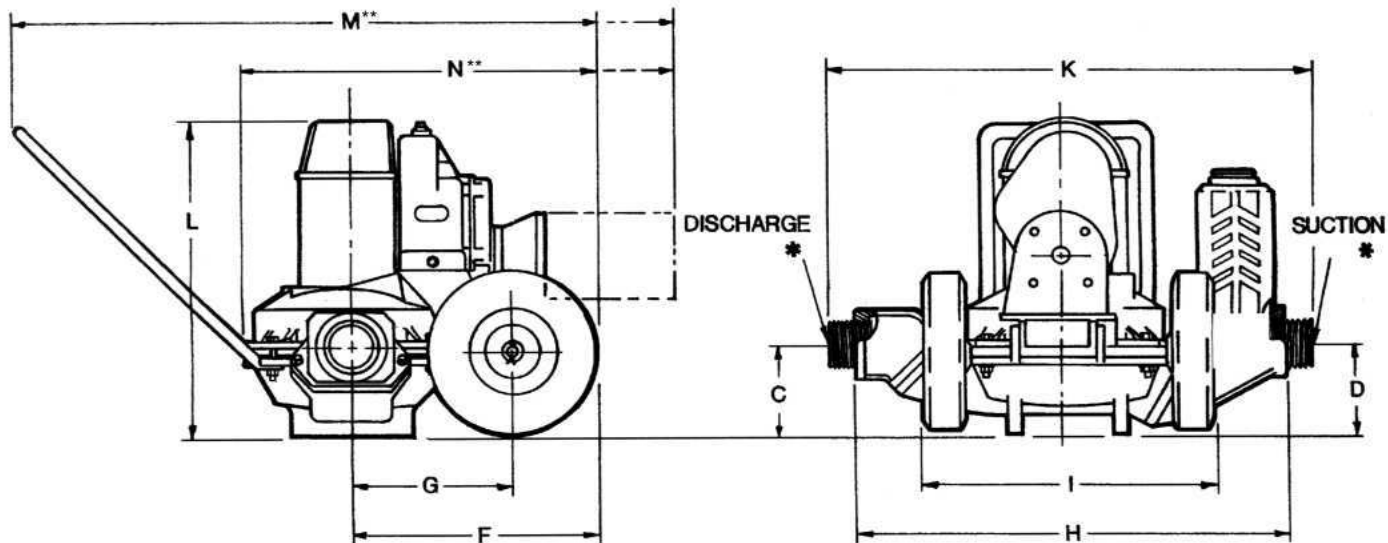
Performance of 2" Diaphragm Pumps



Performance of 3" Diaphragm Pumps



Diaphragm Pumps



Model #	Curve	Driver	SUC*	DIS*	C	D	F	G	H	I	K	L	M**	N**	Shpg. Wt.
336G-96	A	HONDA GX120	2"	2"	7.3	5.6	17.8	12.8	22.2	18.1	25.7	23.2	39.2	25.0	125 lbs.
336E-96	B	1.5 HP Elec. Motor	2"	2"	7.3	5.6	17.8	12.8	22.2	18.1	25.7	23.2	41.1	26.8	131 lbs.
335G-96	C	HONDA GX120	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	42.0	46.0	175 lbs.
335E-96	D	1.5 HP Elec. Motor	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	43.5	27.5	186 lbs.
335B-96	C	B&S CP550	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	41.5	25.5	181 lbs.
335H-96	C	HONDA GX160	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	41.5	25.5	182 lbs.
335D-96	C	YANMAR DIESEL L48	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	43.0	27.0	203 lbs.
336G-K6	A	Kit, Less Engine	2"	2"	7.3	5.6	17.8	12.8	22.2	18.1	25.7	23.2	N/A	N/A	95 lbs.
336E-K6	B	Kit, Less Motor	2"	2"	7.3	5.6	17.8	12.8	22.2	18.1	25.7	23.2	N/A	N/A	95 lbs.
335G-K6	C	Kit, Less Engine	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	N/A	N/A	146 lbs.
335E-K6	D	Kit, Less Motor	3"	3"	6.2	6.3	14.5	9.5	26.5	17.9	30.0	22.0	N/A	N/A	146 lbs.

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

Standard Features for AMT Diaphragm Pumps

- Engine Driven Models - Choice of Honda, Briggs & Stratton Gas or Yanmar Diesel Engines
- 2" to 3" NPT Port Sizes
- Models 336E-96/335E-96 – 1.5 HP single phase, 115/230 Volt motor with manual reset overload includes 20 foot 115 VAC power cord and weather-proof on/off switch
- Models 336G-K6/335G-K6 – Kit, furnished less engine. For use with gasoline or diesel engines with .75" keyed shaft (SAE J609a Mounting Flange)
- Model 336E-K6/335E-K6 – Kit, furnished less motor. For use with electric motor (1725 RPM) or air motor with a minimum of 1.5 HP. 56C Mounting Flange required.



WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 13

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



Self-Priming Diaphragm Pumps

- **Aluminum Construction**
(Except 2D models which are Cast Iron)
- **Self-priming to 25 Ft.**
- **Neoprene or "DuraBlue 1000™" Diaphragm Material**
- **2", 3" and 4" NPT Port Sizes**
- **Solids Handling Capabilities to 2-1/4" Diameter**
- **Driver Options: ODP Electric Motor, Explosion-Proof Electric Motor, Gasoline Engine, or Basic Unit (less driver)**
- **Delivers up to 130 GPM**
- **Two (2) Wheel Truck Assembly Standard (Except 2D Models - Which are Furnished with a Stationary Base).**



Model 2D

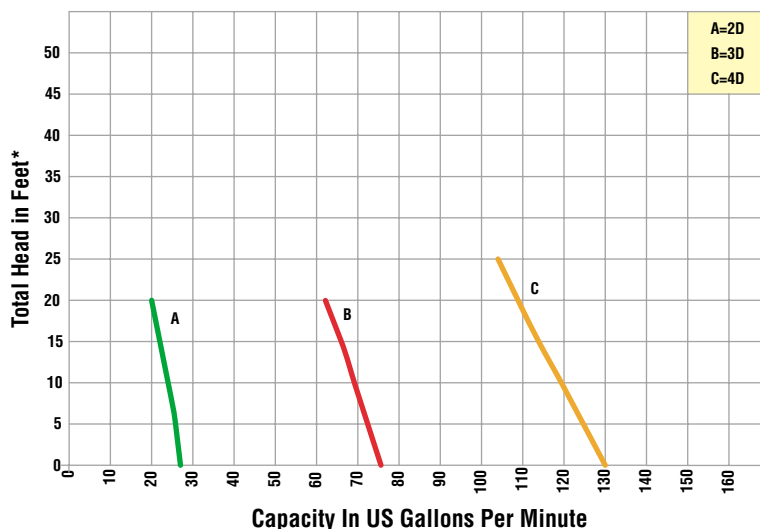
The Gorman-Rupp line of diaphragm pumps is designed to pump sludge, sewage, mud, and other heavy liquids that have the ability to flow. All models are self-priming, have built-in flap valves, and include a suction strainer. The 3" and 4" models are furnished with a two wheel truck assembly. Models are available with an explosion-proof motor, ODP electric motor, gasoline engine, or as a basic model, less driver (furnished with a flex coupling). Standard diaphragms are "DuraBlue 1000™" in 3" and Neoprene in 2" pump and 4" pumps.

PREMIUM HEAVY DUTY



Model 3D-X1.5 1P

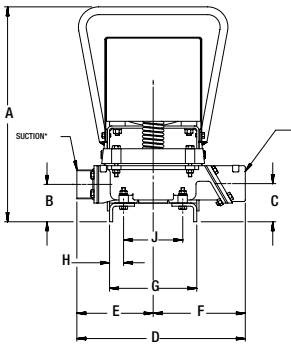
Composite of Performance Curves



*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

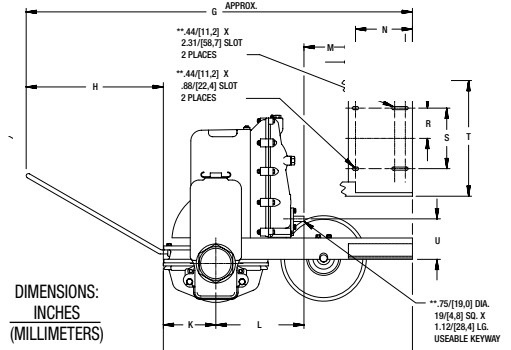
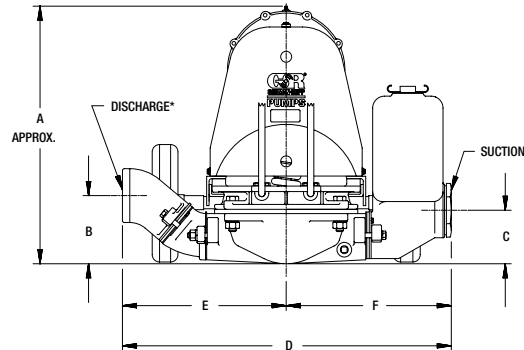
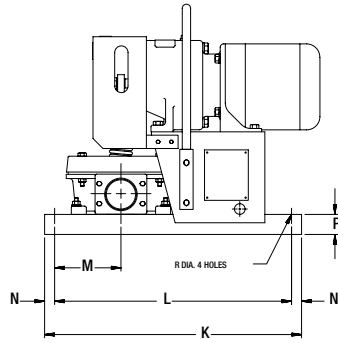
Diaphragm Pumps



MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	SUCT*	DISCH*
2D-E.50 1P	17.25 (438.2)	3.00 (76.2)	3.00 (76.2)	13.52 (343.4)	6.00 (152.4)	7.39 (187.7)	7.00 (177.8)	1.12 (28.4)	4.75 (120.6)	19.25 (489.0)	17.75 (450.9)	5.00 (127.0)	0.75 (19.0)	1.50 (38.1)	0.41 (10.4)	2.00	2.00
2D-E.50 3P	17.25 (438.2)	3.00 (76.2)	3.00 (76.2)	13.52 (343.4)	6.00 (152.4)	7.39 (187.7)	7.00 (177.8)	1.12 (28.4)	4.75 (120.6)	19.25 (489.0)	17.75 (450.9)	5.00 (127.0)	0.75 (19.0)	1.50 (38.1)	0.41 (10.4)	2.00	2.00
2D-X.75 1P	17.25 (438.2)	3.00 (76.2)	3.00 (76.2)	13.52 (343.4)	6.00 (152.4)	7.39 (187.7)	7.00 (177.8)	1.12 (28.4)	4.75 (120.6)	19.25 (489.0)	17.75 (450.9)	5.00 (127.0)	0.75 (19.0)	1.50 (38.1)	0.41 (10.4)	2.00	2.00
2D-E.75 3P	17.25 (438.2)	3.00 (76.2)	3.00 (76.2)	13.52 (343.4)	6.00 (152.4)	7.39 (187.7)	7.00 (177.8)	1.12 (28.4)	4.75 (120.6)	19.25 (489.0)	17.75 (450.9)	5.00 (127.0)	0.75 (19.0)	1.50 (38.1)	0.41 (10.4)	2.00	2.00

(*) STANDARD NPT PIPE THREADS

2" MOTOR DRIVEN & BASIC DIAPHRAGM PUMPS



DIMENSIONS:
INCHES
(MILLIMETERS)

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	SUCT*	DISCH*
3D-B	22.26 (565.4)	5.69 (144.5)	3.63 (92.1)	28.25 (717.6)	13.69 (347.7)	14.56 (369.9)	49.4 (1255.7)	19.50 (495.3)	29.94 (760.4)	6.50 (165.1)	12.31 (312.7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.00/ 3.00	3.00
3D-E1.5 1P	22.26 (565.4)	5.69 (144.5)	3.63 (92.1)	28.25 (717.6)	13.69 (347.7)	14.56 (369.9)	49.4 (1255.7)	19.50 (495.3)	29.94 (760.4)	6.50 (165.1)	12.31 (312.7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.00/ 3.00	3.00
3D-E1.5 3P	22.26 (565.4)	5.69 (144.5)	3.63 (92.1)	28.25 (717.6)	13.69 (347.7)	14.56 (369.9)	49.4 (1255.7)	19.50 (495.3)	29.94 (760.4)	6.50 (165.1)	12.31 (312.7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.00/ 3.00	3.00
3D-X1.5 1P	22.26 (565.4)	5.69 (144.5)	3.63 (92.1)	28.25 (717.6)	13.69 (347.7)	14.56 (369.9)	49.4 (1255.7)	19.50 (495.3)	29.94 (760.4)	6.50 (165.1)	12.31 (312.7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.00/ 3.00	3.00
3D-X1.5 3P	22.26 (565.4)	5.69 (144.5)	3.63 (92.1)	28.25 (717.6)	13.69 (347.7)	14.56 (369.9)	49.4 (1255.7)	19.50 (495.3)	29.94 (760.4)	6.50 (165.1)	12.31 (312.7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.00/ 3.00	3.00
3D-13	22.26 (565.4)	5.69 (144.5)	3.63 (92.1)	28.25 (717.6)	13.69 (347.7)	14.56 (369.9)	49.4 (1255.7)	19.50 (495.3)	29.94 (760.4)	6.50 (165.1)	12.31 (312.7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.00/ 3.00	3.00
4D-B	26.32 (668.5)	6.96 (176.8)	5.47 (138.9)	33.60 (853.4)	16.73 (424.9)	16.87 (428.5)	54.25 (1378.0)	19.25 (489.0)	35.00 (889.0)	7.38 (187.4)	12.38 (314.2)	7.25 (184.2)	8.00 (203.2)	7.00 (177.8)	5.50 (139.7)	5.50 (108.0)	5.50 (215.9)	5.50 (412.8)	5.50 (133.4)	3.00/ 4.00	4.00
4D-E3 3P	26.32 (668.5)	6.96 (176.8)	5.47 (138.9)	33.60 (853.4)	16.73 (424.9)	16.87 (428.5)	54.25 (1378.0)	19.25 (489.0)	35.00 (889.0)	7.38 (187.4)	12.38 (314.2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.00/ 4.00	4.00
4D-X3 1P	26.32 (668.5)	6.96 (176.8)	5.47 (138.9)	33.60 (853.4)	16.73 (424.9)	16.87 (428.5)	54.25 (1378.0)	19.25 (489.0)	35.00 (889.0)	7.38 (187.4)	12.38 (314.2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.00/ 4.00	4.00
4D-X3 3P	26.32 (668.5)	6.96 (176.8)	5.47 (138.9)	33.60 (853.4)	16.73 (424.9)	16.87 (428.5)	54.25 (1378.0)	19.25 (489.0)	35.00 (889.0)	7.38 (187.4)	12.38 (314.2)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.00/ 4.00	4.00

(*) STANDARD NPT PIPE THREADS (**) MODELS 4D ONLY

3" & 4" MOTOR DRIVEN & BASIC DIAPHRAGM PUMPS

Model No.	Curve	Description/ Type of Pump	Ship Wt (Lbs)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC or Tank Size	FL Amps or Run time	Motor Enclosure
2D-E-50 1P	A	Diaphragm Pumps	120	Electric Motor	2" x 2"	C.I.	Neoprene	115/230 1P		ODP
2D-E-50 3P	A	Diaphragm Pumps	120	Electric Motor	2" x 2"	C.I.	Neoprene	230/460 3P		ODP
2D-X.75 1P	A	Diaphragm Pumps	120	Electric Motor	2" x 2"	C.I.	Neoprene	115/230 1P		Exp. Proof
2D-X.75 3P	A	Diaphragm Pumps	120	Electric Motor	2" x 2"	C.I.	Neoprene	230/460 3P		Exp. Proof
3D-B	B	Diaphragm Pumps	181	N/A	3" or 2" x 3"	Alum.	DuraBlue™ Elastomer	N/A		For 145T
3D-E1.5 1P	B	Diaphragm Pumps	260	Electric Motor	3" or 2" x 3"	Alum.	DuraBlue™ Elastomer	115/230 1P		ODP
3D-E1.5 3P	B	Diaphragm Pumps	260	Electric Motor	3" or 2" x 3"	Alum.	DuraBlue™ Elastomer	230/460 3P		ODP
3D-X1.5 1P	B	Diaphragm Pumps	300	Electric Motor	3" or 2" x 3"	Alum.	DuraBlue™ Elastomer	115/230 1P		Exp. Proof
3D-X1.5 3P	B	Diaphragm Pumps	300	Electric Motor	3" or 2" x 3"	Alum.	DuraBlue™ Elastomer	230/460 3P		Exp. Proof
3D-13	B	Diaphragm Pumps	204	B&S 5HP	2" x 3"	Alum.	DuraBlue™ Elastomer	3 Gal.	1.88	N/A
4D-B	C	Diaphragm Pumps	345	N/A	4" or 3"x4"	Alum.	Neoprene	N/A	N/A	For 182T & 184T
4D-E3 3P	C	Diaphragm Pumps	420	Electric Motor	4" or 3"x4"	Alum.	Neoprene	230/460 3P		ODP
4D-X3 1P	C	Diaphragm Pumps	440	Electric Motor	4" or 3"x4"	Alum.	Neoprene	115/230 1P		Exp. Proof
4D-X3 3P	C	Diaphragm Pumps	440	Electric Motor	4" or 3"x4"	Alum.	Neoprene	230/460 3P		Exp. Proof

Standard Features

➤ Built-in flapper valves

➤ Includes suction strainer

➤ Models 3D-B & 4D-B are basic pumps less motor (furnished with flexible coupling)

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 14

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

CP37-38/1206



**NEW
ACCESSORIES
FOR
2007**

Pump Accessories & Hose

- *PVC Reinforced Suction Hose with One Male & Female NPT Connection; 1" to 6" Sizes*
- *PVC Flexible Discharge Hose with One Male & Female NPT Connection; 1" to 6" Sizes*
- *Plated Steel Suction Strainers; 1" to 6" Sizes Standard and Trash Types*
- *Nipple Kits available in both NPT x NPT and NPT x BSPT*
- *Foot Valves available in 2" or 4 for 1 that fit sizes: 3/4", 1", 1 1/4", and 1 1/2"*



Foot Valves



Nipple Kit



PVC Reinforced Suction Hose



PVC Flexible Discharge Hose



**Standard Suction Strainer
w/ Small Openings**



**Trash Type Suction Strainer
w/ Large Openings**

AMT Pump Accessories & Hose

Water suction and discharge hose designed for construction, mining, marine, and irrigation purposes. Temperature range 10° to 150° F. Construction: green, flexible, abrasion resistant PVC with a rigid PVC reinforcement for full vacuum. Smooth Bore.

AMT Part No.	PVC Reinforced Water Suction Hose	Ship Wt. (Lbs.)
C222-90	1" x 15' PVC Water Suction Hose Assembly	8
C220-90	1-1/2" x 20' PVC Water Suction Hose Assembly	10
C221-90	2" x 20' PVC Water Suction Hose Assembly	17
C356-90	3" x 20' PVC Water Suction Hose Assembly	28
C357-90	4" x 20' PVC Water Suction Hose Assembly	38
C354-90	6" x 20' PVC Water Suction Hose Assembly	75



Designed for moderate water discharge services. Strong, lightweight alternative to our contractors grade discharge hose. Construction: close woven nylon jacket impregnated with polyvinyl chloride. Mildew resistant. Rolls up flat for easy storage.



PVC Water Discharge Hose Assembly Size	AMT Part No. 25' Length	Ship Wt. (Lbs)	AMT Part No. 50' Length	Ship Wt. (Lbs)
1-1/2"	C216-90	6	C372-90	11
2"	C217-90	8	C373-90	19
3"	C358-90	11	C374-90	22
4"	C359-90	17	C375-90	32
6"	C353-90	25	C376-90	54

AMT Part No.	Hose Kits, Hose and Fittings	Ship Wt. (Lbs.)
55-362	2" General Purpose Hose Kit with 20 ft. 2" suction and 25 ft. 2" discharge hose, hose wrench	20
55-363	3" General Purpose Hose Kit with 20 ft. 3" suction and 25 ft. 3" lay flat discharge hose, hose wrench	20
55-338	2" High Pressure Hose Kit with 20 ft. 2" suction and 100 ft. 1-1/2" high pressure (100 PSI) discharge hose, (1) 1-1/2" fire nozzle, 1-1/2" x 2" adaptor, hose wrench	38



AMT Part No.	Nipple Kits: Include 2 Nipples and Thread Sealant in Single Carton	Ship Wt. (Lbs)
C365-90	1-1/2" NPT x NPT Pipe Nipple Kit	2
C366-90	2" NPT x NPT Pipe Nipple Kit	2
C367-90	3" NPT x NPT Pipe Nipple Kit	4
C368-90	4" NPT x NPT Pipe Nipple Kit	6
C369-90	2" NPT x BSPT Pipe Nipple Kit	2
C370-90	3" NPT x BSPT Pipe Nipple Kit	4
C371-90	4" NPT x BSPT Pipe Nipple Kit	6

AMT Part No.	Foot Valve	Ship Wt. (Lbs.)
C378-90	4 for 1: fits pipe sizes 3/4", 1", 1-1/4", and 1-1/2"	2
C379-90	2"	2



AMT Part No.	Suction Strainers, Plated Steel	Ship Wt (Lbs)
C360-90	1" Suction Strainer with 1-1/4" Openings	2
C229-90	1-1/2" Suction Strainer with 3/8" Openings	2
C230-90	2" Suction Strainer with 3/8" Openings	3
C362-90	2" Suction Strainer with 1" Openings	2
C519-90	3" Suction Strainer with 3/8" Openings	4
C520-90	3" Suction Strainer with 1-1/2" Openings	4
C364-90	4" Suction Strainer with 1-1/2" Openings	4
C377-90	6" Suction Strainer with 2-1/2" Openings	6
C210-90	2" BSPT Suction Strainer with 3/8" Openings	3
C211-90	2" BSPT Suction Strainer with 1" Openings	3
C310-90	3" BSPT Suction Strainer with 3/8" Openings	4
C311-90	3" BSPT Suction Strainer with 1-1/2" Openings	4



INDUSTRIAL DUTY

Pump Accessories

- *Heavy Duty Roll Cage Frame Assemblies Scratch Resistant Powder Coated Steel*
- *Mounting Base allows for Simplified Installation on 182/184/215JM Framed Electric Pumps*
- *Floodfree Electric Pump Control and Alarm with Ten Foot Long Sensor Wire for Reliable Worry-Free Pump Control*

NEW
ACCESSORIES
FOR
2007



Electronic Pump Control & Alarm



Heavy Duty Steel
Roll Cage Assembly



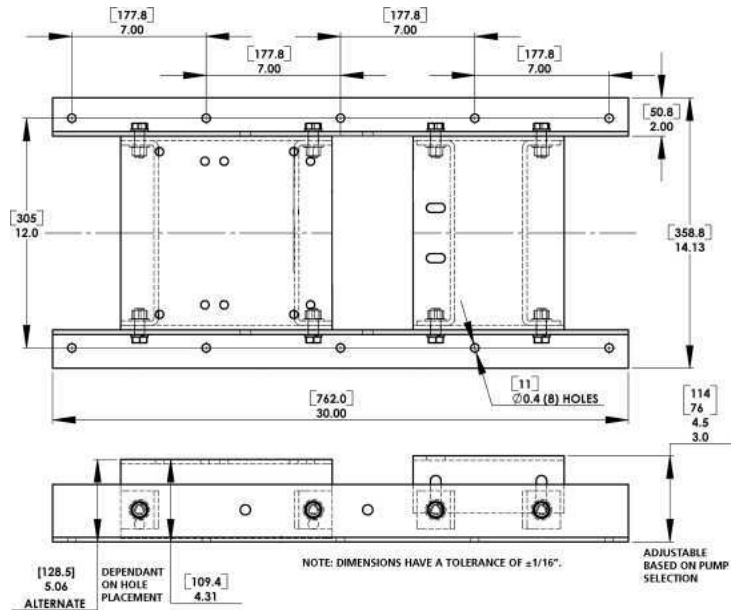
Mounting Base

AMT Pump Accessories

AMT Part No.	Mounting Base	Ship Wt. (Lbs)
A200-90	Designed for 182/184/215JM frames	50



- Mounting Base A200-90 allows for simplified installation of 182/184/215JM Framed Electric Pump Motors
- Sturdy, rigid base to allow for pump stability and support of pump being mounted to base
- Easily adjustable hole placement to allow for multiple pump models and specified above motors



AMT Part No.	Roll Cage Frames	Ship Wt. (Lbs)
2760-104-K0	3 HP/4HP Frame	14
3120-105-K0	5 HP Frame Includes 25mm Raising Blocks	25
1696-100-K0	8 HP Frame Includes 30mm & 50 mm Raising Blocks	31
1696-BAT-K0	12V DC Battery Tray Kit & Cable for 8 HP Frame	3



AMT Part No.	Floodfree	Ship Wt. (Lbs)
C380-90	Electronic Pump Control & Alarm	2

The Floodfree control provide diagnostic LED's for power, water detection, and a pump running indicator. Built-in 80db high water alarm warns before any potential problems occur. Sensor wire can be extended to any length which allows user to set high/low levels. Suitable for float replacement also.

Specifications:

- 120/110 Volt
- 15/20 Amp
- For Pumps Rated Up to One HP
- Three Prong Plug

Includes:

- Floodfree Control Module
- Ten Foot Long Sensor Wire



Motor Controls- Enclosed Starters

NEW
FOR
2007

- **Ready to Use Motor Controls - Enclosed Starters for Electric Motor Driven Pumps**
- **NEMA Type 1 Model Enclosures for Indoor Usage and NEMA Type 4X Model Enclosures for Indoor/Outdoor Usage**
- **Optional Pilot Devices Allow for Ease and Simple Custom Installation on NEMA Type 1 Enclosures**
 - **Start/Stop Pushbutton**
 - **Hand-Off-Auto Selector Switch**
 - **Off-On Selector Switch**
- **NEMA Type 4X Model Enclosures Feature Built-In Manual-Off-Auto Switch and Start/Stop Pushbuttons**
- **Step-down Control Circuit Transformer for NEMA Type 4X Three-Phase Control Boxes**
- **1/2 to 10 Horsepower Rating for Single-Phase and 1/2 to 15 Horsepower Rating for Three-Phase Applications**
- **Ambient Temperature Compensated Overload Relays**

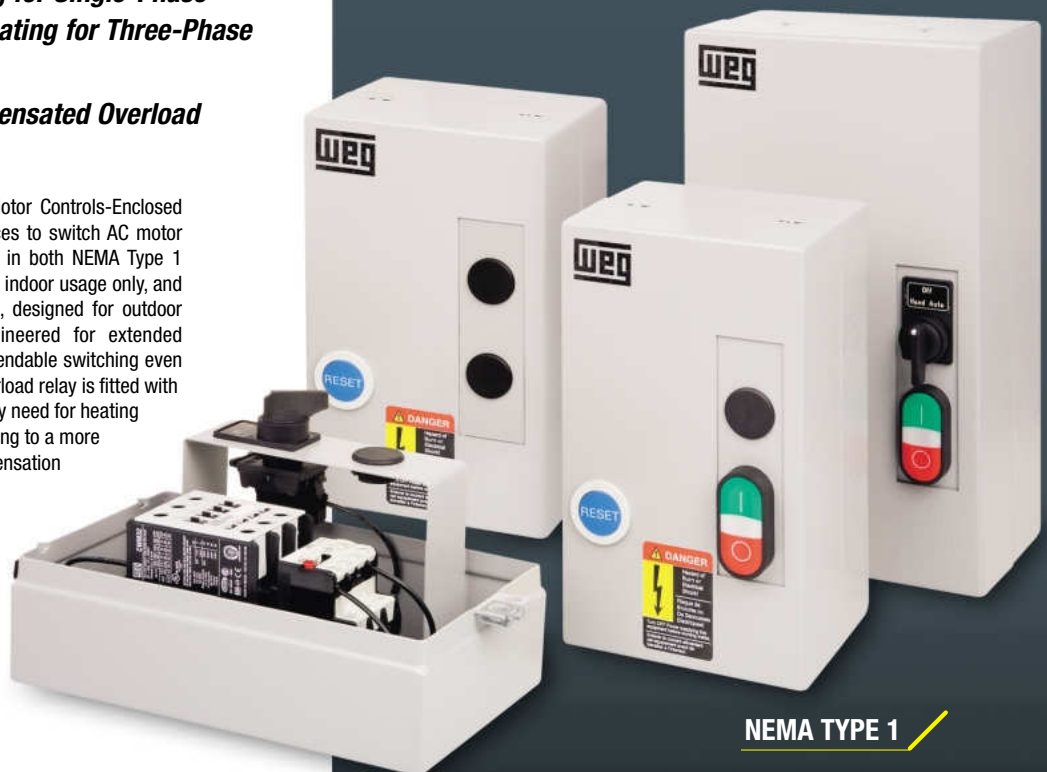
The WEG Enclosed Full Voltage Magnetic Motor Controls-Enclosed Starters are the most commonly used devices to switch AC motor loads. The ready to use device is available in both NEMA Type 1 metallic lift off enclosures with knockouts for indoor usage only, and NEMA Type 4X washdown rated enclosures, designed for outdoor usage. The contactor is specifically engineered for extended mechanical and electrical life, providing dependable switching even in the most heavy-duty applications. The overload relay is fitted with fixed bimetallic elements, which eliminate any need for heating elements during installation or future upgrading to a more efficient motor. Ambient temperature compensation as well as phase-failure and unbalance sensitivity provide motor protection. Field Modification Kits available for NEMA Type 1 Enclosures.

The WEG Industrial Duty Motor Controls-Enclosed starters are reliable, cost effective, and low maintenance. Many are readily available "Off-the Shelf" from AMT for fast 24 hour shipment.

INDUSTRIAL DUTY



NEMA TYPE 4X



NEMA TYPE 1

Motor Controls- Enclosed Starters

Single-Phase Enclosed Magnetic Starter

HP	Power Supply Voltage	Coil Voltage	Motor Amps	Overload Amp Range	AMT Model NEMA Type 1 with RESET	Ship Wt (lbs.)	*Control Box Dimension [WxHxD] [in]	AMT Model NEMA Type 4X with MANUAL-OFF-AUTO	Ship Wt. (lbs.)	*Control Box Dimension [WxHxD] [in]
1/2	115	120	6.8	5.6-8.0	A310-90	7	5.5x9x4.9	A345-90	8	9.9x14.2x6.6
3/4	115	120	11	10-15	A311-90	7	5.5x9x4.9	A346-90	8	9.9x14.2x6.6
1	115	120	14	11-17	A312-90	7	5.5x9x4.9	A347-90	8	9.9x14.2x6.6
1.5	115	120	18	15-23	A313-90	7	5.5x9x4.9	A348-90	8	9.9x14.2x6.6
2	115	120	22	22-32	A314-90	7	5.5x9x4.9	A349-90	8	9.9x14.2x6.6
3	115	120	30	25-40	A315-90	12	7.5x13x5.6	A350-90	8	9.9x14.2x6.6
1/2	230	208-240	3.4	2.8-4	A316-90	7	5.5x9x4.9	A351-90	8	9.9x14.2x6.6
3/4	230	208-240	5.5	4-6.3	A317-90	7	5.5x9x4.9	A352-90	8	9.9x14.2x6.6
1	230	208-240	7	7-10	A318-90	7	5.5x9x4.9	A353-90	8	9.9x14.2x6.6
1.5	230	208-240	9	8-12.5	A319-90	7	5.5x9x4.9	A354-90	8	9.9x14.2x6.6
2	230	208-240	11	10-15	A320-90	7	5.5x9x4.9	A355-90	8	9.9x14.2x6.6
3	230	208-240	15	11-17	A321-90	7	5.5x9x4.9	A356-90	8	9.9x14.2x6.6
5	230	208-240	21	15-23	A322-90	7	5.5x9x4.9	A357-90	8	9.9x14.2x6.6
7.5	230	208-240	34	25-40	A323-90	13	7.5x13x5.6	A358-90	10	9.9x14.2x6.6
10	230	208-240	40	32-50	A324-90	13	7.5x13x5.6	A359-90	10	9.9x14.2x6.6

Three-Phase Enclosed Magnetic Starter

HP	Power Supply Voltage	Coil Voltage	Motor Amps	Overload Amp Range	AMT Model NEMA Type 1 with RESET Requires Separate Control-120V	Ship Wt (lbs.)	*Control Box Dimension [WxHxD] [in]	AMT Model NEMA Type 4X with MANUAL-OFF-AUTO and Start/Stop Buttons	Ship Wt. (lbs.)	*Control Box Dimension [WxHxD] [in]
1/2	230	120	2.1	1.8-2.8	A325-90	7	5.5x9.5x4.9	A360-90	8	9.9x14.2x6.6
3/4	230	120	2.7	1.8-2.8	A326-90	7	5.5x9.5x4.9	A361-90	8	9.9x14.2x6.6
1	230	120	3.3	2.8-4	A327-90	7	5.5x9.5x4.9	A362-90	8	9.9x14.2x6.6
1.5	230	120	4.74	4-6.3	A328-90	7	5.5x9.5x4.9	A363-90	8	9.9x14.2x6.6
2	230	120	5.7	5.6-8.0	A329-90	7	5.5x9.5x4.9	A364-90	8	9.9x14.2x6.6
3	230	120	8.1	7-10	A330-90	7	5.5x9.5x4.9	A365-90	8	9.9x14.2x6.6
5	230	120	13	11-17	A331-90	7	5.5x9.5x4.9	A366-90	8	9.9x14.2x6.6
7.5	230	120	19.4	15-23	A332-90	7	5.5x9.5x4.9	A367-90	8	9.9x14.2x6.6
10	230	120	25.6	22-32	A333-90	7	5.5x9.5x4.9	A368-90	8	9.9x14.2x6.6
15	230	120	37.6	32-50	A334-90	8	5.5x9.5x4.9	A369-90	9	9.9x14.2x6.6
1/2	460	120	1.05	.8-1.2	A335-90	13	7.5x13x5.6	A370-90	10	9.9x14.2x6.6
3/4	460	120	1.35	1.2-1.8	A336-90	7	5.5x9.5x4.9	A371-90	8	9.9x14.2x6.6
1	460	120	1.65	1.2-1.8	A337-90	7	5.5x9.5x4.9	A372-90	8	9.9x14.2x6.6
1.5	460	120	2.32	1.8-2.8	A338-90	7	5.5x9.5x4.9	A373-90	8	9.9x14.2x6.6
2	460	120	2.85	2.8-4	A339-90	7	5.5x9.5x4.9	A374-90	8	9.9x14.2x6.6
3	460	120	4.05	4-6.3	A340-90	7	5.5x9.5x4.9	A375-90	8	9.9x14.2x6.6
5	460	120	6.5	5.6-8.0	A341-90	7	5.5x9.5x4.9	A376-90	8	9.9x14.2x6.6
7.5	460	120	9.7	8-12.5	A342-90	7	5.5x9.5x4.9	A377-90	8	9.9x14.2x6.6
10	460	120	12.8	11-17	A343-90	7	5.5x9.5x4.9	A378-90	8	9.9x14.2x6.6
15	460	120	18.2	15-23	A344-90	7	5.5x9.5x4.9	A379-90	8	9.9x14.2x6.6

Kits for field installation in Model NEMA Type 1 Enclosures	START/STOP	A300-90	2	Start/Stop Pushbutton
	H-O-A	A301-90	2	Hand-Off-Auto Selector Switch
	OFF-ON	A302-90	2	Off-On Selector Switch

*Dimensions have a tolerance of $\pm 1/8$ "

Standard Features NEMA Type 1 Control Box

- NEMA Type 1 enclosure with knockouts for indoor usage
- 1/2 to 15 horsepower rating for single and three-phase applications
- Ambient temperature compensated overload relays
- Easy field installation on optional pilot devices
- Manual reset on the cover
- UL 508 approved



Standard Features NEMA Type 4X Control Box

- NEMA Type 4X plastic enclosure for outdoor usage
- 1/2 to 15 horsepower rating for single and three-phase applications
- Ambient temperature compensated overload relays
- Step-down control circuit transformer for three-phase control boxes
- Selector switch for "Manual-Off-Auto"
- "Start" and "Stop" pushbuttons for manual operation
- UL 508A approved

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 47

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

CP43-44/1206



INDUSTRIAL DUTY

Self-Priming Utility Pumps

Models 4850-97 :

- **Cast Bronze Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **3/4" NPT Suction and Discharge Ports**
- **Maximum Working Pressure 50 PSI**
- **Maximum Temperature 180° F**
- **1/12 HP, 12V DC**
- **Maximum Suction Lift is 4 ft.**

AMT Self-priming Bronze Centrifugal pumps are compact and designed for a wide range of dewatering/recirculating applications including marine, salt water aquaculture and live well tanks. Model 4850-97 is fitted with a 1/8 HP, 12V DC, 3700 RPM motor.



**Model 4850-97
Cast Bronze**



**Model 4292-96
Cast Aluminum**

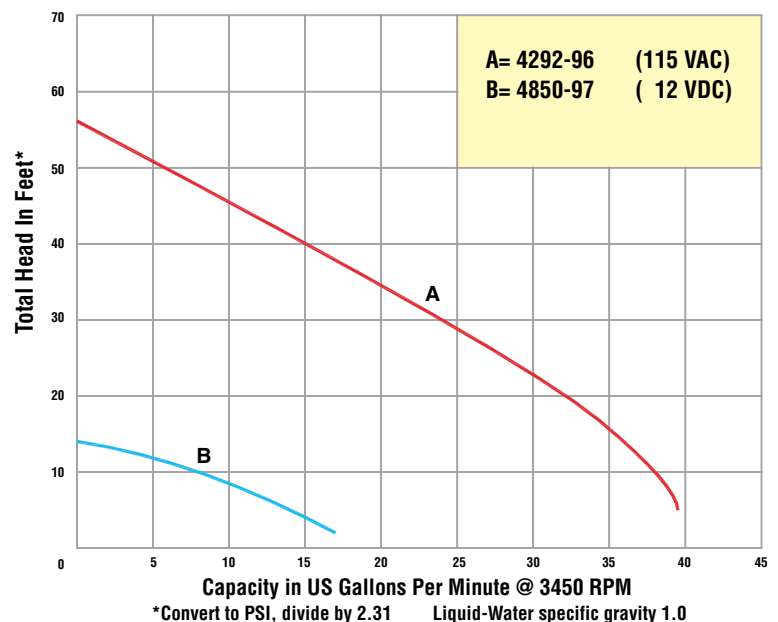
Model 4292-96:

- **Cast Aluminum Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **1" NPT Suction and Discharge Ports**
- **Carry Handle**
- **Maximum Working Pressure 75 PSI**
- **Maximum Temperature 180° F**
- **Includes (2) Garden Hose Adapters**
- **1/2 HP NEMA 56J Open Drip Proof (ODP) Motor with 8 ft. 115VAC Cord**
- **Maximum Suction Lift is 6 ft.**

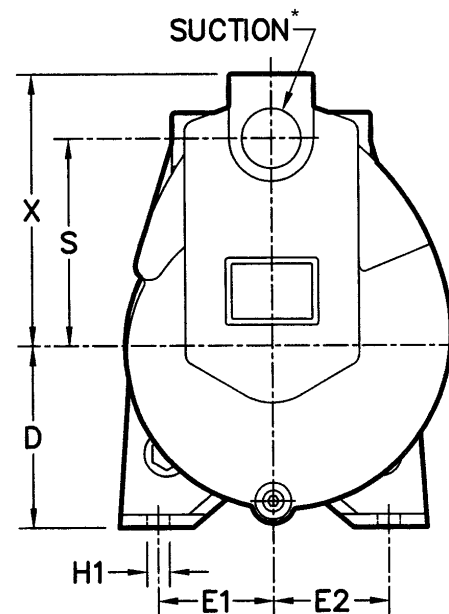
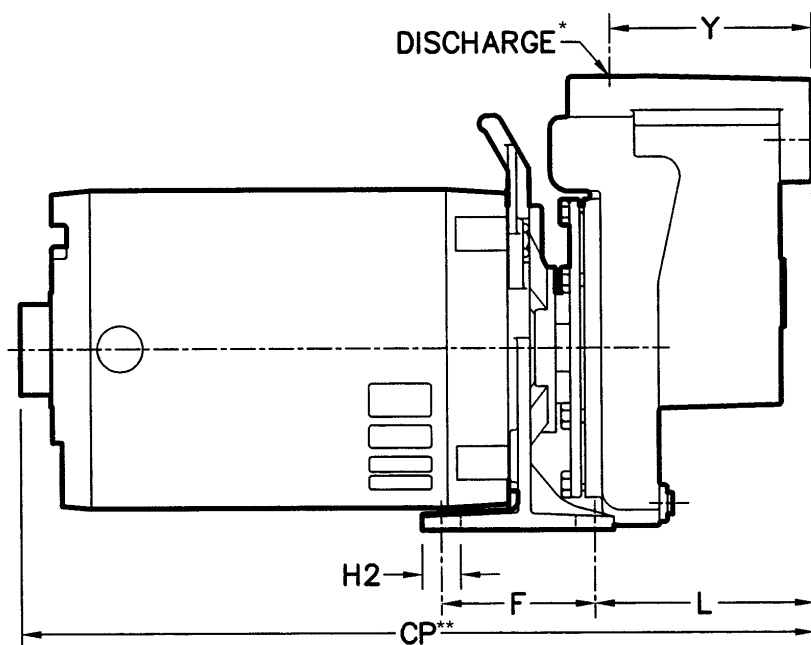
Model 4292-96 is designed to be portable and handle many water transfer services including storm drainage, emergency water supply, wash down and swimming pool/spa tub draining. Self-cleaning, semi-open impeller handles solids up to 1/8" diameter. Built-in carrying handle for ease of transport and two 1" x 3/4" garden hose adapters included. Pump is coupled to a 1/2 HP ODP motor complete with 115 VAC line cord and plug.

AMT Self-priming Utility pumps are reliable, cost effective, low maintenance and many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Performance of Self-Priming Utility Pumps



Self-Priming Utility Pumps



Pump Dimensional & Specification Data

Model No.	Curve	HP	PH	ENC	Full Load Voltage	Amps	SUC*	DIS*	CP**	D	E1	E2	F	H1	H2	L	S	X	Ship Y	Wt.
4850-97	B	1/12	-	TENV	12.8V DC	11	3/4"	3/4"	8.7	1.7	1.7	1.7	1.9	0.2	0.2	5.2	3.4	2.3	2.0	9 Lbs.
4292-96	A	1/2	1	ODP	115V AC @ 60 Hz	10 / 5	1"	1"	16.1	3.5	2.2	2.2	2.7	0.4	0.7	4.4	4.0	5.2	3.9	21 Lbs.

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** AC motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. $230V \pm 10\% = 207$ to 253).

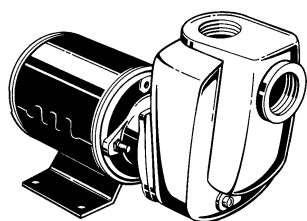
Standard Features

Model 4850-97

- **Cast Bronze** Construction
- Buna-N Mechanical Seal and O-Ring
- 3/4" NPT Suction and Discharge Ports
- Maximum Working Pressure 50 PSI
- Maximum Temperature 180° F
- 1/12 HP, 12V DC (4850-97)
- **"Off-the-Shelf"** availability on both models

Model 4292-96:

- **Cast Aluminum** Construction
- Buna-N Mechanical Seal and O-Ring
- 1" NPT Suction and Discharge Ports
- Maximum Working Pressure 75 PSI
- Maximum Temperature 180° F
- Carry Handle
- Includes (2) Garden Hose Adapters
- 1/2 HP NEMA 56J Open Drip Proof (ODP) Motor with 8 ft. 115VAC Cord
- **"Off-the-Shelf"** availability for this model





Self-Priming Utility Pumps

Model 2851-96

- **Aluminum Construction**
- **Handles Liquids with Specific Gravity up to 1.6**
- **1" NPT Suction and Discharge Ports**
- **1/3 HP ODP Motor with 8 ft. 115 VAC Power Cord**
- **Includes (2) Garden Hose Adapters**
- **Self-cleaning Impeller**
- **Max Suction Lift is 15 ft. Without Foot Valve**
- **Max Working Pressure is 75 PSI**
- **Max Temperature is 180° F**
- **Viton Mechanical Seal and O-Ring**

AMT Model 2851-96 is designed for liquid transfer and general dewatering such as emergency water supply, storm drains, pool/spa tub drainage and select chemical transfer up to 1.6 specific gravity that are compatible with all pump components. Portable, lightweight unit with handle and base.



Model 2851-96

Model 5670-96

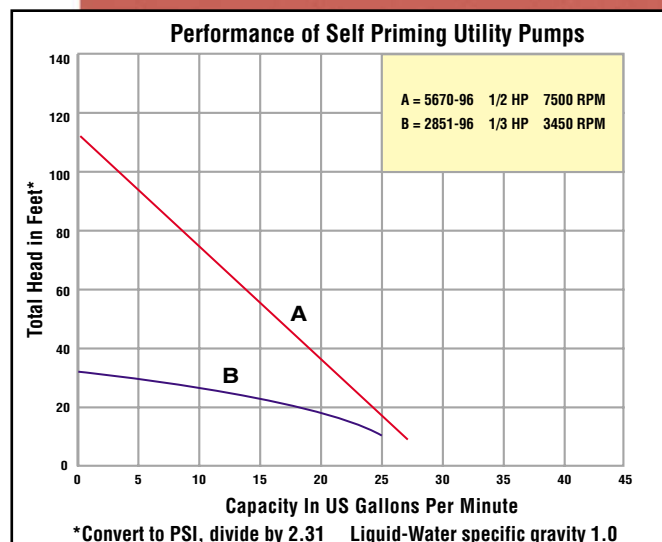
- **Aluminum Construction**
- **Plastic Impeller Handles 1/4" Solids**
- **3/4" NPT Suction and Discharge Ports**
- **1/2 HP 7500 RPM ODP Motor with Replaceable Brushes and 8 ft. 115 VAC Power Cord**
- **Includes (2) Garden Hose Adapters and Suction Strainer**
- **Buna N Gaskets**
- **Max Suction Lift is 15 Ft.**
- **Built-in Carry Handle**
- **Max Working Pressure is 75 PSI**
- **Max Temperature is 160° F**
- **Buna N Mechanical Seal**

Model 5670-96 is designed for portability and ease of operation. Ideally suited for wash down, emergency water supply, swimming pool/spa tub drainage, storm drainage and many other water transfer applications.

AMT Utility Pumps are reliable, cost effective, low maintenance and many are readily available "Off-the-shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

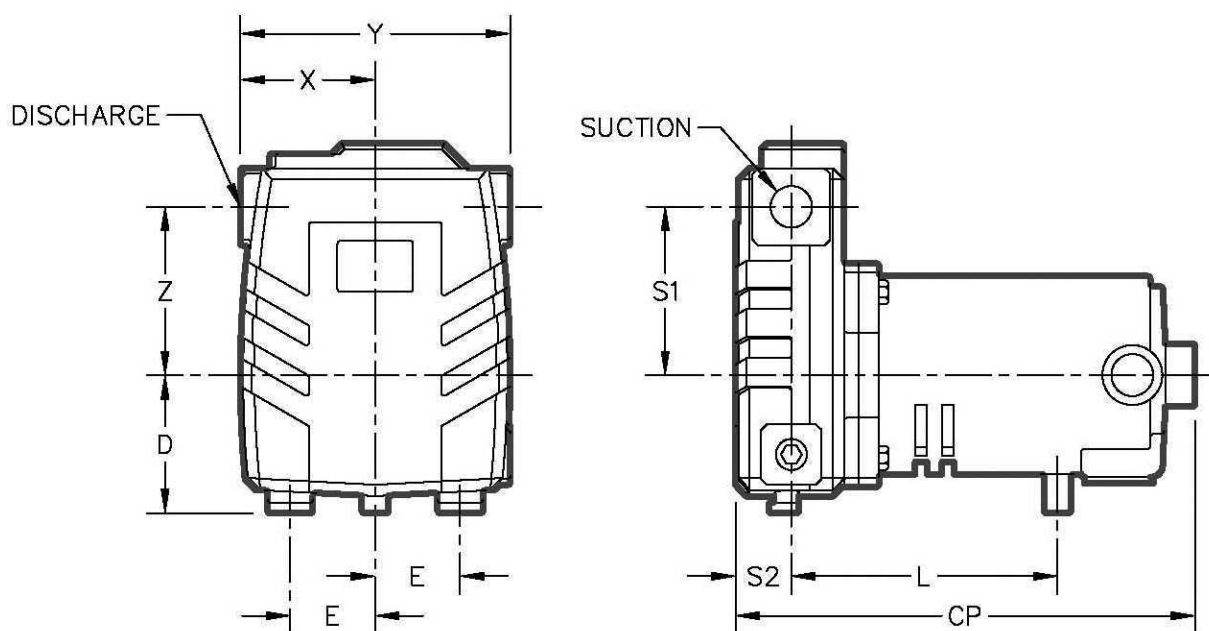


Model 5670-96



Viton® is a registered trademark of E. I. DuPont

Self-Priming Utility Pumps



Model	Curve	Suc*	Dis*	CP	D	E	L	S1	S2	X	Y	Z
2851-96	B	1	1	17.1	3.5	2.2	2.2	2.4	2.8	3.0	6.0	3.6
5670-96	A	3/4	3/4	9.6	2.9	1.8	5.6	3.5	1.2	2.8	5.6	3.5

Standard Features 2851-96

- Aluminum Construction
- 1" NPT Suction and Discharge Ports
- 1/3 HP ODP Motor with 8 ft. 115 VAC Power Cord
- Includes Garden Hose Adapters
- Self-cleaning Impeller
- Max Suction Lift 15 ft.
- Max Working Pressure 75 PSI
- Max Temperature 180° F
- Viton® Mechanical Seal & O-Ring
- "Off-the-Shelf" Availability

Standard Features 5670-96

- Aluminum Construction with Plastic Impeller
- 3/4" NPT Suction and Discharge Ports
- 1/2 HP 7500 RPM ODP Motor with 8 ft. 115 VAC Power Cord
- Includes (2) Garden Hose Adapters and Strainer
- Buna N Gaskets and Mechanical Seals
- Max Suction Lift 15 Ft.
- Built-in Carry Handle
- Max Working Pressure 75 PSI
- Max Temperature 160° F
- "Off-the-Shelf" Availability

Model	Description/Type of Pump	Ship Wt (Lbs.)	RPM	HP	Port Size Suc X Dis (NPT)	Basic Constr.	Seal Type & Elastomer/Faces	VAC	FL Amps	Motor Encl.
2851-96	Self-Priming Utility Pumps	42	3450	1/3	1" x 1"	Aluminum	Viton® Carbon Ceramic	115/230	8/4	ODP
5670-96	Self-Priming Utility Pumps	15	7500	1/2	3/4" x 3/4"	Aluminum	Buna Carbon Ceramic	115	8	ODP

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Self-Priming Utility Pump

Model 81 1/4B3-E.33 1P

- **Cast Iron Construction**
- **Copper Alloy No. C83600 Impeller Handles 5/16" Solids**
- **1-1/4" NPT Suction and Discharge Ports**
- **1/3 HP ODP Motor with 8 ft. 115vac Power Cord**
- **Includes Float Switch and Strainer**
- **Built-in Flapper Valve, Brass, Buna N, and Nylon**
- **Maximum Suction Lift is 20 ft.**
- **Maximum Operating Pressure is 26 PSI**
- **Maximum Temperature is 160° F**
- **Viton®* Mechanical Seal**

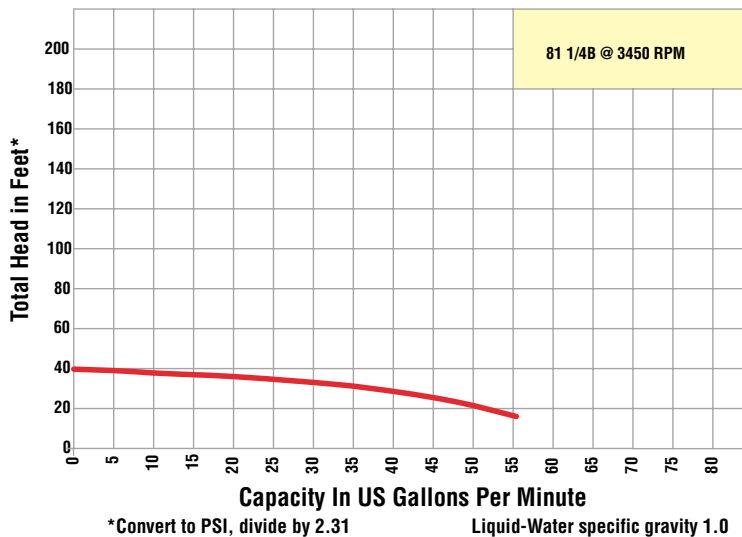
Model 81 1/4B3-E.33 1P is designed for applications requiring high volume, low pressure, sump or liquid transfer. The copper alloy semi-open impeller handles solids to 5/16" diameter. Built-in flapper/check valve enables consistent self-priming to 20 ft. Included with the pump are a suction strainer, float switch, and an eight foot power cord. Motor is 1/3 horsepower.

*Viton® is a registered trademark of DuPont

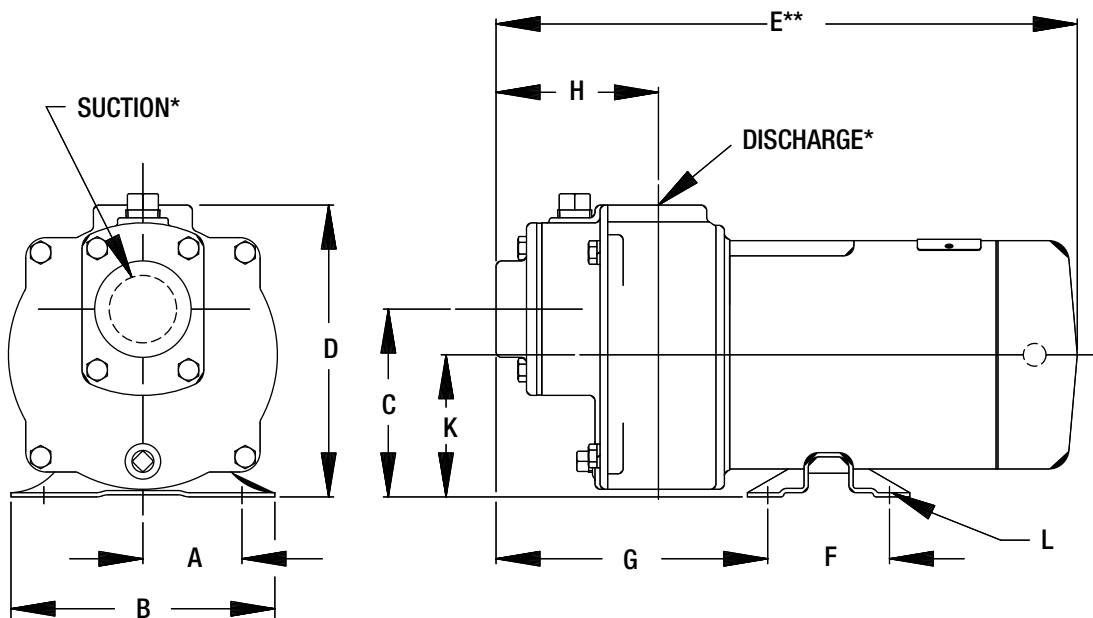


Model 81 1/4B3-E.33 IP

Composite of Performance Curves



Self-Priming Utility Pump



DIMENSIONS:
INCHES
[MILLIMETERS]

MODEL	A	B	C	D	E**	F	G	H	J	K	SUCT*	DISCH*	L
81 1/4B3-E.33 1P	2.44 [62.0]	6.50 [165.1]	4.62 [117.3]	7.19 [182.6]	14.32 [363.7]	3.00 [76.2]	6.69 [169.9]	4.00 [101.6]	3.25 [82.6]	3.50 [88.9]	1.25	1.25	1.22/[31.0] X .34/[8.6] SLOT 4 PLACES

(*) STANDARD NPT PIPE THREADS.

(**) DIMENSION MAY VARY WITH MOTOR MANUFACTURER.

Standard Features - 81 1/4

- Cast iron construction with copper alloy impeller
- 1-1/4" NPT suction and discharge ports
- 1/3 HP ODP Motor with 8 ft. 115 VAC power cord
- Includes float switch and strainer
- Built-in flapper valve
- Maximum suction lift 20 Ft.
- Maximum operating pressure 26 PSI
- Maximum temperature 160° F
- Viton®* mechanical seal
- “Off-the-Shelf” availability

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
81 1/4B3-E.33 1P	Self-Priming Utility Pumps	42	Elect. Motor 0.33 HP	1 1/4" x 1 1/4"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60hz	ODP

*Viton® is a registered trademark of DuPont



WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 17

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

CP49-500/0904



Self-Priming Centrifugal Pump

Model 81 1/2P47A

- **Valox® 420 Construction**
- **Valox® 420 Impeller Handles 9/16" Solids**
- **1-1/2" NPT Suction and Discharge Ports**
- **2 HP TEFC Motor Available in Single or Three Phase**
- **Stainless Steel No. 416 Impeller Shaft**
- **Replaceable Vane Plate, Valox® 420**
- **Replaceable Flow Guide, Valox® 420**
- **Maximum Suction Lift is 20 Ft.**
- **Maximum Operating Pressure is 26 PSI**
- **Maximum Temperature is 160° F**
- **Viton®* Mechanical Seal**
- **Stainless Steel No. 18-8 Hardware**

Model 81 1/P47A is designed for applications in manufacturing basic products: batch mixing, hot or cold, agitation and recirculation, transfer and transport and application to soil. The Valox® construction and Viton® seal material make this pump ideally suited for handling nitrogen solutions, clear mixes, suspensions and slurries, fertilizers with additives such as herbicides, insecticides, trace elements and micronutrients. The semi-open Valox® impeller handles solids to 9/16" diameter. Replaceable vane plate and flow guide. Pump available in single or three phase and includes a strainer.

*Viton® is a registered trademark of DuPont

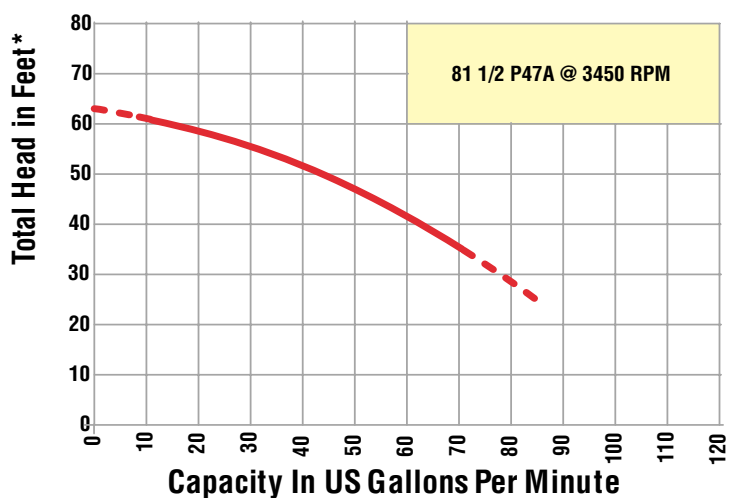
*Valox® is a registered trademark of General Electric

PREMIUM HEAVY DUTY



Model 81 1/2P47A-B

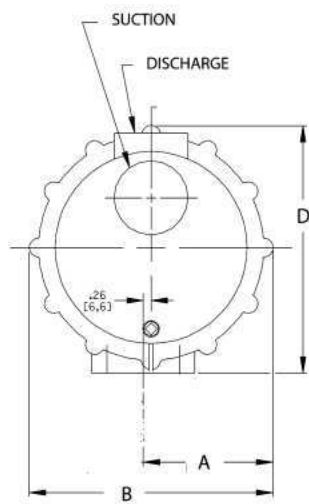
Composite of Performance Curves



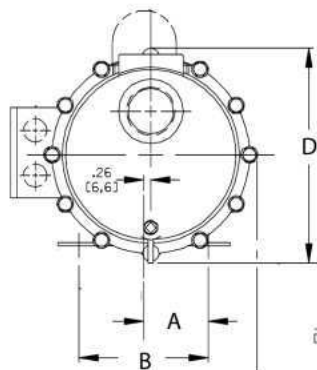
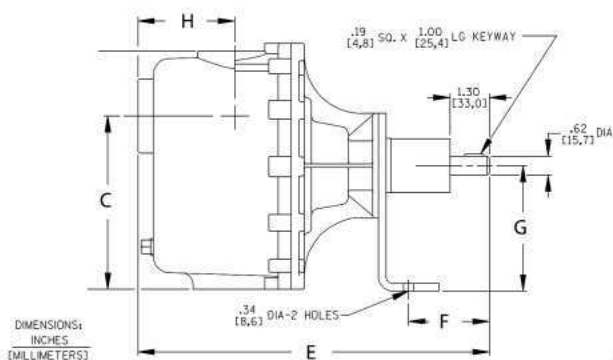
*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

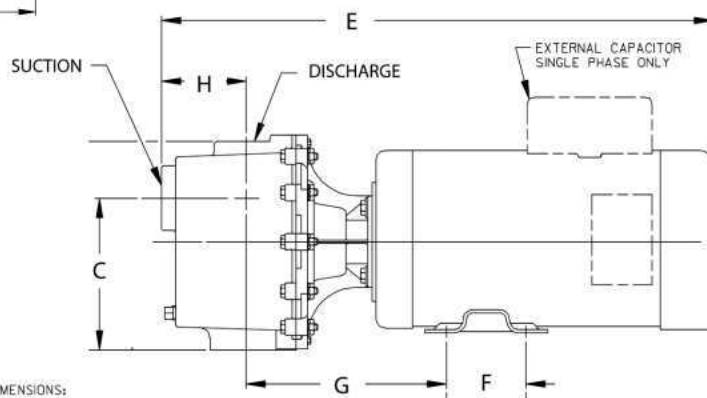
Self-Priming Utility Pump



81 1/2P47A-B



DIMENSIONS:
INCHES
(MILLIMETERS)



81 1/2P47A-E2

MODEL	A	B	C	D	E	F	G	H	SUCT*	DISCH*
81 1/2P47A-E2	2.44 (62.0)	4.88 (124.0)	5.73 (145.5)	8.18 (207.8)	20.78 (527.8)	3.00 (76.2)	7.54 (191.5)	3.18 (80.8)	1.50	1.50
81 1/2P47A-B	4.28 (108.7)	8.06 (204.7)	5.73 (145.5)	8.18 (207.8)	11.62 (295.1)	2.67 (67.8)	4.15 (105.4)	3.18 (80.8)	1.50	1.50

(*) STANDARD NPT PIPE THREADS

(**) DIMENSIONS MAY VARY WITH MOTOR MANUFACTURER

Standard Features - 81 1/2P47A

- Valox® construction with Valox® impeller
- 1-1/2" NPT suction and discharge ports
- 2 HP TEFC Motor
- Maximum suction lift 20 Ft.
- Maximum operating pressure 26 PSI
- Maximum temperature 160° F
- Viton®* mechanical seal
- "Off-the-Shelf" availability

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construc-tion	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
81 1/2P47A-E2 1P	Self-Priming Utility Pumps	60	Elect. Motor	1 1/2" x 1 1/2"	Valox®	Viton®* Carbon Ni-resist	115/230	60hz	TEFC
81 1/2P47A-E2 3P	Self-Priming Utility Pumps	60	Elect. Motor	1 1/2" x 1 1/2"	Valox®	Viton®* Carbon Ni-resist	230/460	60hz	TEFC
81 1/2P47A-B	Self-Priming Utility Pumps	10	Basic Pump	1 1/2" x 1 1/2"	Valox®	Viton®* Carbon Ni-resist	N/A	N/A	N/A
81 1/2P47A-(6)PPO	Self-Priming Utility Pumps	10	Kit	1 1/2" x 1 1/2"	Valox®	Viton®* Carbon Ni-resist	N/A	N/A	N/A

*Viton® is a registered trademark of DuPont



WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 17

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

CP51-52/1206



INDUSTRIAL DUTY

Self-Priming Cast Iron Centrifugal Pump

- **Cast Iron Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **Optional Viton® or Silicon Carbide Mechanical Seal and O-Ring**
- **Dual Volute Design**
- **1" or 1-1/4" NPT Suction and Discharge Ports**
- **Self-priming to 20 ft.**
- **Maximum Working Pressure 75 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 82 GPM**
- **Maximum Head 70 ft.**
- **Self-cleaning, Semi-open Impellers**
- **1/3 to 1-1/2 HP Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) Single or Three Phase Motors**

The AMT Self-Priming Cast Iron Centrifugal pumps are designed for circulating, boosting, washdown, liquid transfer and dewatering applications. Dual volute design reduces radial load on motor. The centerline discharge feature is specifically designed to prevent vapor binding and makes for convenient piping connections. All models are fitted with self-cleaning, semi-open impellers. The units will self-prime to 20 Ft. Mounting bases feature 7/16" mounting holes which are 6" OC (on center). Built in carrying handles offer portability.

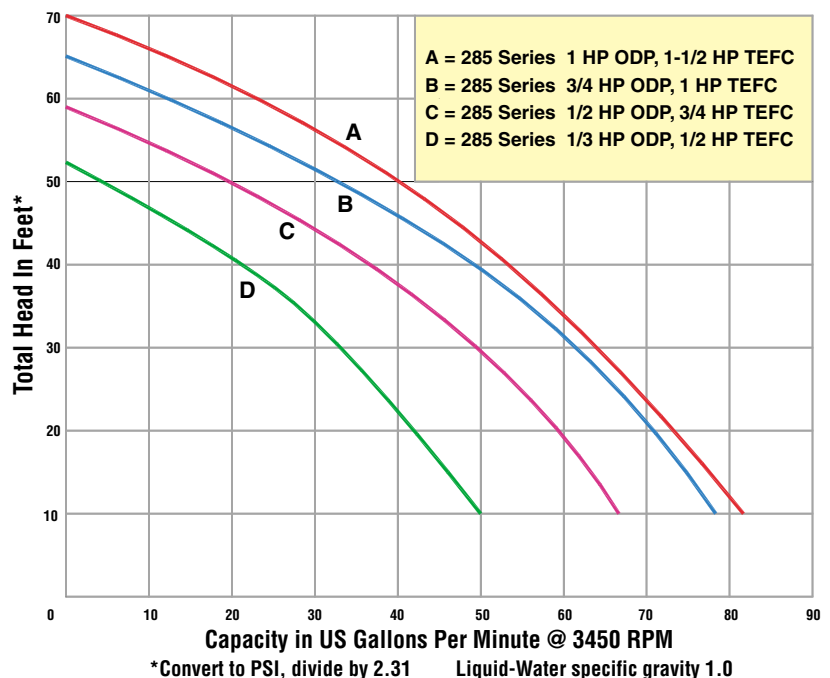
AMT Self-Priming Cast Iron Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont

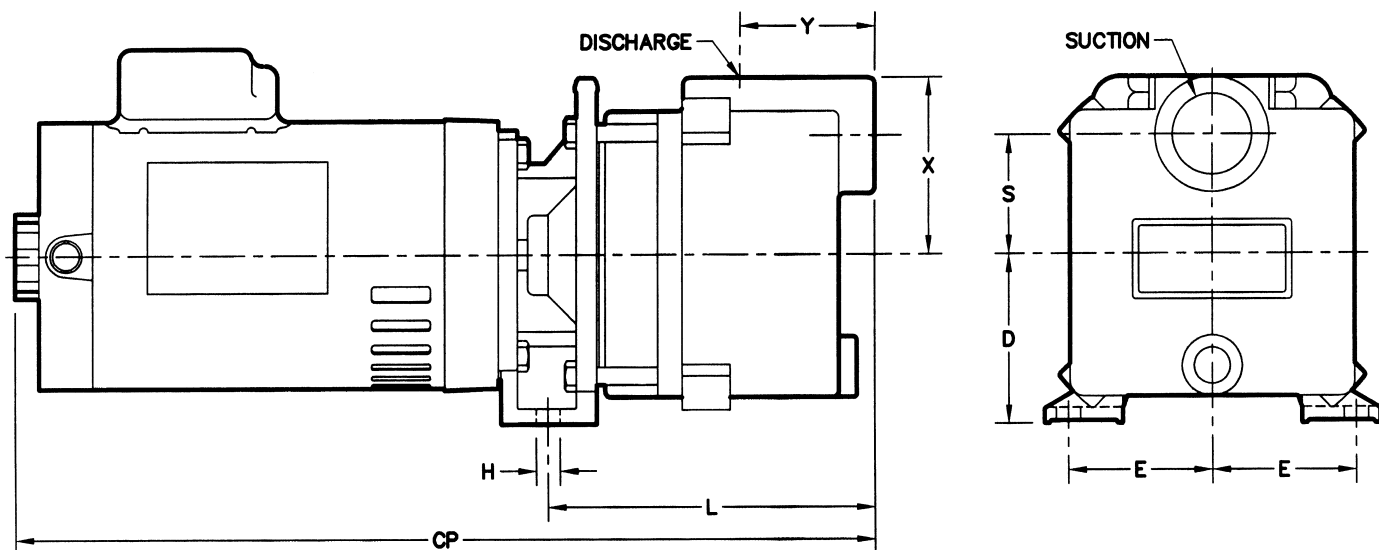


1-1/4" Self-Priming Pump

Performance of Cast Iron Centrifugal Pumps



Self-Priming Cast Iron Centrifugal Pumps



Pump Dimensional & Specification Data

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz+	Full Load Amps	SUC*	DIS*	CP**	D	E	H	L	S	X	Ship Y	Wt.
2851-95	D	1/3	1	ODP	115/230	8 / 4	1"	1"	17.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	38 Lbs.
2852-95	C	1/2	1	ODP	115/230	10 / 5	1-1/4"	1-1/4"	17.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	39 Lbs.
285M-95	C	1/2	3	ODP	230/460	4 / 2	1-1/4"	1-1/4"	17.6	3.5	3.0	.4	6.9	2.4	3.6	2.8	38 Lbs.
285E-95	D	1/2	1	TEFC	115/230	9 / 5	1"	1"	18.5	3.5	3.0	.4	6.9	2.4	3.6	2.8	42 Lbs.
2853-95	B	3/4	1	ODP	115/230	13 / 7	1-1/4"	1-1/4"	18.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	43 Lbs.
285F-95	C	3/4	1	TEFC	115/230	9 / 5	1-1/4"	1-1/4"	19.0	3.5	3.0	.4	6.9	2.4	3.6	2.8	46 Lbs.
2856-95	B	3/4	3	ODP	230/460	4 / 2	1-1/4"	1-1/4"	16.6	3.5	3.0	.4	6.9	2.4	3.6	2.8	42 Lbs.
285P-95	C	3/4	3	TEFC	230/460	3 / 2	1-1/4"	1-1/4"	17.1	3.5	3.0	.4	6.9	2.4	3.6	2.8	45 Lbs.
2855-95	A	1	1	ODP	115/230	17 / 9	1-1/4"	1-1/4"	18.9	3.5	3.0	.4	6.9	2.4	3.6	2.8	47 Lbs.
285G-95	B	1	1	TEFC	115/230	12 / 6	1-1/4"	1-1/4"	19.4	3.5	3.0	.4	6.9	2.4	3.6	2.8	50 Lbs.
2857-95	A	1	3	ODP	230/460	5 / 3	1-1/4"	1-1/4"	16.9	3.5	3.0	.4	6.9	2.4	3.6	2.8	45 Lbs.
285J-95	B	1	3	TEFC	230/460	4 / 2	1-1/4"	1-1/4"	19.4	3.5	3.0	.4	6.9	2.4	3.6	2.8	48 Lbs.
285H-95	A	1-1/2	1	TEFC	115/230	18 / 9	1-1/4"	1-1/4"	20.2	3.5	3.0	.4	6.9	2.4	3.6	2.8	58 Lbs.
285K-95	A	1-1/2	3	TEFC	230/460	5 / 3	1-1/4"	1-1/4"	19.4	3.5	3.0	.4	6.9	2.4	3.6	2.8	56 Lbs.

(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps and Service Factor, RPM and Priming Capabilities).

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

Standard Features

- Cast Iron Construction
- Maximum Working Pressure 75 PSI
- Buna-N Mechanical Seal and O-Ring
- Maximum Temperature 180° F
- Optional Viton® or Silicon Carbide Mechanical Seal and O-Ring
- Single or Three Phase, ODP or TEFC Motors Available
- Dual Volute Design Reduces Radial Load on Motor
- Self-cleaning, Semi-open Impellers
- 1" or 1-1/4" NPT Suction and Discharge Port
- "Off-the-Shelf" Availability for Many Models



Viton® is a registered trademark of E.I. DuPont

See price book page 18

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

CP53-54/0706



Self-Priming Centrifugal Pumps

- **300 Series Investment Cast Stainless Steel Construction with Viton® Seals; Maximum Temperature 200° F**
- **Cast Iron Construction with Buna-N Seals; Maximum Temperature 180° F**
- **Optional Silicon Carbide Seals Available**
- **1-1/2" and 2" NPT Port Sizes**
- **Self-Priming up to 20 Ft.**
- **Maximum Working Pressure 75 PSI**
- **Maximum Flow 150 GPM**
- **Maximum Head 102 Ft. (44 PSI)**
- **Dual Volute Design**
- **Self-cleaning, Clog Resistant Impeller**
- **Built In Check Valve**
- **Available with Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) Motors**
- **1/2 to 3 HP 56J Single and Three Phase, 3450 RPM Motors**

This line of AMT Self-priming Centrifugal pumps is designed for Industrial and Commercial applications requiring high volume liquid transfer, waste water drainage and processing. These pumps feature self-cleaning clog resistant impeller capable of handling up to 3/8" diameter semi-solids. Built in flapper/check valves enable consistent self-priming to 20 ft. Dual volute design reduces radial load on motor. Stainless Steel models are especially effective in applications where rust and/or corrosion can develop in systems and also are highly resistant to erosion and chemicals. Cast Iron models offer durability, high quality and value that continue to set the standard in the industry.

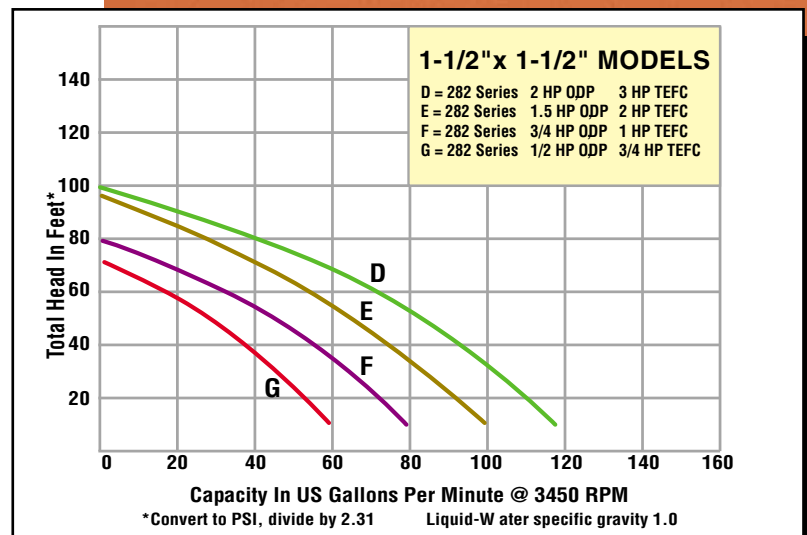
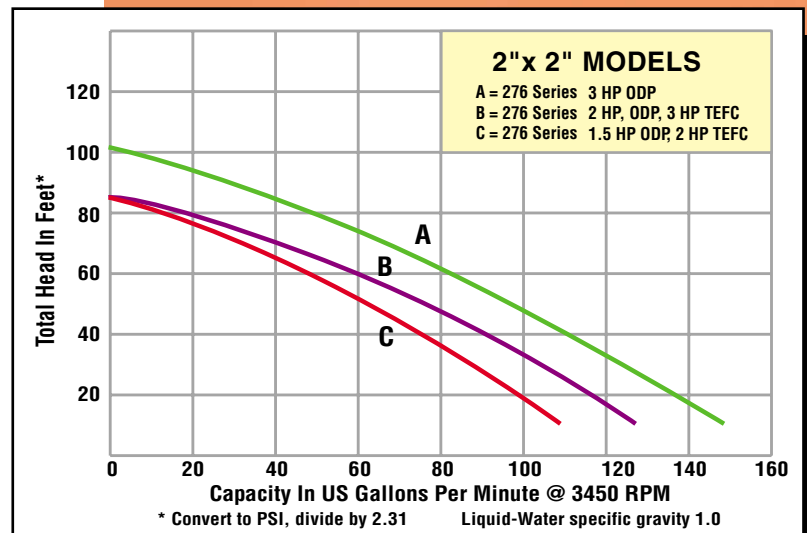
AMT Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont

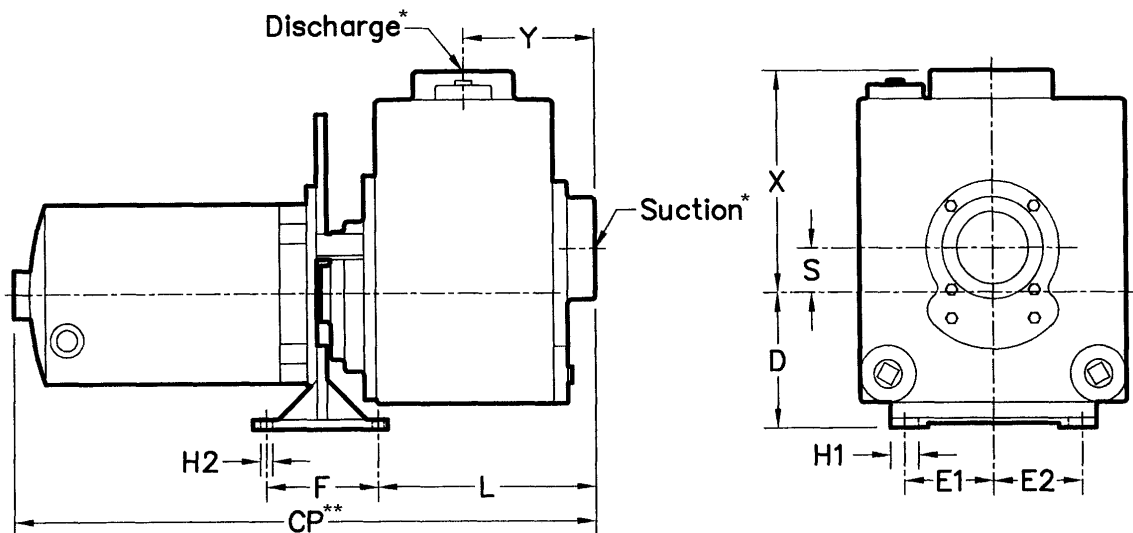
INDUSTRIAL DUTY



Model 2761-95



Self-Priming Centrifugal Pumps



Pump Dimensional & Specification Chart

Cast Iron Models	Curve	Stainless Models	HP	PH	ENC	Voltage @ 60 Hz+	Full Load Amps	SUC*	DIS*	CP**	D	E1	E2	F	H1	H2	L	S	X	Y	Cast Iron Ship Wt	Stainless Ship Wt
2827-95	G	2827-98	1/2	1	ODP	115/230	10/5	1-1/2"	1-1/2"	16.9	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	47 Lbs.	50 Lbs.
282J-95	G	282J-98	1/2	3	ODP	230/460	4/2	1-1/2"	1-1/2"	17.4	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	51 Lbs.	53 Lbs.
2825-95	F	2825-98	3/4	1	ODP	115/230	13/7	1-1/2"	1-1/2"	17.6	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	50 Lbs.	53 Lbs.
2826-95	F	2826-98	3/4	3	ODP	230/460	4/2	1-1/2"	1-1/2"	17.8	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	50 Lbs.	53 Lbs.
282D-95	G	282D-98	3/4	1	TEFC	115/230	9/5	1-1/2"	1-1/2"	19.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	52 Lbs.	55 Lbs.
282F-95	G	282F-98	3/4	3	TEFC	230/460	3/2	1-1/2"	1-1/2"	18.4	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	49 Lbs.	52 Lbs.
282C-95	F	282C-98	1	1	TEFC	115/230	12/6	1-1/2"	1-1/2"	19.4	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	55 Lbs.	58 Lbs.
282K-95	F	282K-98	1	3	TEFC	230/460	4/2	1-1/2"	1-1/2"	19.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	51 Lbs.	54 Lbs.
2821-95	E	2821-98	1-1/2	1	ODP	115/230	22/11	1-1/2"	1-1/2"	16.8	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	62 Lbs.	65 Lbs.
2822-95	E	2822-98	1-1/2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	16.6	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	58 Lbs.	61 Lbs.
2828-95	D	2828-98	2	1	ODP	115/230	28/14	1-1/2"	1-1/2"	17.6	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	69 Lbs.	72 Lbs.
282L-95	D	282L-98	2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	17.7	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	68 Lbs.	71 Lbs.
282A-95	E	282A-98	2	1	TEFC	115/230	22/11	1-1/2"	1-1/2"	19.2	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	74 Lbs.	77 Lbs.
282B-95	E	282B-98	2	3	TEFC	230/460	6/3	1-1/2"	1-1/2"	18.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	69 Lbs.	71 Lbs.
282E-95	D	282E-98	3	1	TEFC	230	16	1-1/2"	1-1/2"	20.0	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	80 Lbs.	83 Lbs.
282M-95	D	282M-98	3	3	TEFC	230/460	8/4	1-1/2"	1-1/2"	20.8	4.5	2.2	2.2	3.0	0.5	0.7	5.4	0.9	5.1	3.5	80 Lbs.	83 Lbs.
2762-95	C	2762-98	1-1/2	1	ODP	115/230	17/9	2"	2"	18.4	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	68 Lbs.	72 Lbs.
2764-95	C	2764-98	1-1/2	3	ODP	230/460	7/4	2"	2"	18.6	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	69 Lbs.	73 Lbs.
2761-95	B	2761-98	2	1	ODP	115/230	28/14	2"	2"	19.1	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	74 Lbs.	78 Lbs.
276B-95	C	276B-98	2	1	TEFC	115/230	22/11	2"	2"	20.7	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	79 Lbs.	83 Lbs.
2763-95	B	2763-98	2	3	ODP	230/460	7/4	2"	2"	19.1	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	67 Lbs.	71 Lbs.
276D-95	C	276D-98	2	3	TEFC	230/460	6/3	2"	2"	19.4	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	68 Lbs.	72 Lbs.
2767-95	A	2767-98	3	1	ODP	230	18	2"	2"	20.2	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	76 Lbs.	79 Lbs.
276A-95	B	276A-98	3	1	TEFC	230	16	2"	2"	21.4	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	79 Lbs.	83 Lbs.
2766-95	A	2766-98	3	3	ODP	230/460	9/5	2"	2"	19.9	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	74 Lbs.	78 Lbs.
276C-95	B	276C-98	3	3	TEFC	230/460	8/4	2"	2"	20.9	4.5	2.2	2.2	3.0	0.5	0.7	6.7	1.2	6.7	4.4	76 Lbs.	80 Lbs.

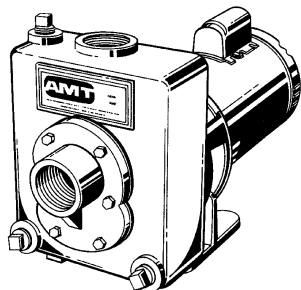
(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase motors can also operate on 50 Hz. (This will change Full Load Amps, Service Factor, RPM and Priming Capabilities)

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)



ots
OFF THE SHELF
PUMPS

Standard Features

- 300 Series Investment Cast Stainless Steel Construction with Viton® seals, Max. Temperature 200° F
- Cast Iron Construction with Buna-N seals, Max. Temperature 180° F
- Dual Volute Design
- Handles 3/8" Diameter Semi-solids
- Self-cleaning, Clog Resistant Impeller
- Built in Flapper/Check Valve
- Steel Base and Handle
- "Off-the-Shelf" Availability for Many Models
- Nema 56J Motors with Stainless Steel Shafts
- Available in ODP or TEFC, Single or Three Phase
- Self-priming to 20 Ft.

Viton® is a registered trademark of E.I. DuPont

See price book page 19

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

CP55-56/0706



Self-Priming Centrifugal Pumps with Explosion Proof Motors

- **Cast Iron Construction**
- **Viton® Seals with Carbon and Ni-resist Faces**
- **1-1/4", 1-1/2" & 2" NPT Port Sizes**
- **Self-priming to 20 Ft.**
- **Maximum Operating Pressure to 31 PSI**
- **Maximum Temperature 160° F**
- **Maximum Flow 128 GPM**
- **Maximum Head 72 Ft.**
- **Solids Handling up to 3/8" Diameter**
- **1/2 to 2 HP Single and Three (3) Phase 3450 RPM Motors**

This line of Gorman-Rupp explosion proof, self-priming centrifugal pumps is designed for use in hazardous environments and/or for handling flammable liquids. 1-1/4", 1-1/2" and 2" NPT port sizes available with single or 3-phase motors with horsepower from 1/2 to 2. All models are self-priming and are equipped with Viton® seals with carbon and Ni-resist faces capable of handling liquids with temperatures to 160° F. Maximum flow to 128 GPM and max operating pressure to 31 PSI.

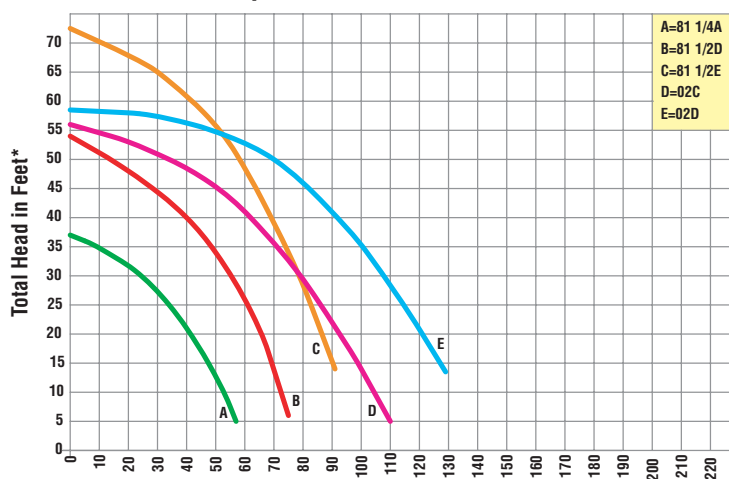
Exp. Proof Classes: Class 1, Group D,
Class 2, Groups E,F,G or FG.

PREMIUM HEAVY DUTY



Model 02C3-X1.5 1P

Composite of Performance Curves

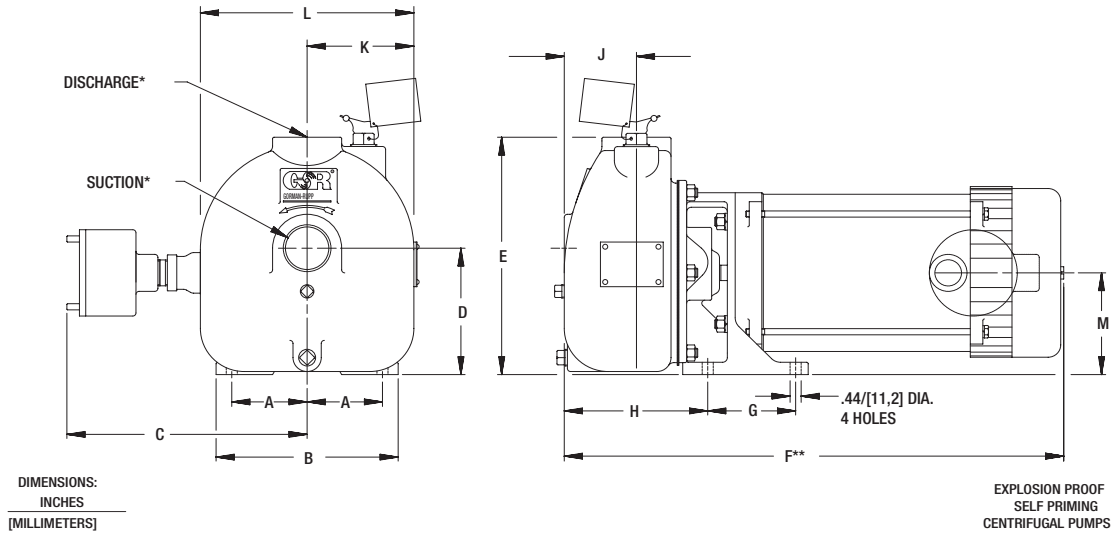


Capacity In US Gallons Per Minute @ 3450 RPM

*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

Self-Priming Centrifugal Pumps



MODEL	CURVE	A	B	C	D	E	F**	G	H	J	K	L	M	SUCT*	DISCH*
81 1/4A3-X.50 1P	A	3.50 [88.9]	8.00 [203.2]	9.56 [242.8]	4.75 [120.6]	8.00 [203.2]	18.00 [457.2]	3.00 [76.2]	5.62 [142.7]	3.19 [81.0]	3.44 [87.4]	6.88 [174.8]	3.50 [88.9]	1.25	1.25
81 1/4A3-X.50 3P	A	3.50 [88.9]	8.00 [203.2]	9.56 [242.8]	4.75 [120.6]	8.00 [203.2]	18.00 [457.2]	3.00 [76.2]	5.62 [142.7]	3.19 [81.0]	3.44 [87.4]	6.88 [174.8]	3.50 [88.9]	1.25	1.25
81 1/2D3-X.75 1P	B	3.00 [76.2]	7.00 [177.8]	9.56 [242.8]	5.12 [130.0]	9.63 [244.6]	19.00 [482.6]	3.50 [88.9]	5.71 [145.0]	2.88 [73.2]	4.25 [108.0]	8.50 [215.9]	4.13 [104.9]	1.50	1.50
81 1/2D3-X.75 3P	B	3.00 [76.2]	7.00 [177.8]	9.56 [242.8]	5.12 [130.0]	9.63 [244.6]	19.00 [482.6]	3.50 [88.9]	5.71 [145.0]	2.88 [73.2]	4.25 [108.0]	8.50 [215.9]	4.13 [104.9]	1.50	1.50
81 1/2D3-X1 1P	B	3.00 [76.2]	7.00 [177.8]	9.56 [242.8]	5.12 [130.0]	9.63 [244.6]	20.00 [508.0]	3.50 [88.9]	5.71 [145.0]	2.88 [73.2]	4.25 [108.0]	8.50 [215.9]	4.13 [104.9]	1.50	1.50
81 1/2D3-X1 3P	B	3.00 [76.2]	7.00 [177.8]	9.56 [242.8]	5.12 [130.0]	9.63 [244.6]	20.00 [508.0]	3.50 [88.9]	5.71 [145.0]	2.88 [73.2]	4.25 [108.0]	8.50 [215.9]	4.13 [104.9]	1.50	1.50
81 1/2E3-X1.5 1P	C	3.50 [76.2]	7.24 [183.9]	9.56 [242.8]	5.12 [130.0]	9.63 [244.6]	21.00 [533.4]	3.50 [88.9]	5.69 [144.5]	2.88 [73.2]	4.25 [108.0]	8.50 [215.9]	4.13 [104.9]	1.50	1.50
81 1/2E3-X1.5 3P	C	3.50 [76.2]	7.24 [183.9]	9.56 [242.8]	5.12 [130.0]	9.63 [244.6]	21.00 [533.4]	3.50 [88.9]	5.69 [144.5]	2.88 [73.2]	4.25 [108.0]	8.50 [215.9]	4.13 [104.9]	1.50	1.50
02C3-X1.5 1P	D	2.88 [73.2]	7.00 [177.8]	N/A	6.62 [168.1]	10.88 [276.4]	21.00 [533.4]	3.50 [88.9]	5.81 [147.6]	2.88 [73.2]	4.88 [123.9]	9.75 [247.6]	5.38 [136.6]	2.00	2.00
02C3-X1.5 3P	D	2.88 [73.2]	7.00 [177.8]	N/A	6.62 [168.1]	10.88 [276.4]	21.00 [533.4]	3.50 [88.9]	5.81 [147.6]	2.88 [73.2]	4.88 [123.9]	9.75 [247.6]	5.38 [136.6]	2.00	2.00
02D3-X2 1P	E	2.88 [73.2]	7.00 [177.8]	N/A	6.62 [168.1]	10.88 [276.4]	21.00 [533.4]	3.50 [88.9]	5.81 [147.6]	2.88 [73.2]	4.88 [123.9]	9.75 [247.6]	5.38 [136.6]	2.00	2.00
02D3-X2 3P	E	2.88 [73.2]	7.00 [177.8]	N/A	6.62 [168.1]	10.88 [276.4]	21.00 [533.4]	3.50 [88.9]	5.81 [147.6]	2.88 [73.2]	4.88 [123.9]	9.75 [247.6]	5.38 [136.6]	2.00	2.00

(*) STANDARD NPT PIPE THREADS.

(**) DIMENSION MAY VARY WITH MOTOR MANUFACTURER.

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	Cycle	Motor Enclosure
81 1/4A3-X.50 1P	Explosion Proof Self-Priming Centrifugal Pumps	85	Elect. Motor 0.5 HP	1 1/4" x 1 1/4"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60 Cycle	X-Proof
81 1/4A3-X.50 3P	Explosion Proof Self-Priming Centrifugal Pumps	85	Elect. Motor 0.5 HP	1 1/4" x 1 1/4"	Gray Iron	Viton®* Carbon Ni-resist	230/460	60 Cycle	X-Proof
81 1/2D3-X.75 1P	Explosion Proof Self-Priming Centrifugal Pumps	87	Elect. Motor 0.75 HP	1 1/2" x 1 1/2"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60 Cycle	X-Proof
81 1/2D3-X.75 3P	Explosion Proof Self-Priming Centrifugal Pumps	87	Elect. Motor 0.75 HP	1 1/2" x 1 1/2"	Gray Iron	Viton®* Carbon Ni-resist	208/230/460	60 Cycle	X-Proof
81 1/2D3-X1 1P	Explosion Proof Self-Priming Centrifugal Pumps	89	Elect. Motor 1.0 HP	1 1/2" x 1 1/2"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60 Cycle	X-Proof
81 1/2D3-X1 3P	Explosion Proof Self-Priming Centrifugal Pumps	89	Elect. Motor 1.0 HP	1 1/2" x 1 1/2"	Gray Iron	Viton®* Carbon Ni-resist	208/230/460	60 Cycle	X-Proof
81 1/2E3-X1.5 1P	Explosion Proof Self-Priming Centrifugal Pumps	76	Elect. Motor 1.5 HP	1 1/2" x 1 1/2"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60 Cycle	X-Proof
81 1/2E3-X1.5 3P	Explosion Proof Self-Priming Centrifugal Pumps	76	Elect. Motor 1.5 HP	1 1/2" x 1 1/2"	Gray Iron	Viton®* Carbon Ni-resist	230/460	60 Cycle	X-Proof
02C3-X1.5 1P	Explosion Proof Self-Priming Centrifugal Pumps	99	Elect. Motor 1.5 HP	2" x 2"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60 Cycle	X-Proof
02C3-X1.5 3P	Explosion Proof Self-Priming Centrifugal Pumps	99	Elect. Motor 1.5 HP	2" x 2"	Gray Iron	Viton®* Carbon Ni-resist	230/460	60 Cycle	X-Proof
02D3-X2 1P	Explosion Proof Self-Priming Centrifugal Pumps	101	Elect. Motor 2 HP	2" x 2"	Gray Iron	Viton®* Carbon Ni-resist	115/230	60 Cycle	X-Proof
02D3-X2 3P	Explosion Proof Self-Priming Centrifugal Pumps	101	Elect. Motor 2 HP	2" x 2"	Gray Iron	Viton®* Carbon Ni-resist	230/460	60 Cycle	X-Proof

*Viton® is a registered trademark of DuPont

Standard Features

- Cast iron construction
- Maximum operating pressure to 31 PSI
- Solids handling to 3/8" diameter
- Viton® seals with carbon and Ni-resist faces
- Maximum temperature 160° F
- Self-priming to 20 ft.
- 1-1/4", 1-1/2" & 2" NPT port sizes
- Maximum flow 128 GPM
- 1/2 to 2 HP single to three (3) phase 3450 RPM motors
- Maximum head 72 ft.

See price book page 20

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

CP57-58/1208





INDUSTRIAL DUTY

3" Self-Priming Centrifugal Pumps

- **Cast Iron Construction with Bronze Impeller**
- **Buna-N Mechanical Seal, Flapper/Check Valve and O-Ring**
- **Optional Viton® Mechanical Seal, Flapper/Check Valve and O-Ring Available**
- **Optional Silicon Carbide Seal Available**
- **3" NPT Suction and Discharge Ports**
- **Solids Handling up to 3/8" Diameter**
- **Optional Mounting Base Available**
- **Maximum Working Pressure 125 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 375 GPM**
- **Maximum Head 110 ft.**
- **Self-priming to 20 ft.**
- **Self-cleaning, Semi-open Impeller**
- **3 to 7-1/2 HP Three Phase TEFC Motors, 3 & 5 HP Single Phase TEFC Motors**

AMT Self-Priming Cast Iron Centrifugal pumps are designed for a broad range of high capacity applications, including dewatering, liquid transfer, circulation, drainage and irrigation. Dual volute design reduces radial load on motor. The centerline discharge feature is specifically designed to prevent vapor binding and makes for convenient piping connections. All models are fitted with self-cleaning, semi-open bronze impellers which can handle 3/8" diameter semi-solids. Built-in check valves for fast priming are standard on all units. Self-priming to 20 Ft. Fill and drain plugs for easy installation and servicing.

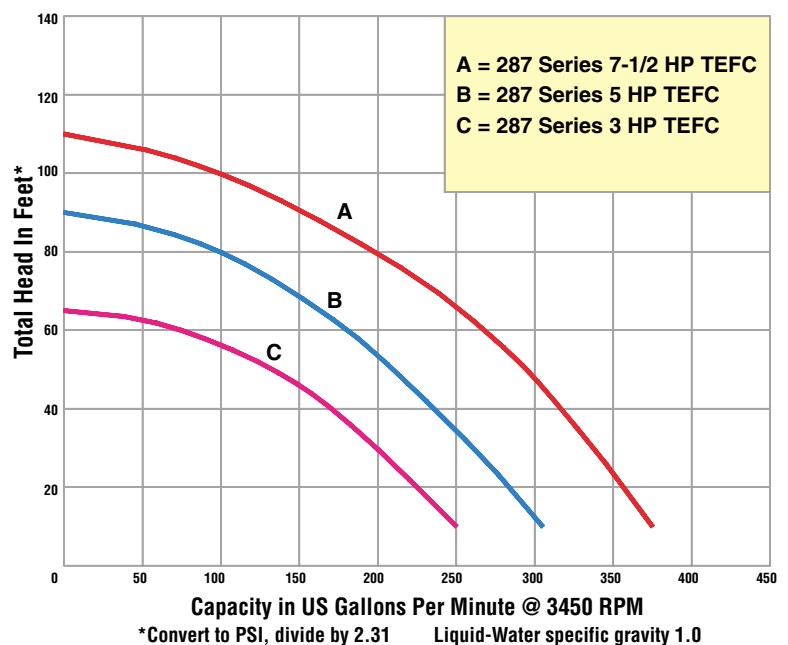
AMT Self-Priming Cast Iron Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont

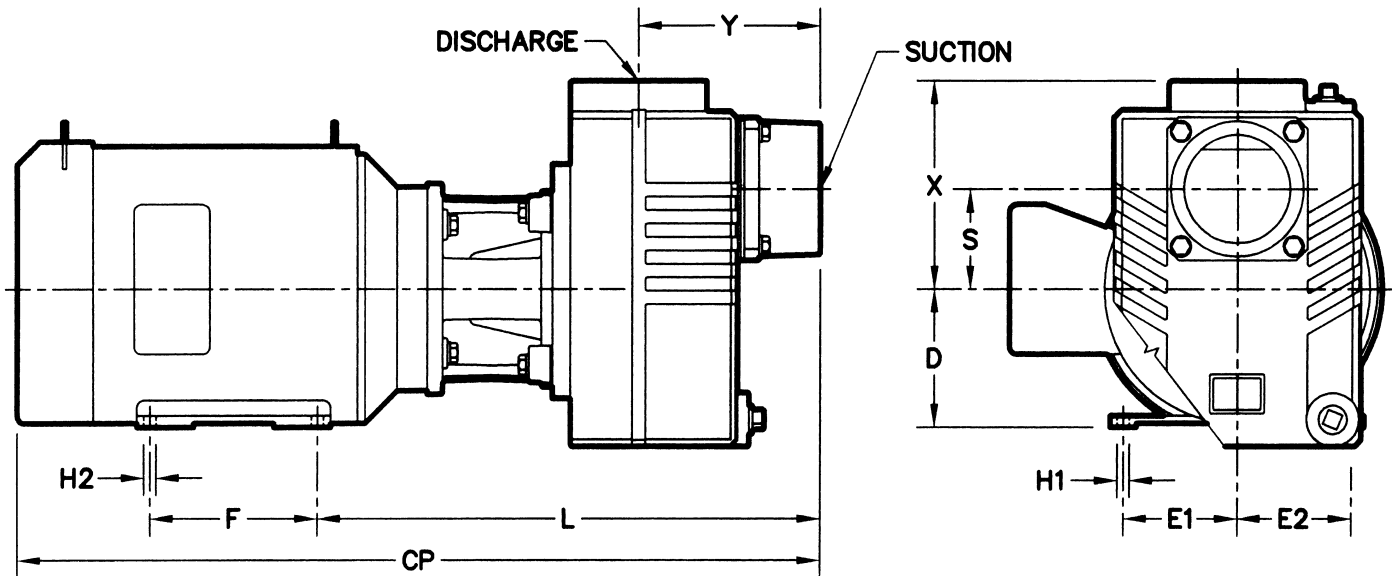


3" Self-Priming Pump

Performance of Self-Priming Centrifugal Pumps



3" Self-Priming Cast Iron Centrifugal Pumps



Pump Dimensional & Specification Data

Model	CURVE	SUC.*	DIS.*	CP**	D	E1	E2	F	H1	H2	L	S	X	Y	Motor	Frame
2877-95	C	3"	3"	26.04	4.50	3.75	3.75	5.50	0.41	0.41	16.56	3.25	6.75	5.97	3HP, 1PH	184JM
2874-95	C	3"	3"	26.04	4.50	3.75	3.75	4.50	0.41	0.41	16.56	3.25	6.75	5.97	3HP, 3PH	182JM
2878-95	B	3"	3"	28.97	4.50	3.75	3.75	5.50	0.41	0.41	16.56	3.25	6.75	5.97	5HP, 1PH	184JM
2875-95	B	3"	3"	25.04	4.50	3.75	3.75	5.50	0.41	0.41	16.56	3.25	6.75	5.97	5HP, 3PH	184JM
2876-95	A	3"	3"	28.04	4.50	3.75	3.75	5.50	0.41	0.41	16.56	3.25	6.75	5.97	7.50HP, 3PH	184JM

(*) Standard NPT (female) pipe thread.

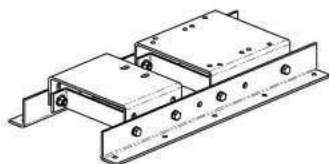
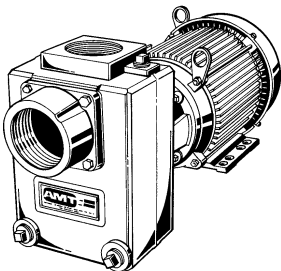
(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps and Service Factor, RPM and Priming Capabilities).

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

Standard Features



**Optional Mounting Base
Model # A200-90**

- Cast Iron construction with Bronze Impeller
- Buna-N Mechanical Seal and O-Ring
- Optional Viton® Mechanical Seal and Flapper Valve Available
- Optional Silicon Carbide Seal Available
- 3" NPT Suction and Discharge Ports
- Stainless Steel Shaft Sleeve
- Dual Volute Design Reduces Radial Load on Motor
- Fill and Drain Plug for Easy Servicing
- Maximum Working Pressure 125 PSI
- Maximum Temperature 180° F
- Maximum Flow 375 GPM
- Maximum Head 110 ft.
- Self-cleaning, Semi-open Impellers
- 3 to 7-1/2 HP Three Phase, 184JM, Totally Enclosed Fan Cooled (TEFC) Motors
- 3 & 5 HP Single Phase, 184JM, Totally Enclosed Fan Cooled (TEFC) Motors
- "Off-the-Shelf" Availability on Many Models
- Optional Mounting Base Available on All Above Models (Reference pgs. 41-42)



Self-Priming Centrifugal Pedestal Pumps

- **Cast Iron & Stainless Steel Construction**
- **Buna-N Mechanical Seals on Cast Iron
Viton® Mechanical Seals on Stainless Steel Model**
- **Optional Silicon Carbide Mechanical Seals Available**
- **1-1/4" to 3" NPT Suction and Discharge Port Sizes**
- **Dual Volute Design Reduces Radial Load on Motors**
- **Maximum Temperature**

Buna-N	180° F
Viton®	200° F
- **Self-cleaning, Semi-open Impellers**
- **Sized for 1 HP to 7-1/2 HP Driver Depending on Model**
- **Heavy Duty Cast Iron Pedestal Drive with Sealed Ball Bearings**

AMT Self-Priming Centrifugal Pedestal pumps are designed for a wide range of industrial, agricultural and commercial applications. Dual volute design reduces radial load on motor. Heavy duty cast iron construction with Buna-N seals or Stainless Steel with Viton® seals. Pumps are fitted with a self-cleaning, semi-open impeller and are coupled to a heavy duty cast iron bearing housing with a CNC machined keyed shaft extension and sealed ball bearings. The pump has been designed for either direct connection or belt drive. The maximum recommended RPM is 4000.

AMT Self-Priming Centrifugal Pedestal pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids which are compatible with pump component materials.

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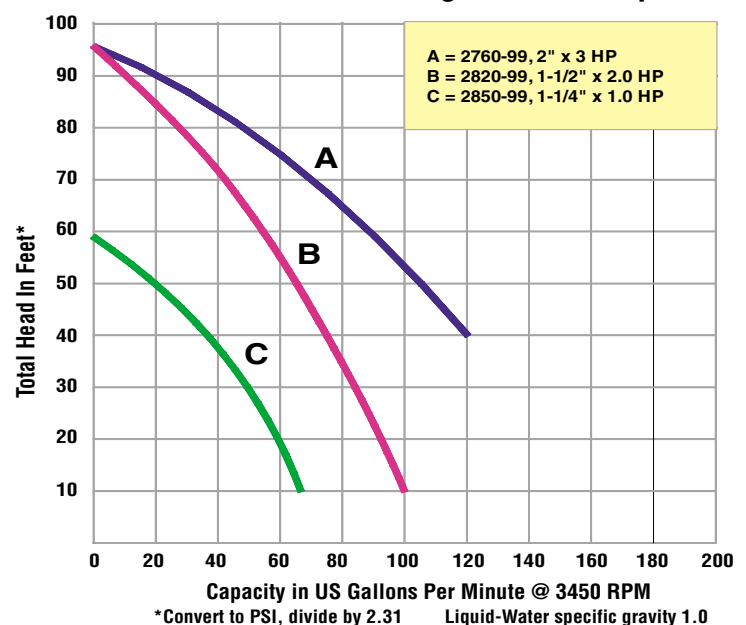
INDUSTRIAL DUTY

Model 2850-99

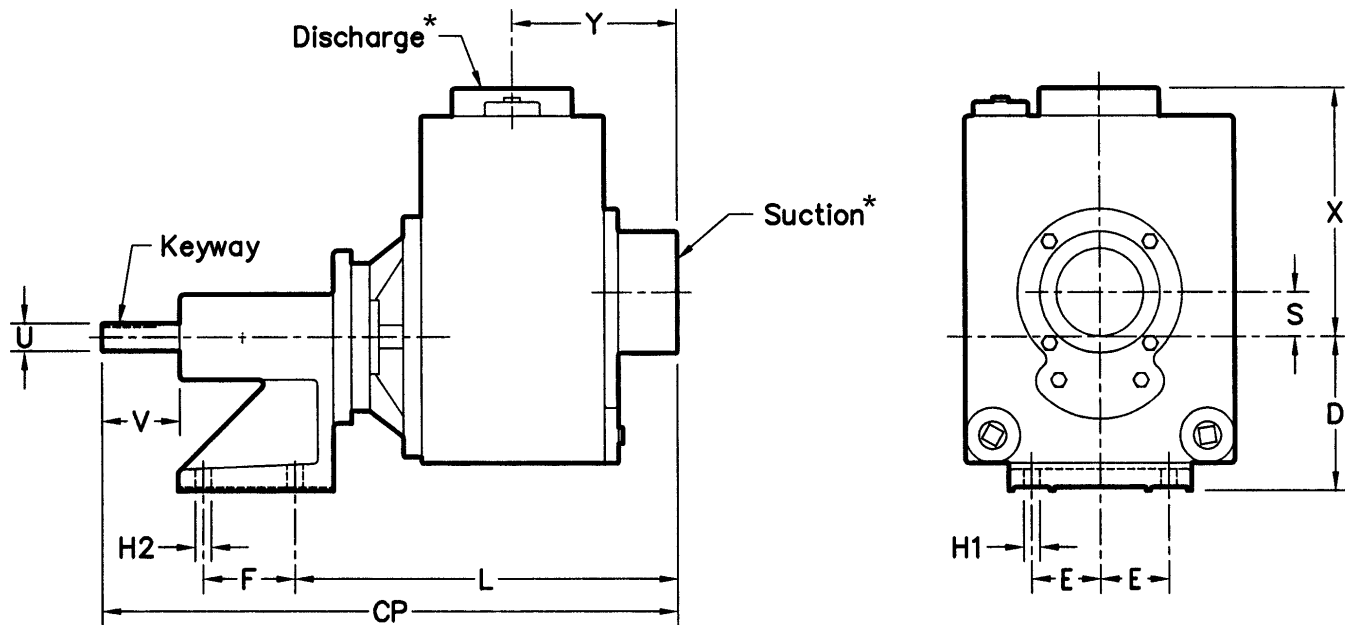


Model 2760-99

Performance of Self-Priming Pedestal Pumps



Self-Priming Centrifugal Pedestal Pumps



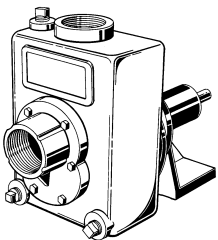
Pump Dimensional Data

Model No.	CURVE	SUC*	DIS*	CP	D	E	F	H1	H2	L	S	Dia.	U	V	X	Y	Keyway	Min. BHP Required @3450 RPM	Ship Wt.	Material
2850-99	C	1-1/4"	1-1/4"	11.8	3.2	1.7	N/A	0.7	0.5	8.5	2.4	5/8"	1.3	3.6	2.7	3/16" x 1"	1.0	23 Lbs.	C. Iron	
2820-99	B	1-1/2"	1-1/2"	11.1	4.5	2.2	N/A	0.7	0.5	7.1	0.4	5/8"	1.3	5.1	3.5	3/16" x 1"	2.0	32 Lbs.	C. Iron	
2820-98	B	1-1/2"	1-1/2"	11.1	4.2	1.8	2.5	0.4	0.4	9.1	0.4	3/4"	2.1	5.1	3.5	3/16" x 1-7/8"	2.0	32 Lbs.	S.S	
2760-99	A	2"	2"	15.7	4.1	1.8	2.5	0.4	0.4	10.4	1.2	3/4"	1.1	6.7	4.5	3/16" x 1-7/8"	3.0	48 Lbs.	C. Iron	
2761-99	A	2"	2"	15.7	4.2	1.8	2.5	0.4	0.4	10.4	1.2	3/4"	2.1	6.7	4.5	3/16" x 1-7/8"	3.0	48 Lbs.	S.S	

(*) Standard NPT (female) pipe thread.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

Standard Features



- Cast Iron & Stainless Steel Construction
- Mechanical Seal:
 - Standard Cast Iron Buna-N
 - Standard Stainless Steel Viton®
- Maximum Temperature
 - Buna-N 180° F
 - Viton® 200° F
- 1-1/4" to 2" NPT Suction/Discharge Ports
- Maximum Working Pressure 75 PSI
- Maximum 4000 RPM
- Solids Handling to 3/8" Diameter
- 1-1/2" & 2" Models Feature a Built-in Check Valve
- Self-priming up to 20 ft. @ 3450 RPM
- Dual Volute Design Reduces Radial Load on Motor



INDUSTRIAL DUTY

1" Self-Priming Stainless Steel Centrifugal Pumps

- **300 Series Investment Cast Stainless Steel Construction**
- **Viton® Mechanical Seal and O-Ring**
- **Handles Liquids and Chemicals with Specific Gravities up to 1.6**
- **1" NPT Suction and Discharge Ports**
- **Maximum Working Pressure 75 PSI**
- **Maximum Temperature 200° F**
- **Maximum Flow 66 GPM**
- **Maximum Head 68 ft.**
- **Self-priming to 6 ft.**
- **Self-cleaning, Semi-open Impeller**
- **Available with Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) Motor**
- **1/3 to 2 HP Single or Three Phase Motor**

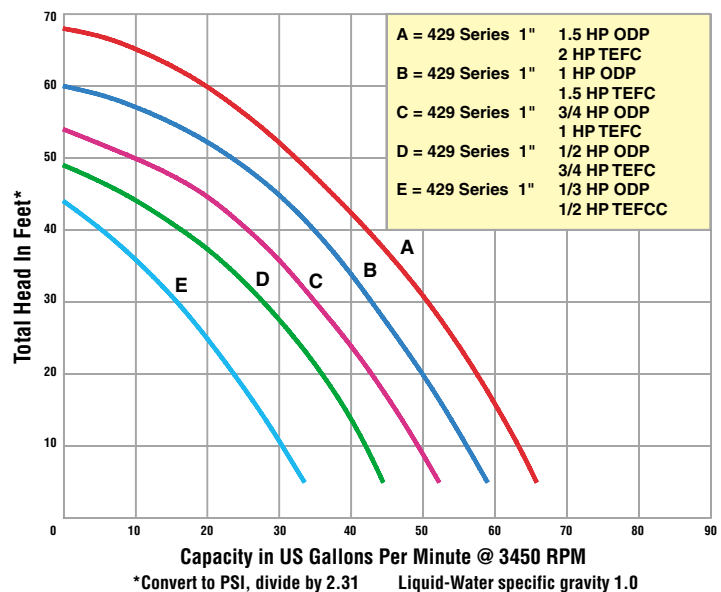
AMT 300 Series Investment cast Stainless Steel Transfer pumps are designed to handle liquids and chemicals with specific gravities to 1.6. The pumps are particularly well suited to applications involving perchloroethylene (PCE) and are recommended for use with non-flammable liquids. These pumps are fitted with Viton® mechanical seal and O-ring. Self-priming to 6 Ft.

AMT Stainless Steel Transfer pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

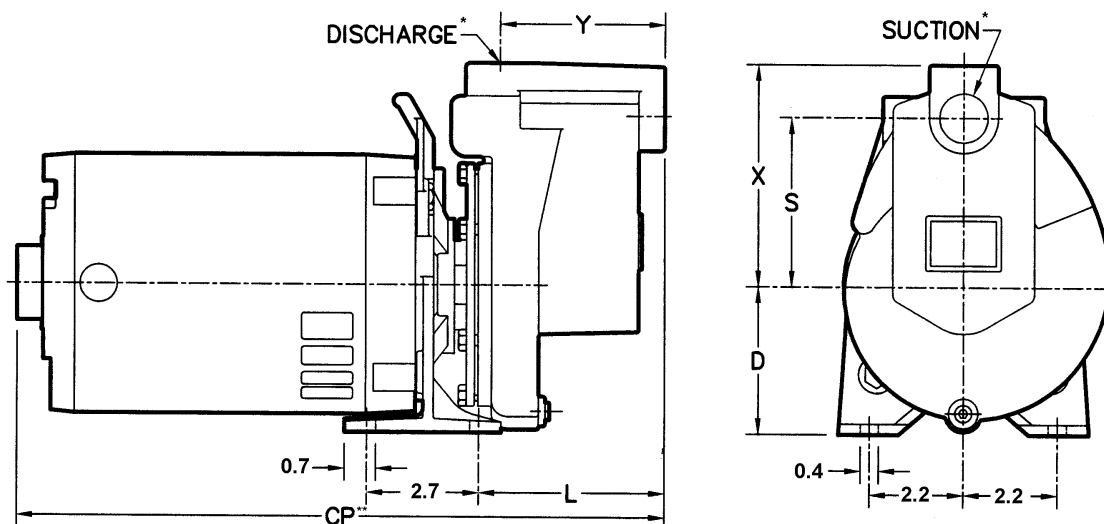


Model 429A-98

Performance of Stainless Steel Pumps



1" Self-Priming Stainless Steel Centrifugal Pump



Pump Dimensional & Specification Data

Model No.	CURVE	HP	PH	ENC	Voltage @ 60 Hz+	Full Load Amps	SUC*	DIS*	CP**	D	L	S	X	Y	Ship Wt.
4294-98	E	1/3	1	ODP	115/230	8 / 4	1"	1"	14.1	3.5	4.4	4.0	5.2	3.9	34 Lbs.
4295-98	D	1/2	1	ODP	115/230	10 / 5	1"	1"	14.1	3.5	4.4	4.0	5.2	3.9	38 Lbs.
4296-98	C	3/4	1	ODP	115/230	13 / 7	1"	1"	14.6	3.5	4.4	4.0	5.2	3.9	39 Lbs.
4297-98	B	1	1	ODP	115/230	17 / 9	1"	1"	15.1	3.5	4.4	4.0	5.2	3.9	42 Lbs.
4298-98	A	1-1/2	1	ODP	115/230	22 / 11	1"	1"	15.4	3.5	4.4	4.0	5.2	3.9	45 Lbs.
429F-98	D	1/2	3	ODP	230/460	4 / 2	1"	1"	14.6	3.5	4.4	4.0	5.2	3.9	35 Lbs.
429G-98	C	3/4	3	ODP	230/460	4 / 2	1"	1"	14.8	3.5	4.4	4.0	5.2	3.9	36 Lbs.
429H-98	B	1	3	ODP	230/460	5 / 3	1"	1"	15.2	3.5	4.4	4.0	5.2	3.9	39 Lbs.
429J-98	A	1-1/2	3	ODP	230/460	7 / 4	1"	1"	15.7	3.5	4.4	4.0	5.2	3.9	45 Lbs.
429A-98	E	1/2	1	TEFC	115/230	9 / 5	1"	1"	15.5	3.5	4.4	4.0	5.2	3.9	41 Lbs.
429B-98	D	3/4	1	TEFC	115/230	9 / 5	1"	1"	16.0	3.5	4.4	4.0	5.2	3.9	43 Lbs.
429C-98	C	1	1	TEFC	115/230	12 / 6	1"	1"	16.4	3.5	4.4	4.0	5.2	3.9	46 Lbs.
429D-98	B	1-1/2	1	TEFC	115/230	18 / 9	1"	1"	17.3	3.5	4.4	4.0	5.2	3.9	54 Lbs.
429E-98	A	2	1	TEFC	115/230	22 / 11	1"	1"	17.6	3.5	4.4	4.0	5.2	3.9	65 Lbs.
429K-98	D	3/4	3	TEFC	230/460	3 / 2	1"	1"	15.4	3.5	4.4	4.0	5.2	3.9	40 Lbs.
429L-98	C	1	3	TEFC	230/460	4 / 2	1"	1"	16.0	3.5	4.4	4.0	5.2	3.9	43 Lbs.
429M-98	B	1-1/2	3	TEFC	230/460	5 / 3	1"	1"	16.4	3.5	4.4	4.0	5.2	3.9	51 Lbs.
429N-98	A	2	3	TEFC	230/460	6 / 3	1"	1"	16.5	3.5	4.4	4.0	5.2	3.9	62 Lbs.

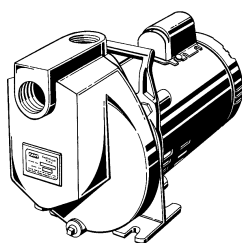
(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps and Service Factor, RPM and Priming Capabilities).

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).



Standard Features

- 300 Series Investment Cast Stainless Steel Construction
- Viton® Mechanical Seal and O-Ring
- ODP & TEFC Single and Three Phase Motors
- Self-cleaning, Semi-open Impeller
- Maximum Working Pressure 75 PSI
- Maximum Temperature 200° F
- "Off-the-Shelf" Availability for Many Models

ots
OFF THE SHELF
PUMPS

See price book page 23

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

CP63-64/0706



1-1/2" Self-Priming Centrifugal Pumps

- Available in: **Bronze or 300 Series Investment Cast Stainless Steel Construction with 300 Series Stainless Steel Impeller**
- **Viton® or Teflon® Mechanical Seal and O-Ring**
- **1-1/2" NPT Suction & Discharge Ports**
- **Maximum Working Pressure 75 PSI**
- **Maximum Temperature**

Bronze	200° F
Stainless Steel	250° F
- **Maximum Flow 132 GPM**
- **Maximum Head 63 Ft.**
- **Self-priming to 6 Ft.**
- **Self-cleaning, Semi-open Impellers**
- **Totally Enclosed Fan Cooled (TEFC) Motors**
- **3/4 to 2 HP Single or Three Phase Motors**

AMT Self-Priming 300 Series Stainless Steel or Bronze Centrifugal pumps are designed for a wide range of applications including chemical processes, waste water treatment and pumping agriculture fertilizers/fumigants. All models are equipped with Totally Enclosed Fan Cooled (TEFC) motors. 300 Series Stainless Steel models are fitted with Teflon® mechanical seal and O-ring, while Bronze models come standard with Viton® mechanical seal and O-ring. Pumps are self-priming to 6 ft. All pumps are designed to handle viscosities to 100 SSU and select models handle specific gravities to 1.3.

AMT Self-Priming 300 Stainless Steel or Bronze Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

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INDUSTRIAL DUTY

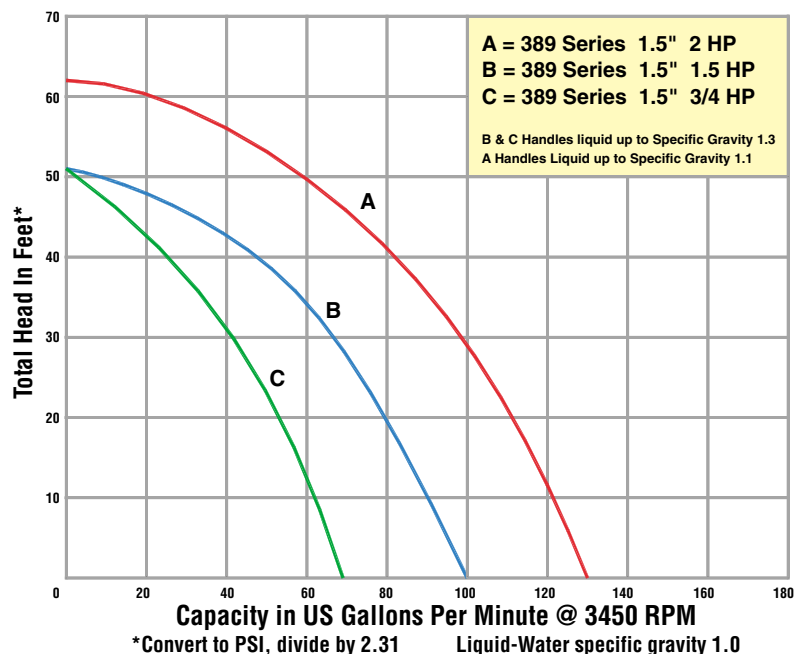


**Model 3890-98
Stainless Steel**

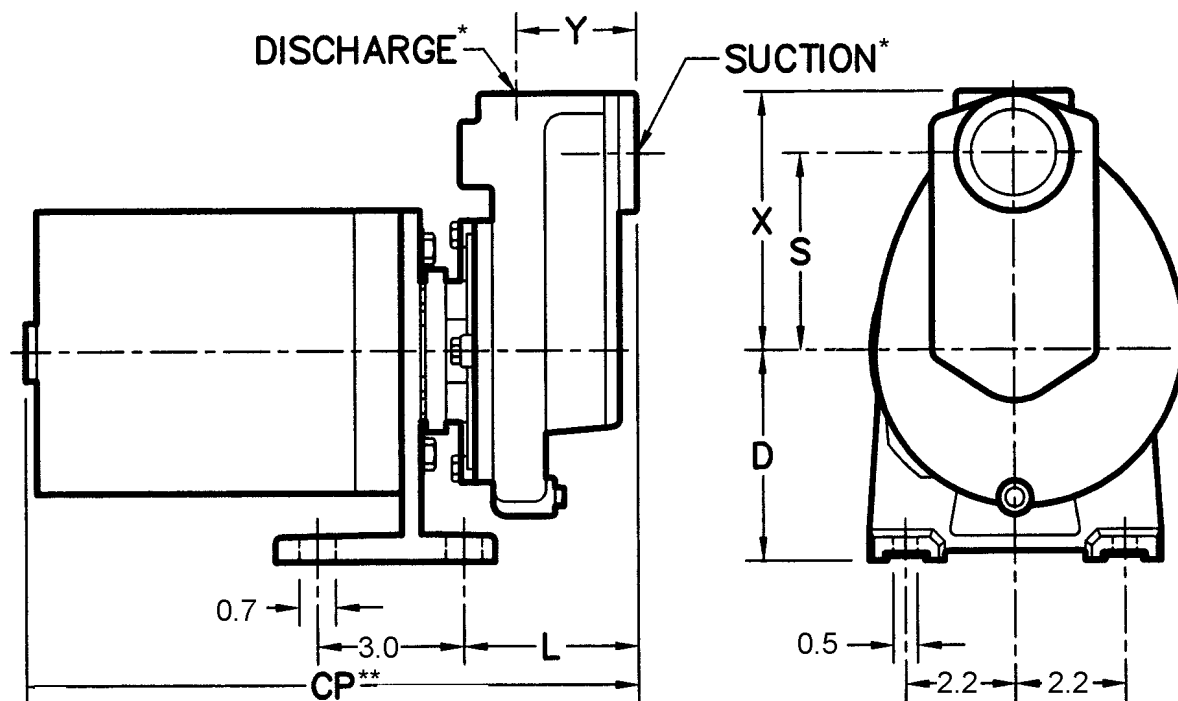


**Model 3890-97
Bronze**

Performance of Centrifugal Pumps



1-1/2" Self-Priming Stainless Steel or Bronze Pumps



Pump Dimensional & Specification Data

Model No. ‡	CURVE	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	SUC*	DIS*	CP**	D	L	S	X	Y	‡ (-97) Bronze Ship Wt.	‡ (-98) S. Steel Ship Wt.
3890	C	3/4	1	TEFC	115/230	9 / 5	1-1/2"	1-1/2"	15.1	4.2	4.5	4.0	5.2	3.9	45 Lbs.	43 Lbs.
3891	B	1-1/2	1	TEFC	115/230	18 / 9	1-1/2"	1-1/2"	16.6	4.2	4.5	4.0	5.2	3.9	56 Lbs.	53 Lbs.
3892	C	3/4	3	TEFC	230/460	3 / 2	1-1/2"	1-1/2"	14.5	4.2	4.5	4.0	5.2	3.9	41 Lbs.	40 Lbs.
3893	B	1-1/2	3	TEFC	230/460	5 / 3	1-1/2"	1-1/2"	15.6	4.2	4.5	4.0	5.2	3.9	48 Lbs.	47 Lbs.
3894	A	2	3	TEFC	230/460	6 / 3	1-1/2"	1-1/2"	15.6	4.2	4.5	4.0	5.2	3.9	51 Lbs.	50 Lbs.
3899	A	2	-	PED	-	-	1-1/2"	1-1/2"	12.4	4.2	5.2	4.0	5.2	3.9	34 Lbs.	30 Lbs.

(*) Standard NPT (female) pipe thread.

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

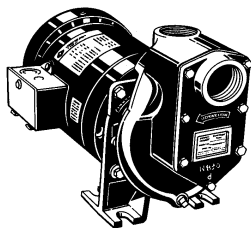
(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps and Service Factor, RPM and Priming Capabilities).

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

‡ : Add suffix -97 or -98 for specific model (ex: 3890-97)

Standard Features



- Bronze or Stainless Steel Construction with Stainless Steel Impeller
- Viton® or Teflon® Mechanical Seal and O-Ring
- 1-1/2" NPT Suction & Discharge Ports
- Maximum Temperature:
 - Bronze 200° F
 - Stainless Steel 250° F
- Self-priming to 6 ft.
- Self-cleaning, Semi-open Impeller
- Pedestal Models Feature Epoxy Coated Bearing Housing with 3/4" Diameter Stainless Steel Shaft with 3/16" Keyway and Sealed Ball Bearings
- Totally Enclosed Fan Cooled (TEFC) Motors
- 3/4 to 2 HP Single or Three Phase Motors
- "Off-the-Shelf" Availability on Many Models

ots
OFF THE SHELF
PUMPS

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See price book page 24

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

CP65-66/0706



Sprinkler/Booster Pumps

- **Cast Iron Construction with 300 Series Investment Cast Stainless Steel Impellers**
- **Buna-N Mechanical Seal and O-Ring**
- **Optional Viton® Seal, Flapper Valve and O-Ring Available on Single Stage Models**
- **1-1/2" or 2" NPT Port Sizes**
- **Maximum Working Pressure 150 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 157 GPM**
- **Maximum Head 180 Ft.**
- **Self-priming to 20 Ft.**
- **Single or Two-Stage Construction**
- **Single Stage Models Feature Removable Dual Volute Design**
- **3/4 to 7-1/2 HP Single or Three Phase Motors**
- **ODP or TEFC Motors (See Specification Section for Specific Model Availability)**

AMT Sprinkler/Booster pumps feature **300 Series Investment Cast Stainless Steel** closed impellers for high efficiency and resistance against erosion caused by abrasive particles. All models self-prime to 20 ft. Single stage models feature dual volute design to reduce radial load on motor and a built-in check valve to insure fast priming after initial liquid is added to the pump. Cast iron construction provides durability and low maintenance. Easy cleanout design includes replaceable dual volute/diffuser and casing o-ring for servicing. Two-stage models provide additional pressure in fractional horsepower sizes for multi-sprinkler head applications. Type 21 mechanical seals handle maximum working pressure to 150 PSI. Pumps are available from 3/4 to 7-1/2 HP with Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) motors. (See Dimensional chart for specific model availability).

AMT Sprinkler/Booster pumps are readily available **"Off-the-Shelf"** for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

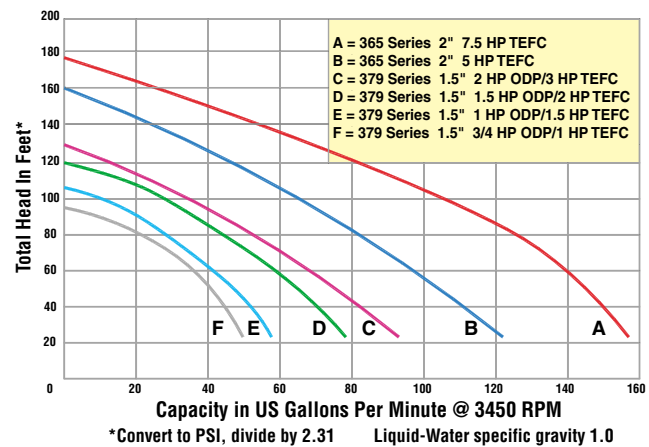
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INDUSTRIAL DUTY

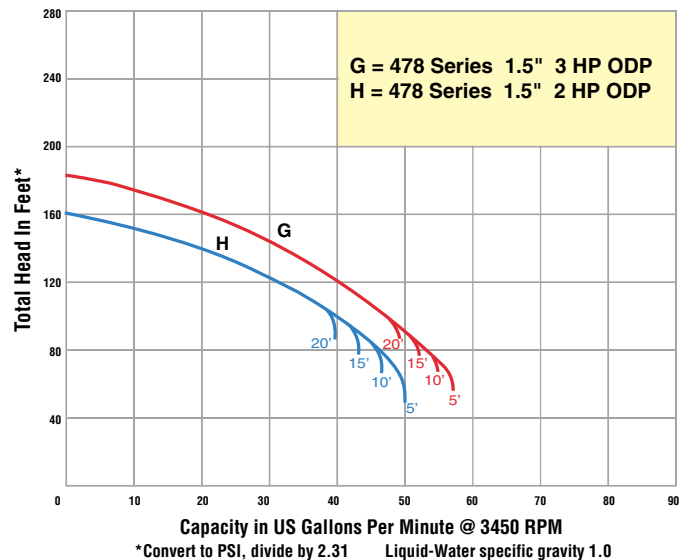


Model 3790-95

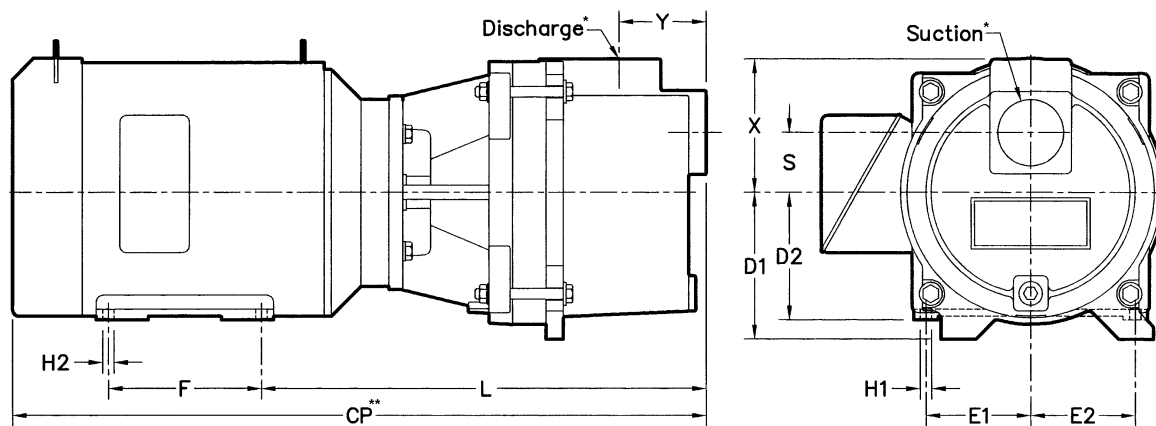
Performance of Single Stage Sprinkler/Booster Pumps



Performance of Two Stage Sprinkler/Booster Pumps



1-1/2" & 2" Sprinkler/Booster Pumps



Pump Dimensional & Specification Data

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	SUC*	DIS*	CP**	D1	D2	E1	E2	F	H1	H2	L	S	X	Y	Ship Wt.
3790-95	F	3/4	1	ODP	115/230	13/7	1-1/2"	1-1/2"	16.6	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	59 Lbs.
3791-95	E	1	1	ODP	115/230	17/9	1-1/2"	1-1/2"	17.0	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	64 Lbs.
379A-95	F	1	1	TEFC	115/230	12/6	1-1/2"	1-1/2"	18.4	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	67 Lbs.
379F-95	F	1	3	TEFC	230/460	4/2	1-1/2"	1-1/2"	18.0	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	65 Lbs.
3792-95	D	1-1/2	1	ODP	115/230	22/11	1-1/2"	1-1/2"	17.4	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	66 Lbs.
379B-95	E	1-1/2	1	TEFC	115/230	18/9	1-1/2"	1-1/2"	19.2	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	74 Lbs.
379J-95	E	1-1/2	3	TEFC	230/460	5/3	1-1/2"	1-1/2"	18.4	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	72 Lbs.
3793-95	C	2	1	ODP	115/230	28/14	1-1/2"	1-1/2"	18.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	72 Lbs.
379C-95	D	2	1	TEFC	115/230	22/11	1-1/2"	1-1/2"	19.6	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	80 Lbs.
379E-95	D	2	3	TEFC	230/460	6/3	1-1/2"	1-1/2"	18.5	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	78 Lbs.
379D-95	C	3	1	TEFC	230	16	1-1/2"	1-1/2"	20.5	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	88 Lbs.
379L-95	C	3	3	TEFC	230/460	8/4	1-1/2"	1-1/2"	20.0	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.2	2.1	4.7	3.9	81 Lbs.
4780-95	H	2	1	ODP	115/230	28/14	1-1/2"	1-1/2"	19.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	83 Lbs.
4785-95	H	2	3	ODP	230/460	7/4	1-1/2"	1-1/2"	19.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	77 Lbs.
4782-95	G	3	1	ODP	230	18	1-1/2"	1-1/2"	20.1	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	91 Lbs.
4786-95	G	3	3	ODP	230/460	9/5	1-1/2"	1-1/2"	19.9	4.4	N/A	2.2	2.2	2.9	0.5	0.7	6.6	2.1	4.7	3.1	86 Lbs.
3657-95	B	5	1	TEFC	230	20	2"	2"	27.4	5.2	4.5	3.7	3.7	5.5	0.4	0.4	15.9	2.1	4.7	3.1	146 Lbs.
3655-95	B	5	3	TEFC	230/460	17/9	2"	2"	27.9	5.2	4.5	3.7	3.7	5.5	0.4	0.4	15.9	2.1	4.7	3.1	130 Lbs.
3656-95	A	7-1/2	3	TEFC	230/460	22/11	2"	2"	21.8	5.2	4.5	3.7	3.7	5.5	0.4	0.4	15.9	2.1	4.7	3.1	134 Lbs.

(*) Standard NPT (female) pipe thread.

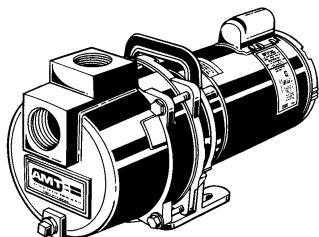
(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps and Service Factor, RPM and Priming Capabilities).

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

Standard Features



- Cast Iron Construction with 300 Series Investment Cast Stainless Steel Impellers
- Buna-N Mechanical Seal and O-Ring
- ODP & TEFC Motors Available on 1-1/2" NPT Single-stage Models
- Removable/Replaceable Volute/Diffuser
- Single Stage Models Feature Removable Dual Volute Design
- Self-priming to 20 ft.
- Maximum Working Pressure to 150 PSI
- Maximum Temperature 180° F
- **"Off-the-Shelf"** Availability on Many Models

ots
OFF THE SHELF
PUMPS

See price book page 25

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

CP67-68/0706



INDUSTRIAL DUTY

Cast Iron Sewage & Trash Pumps

- **Cast Iron Construction**
- **Silicon Carbide/Viton Mechanical Seal**
- **2", 3" & 4" NPT Port Sizes**
- **Self-Priming up to 20 ft.**
- **Maximum Temperature 180° F**
- **Maximum Working Pressure 150 PSI**
- **Stainless Steel Semi-open, Clog Resistant Impeller**
- **Buna-N Check Valve & O-Ring**
- **Removable Cast Iron Volute/Wearplate**
- **Easy Cleanout Design**
- **Pull-from-Rear Design**
- **3" & 4" Models Feature Front Cleanout**
- **Available with 3 to 15 HP Totally Enclosed Fan Cooled (TEFC) Electric Motors**
- **Single and Three Phase, 3450 RPM Motors**
- **Seal Flush Port Provided on 5 HP and Larger**
- **Optional Mounting Base Available**



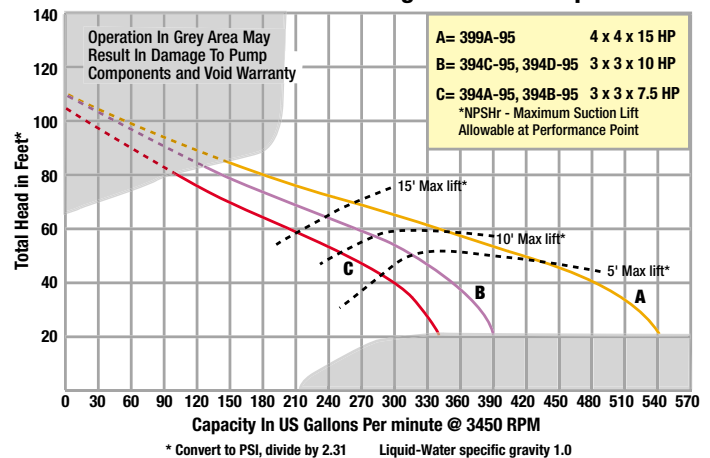
Cast Iron Sewage & Trash Pump

AMT Cast Iron Sewage/Trash pumps are designed for trouble free and economical handling of solids laden liquids and slurries. Pumps are available in three NPT port sizes; 2", 3" and 4". Cast iron construction with 2 vane Stainless Steel self-cleaning impellers, Silicon Carbide mechanical seals for abrasion resistance and Buna-N O-rings and check valves. Built-in check valve allows pump to reprime automatically in an open system, without a foot valve. The solids handling capabilities of the pumps make them ideally suited for a variety of industrial applications including: sewage treatment, canneries, chemical processing, wineries, tanneries, meat packing, breweries, pulp, wood chips, process water, sludge and slime, waste water, white water and other applications.

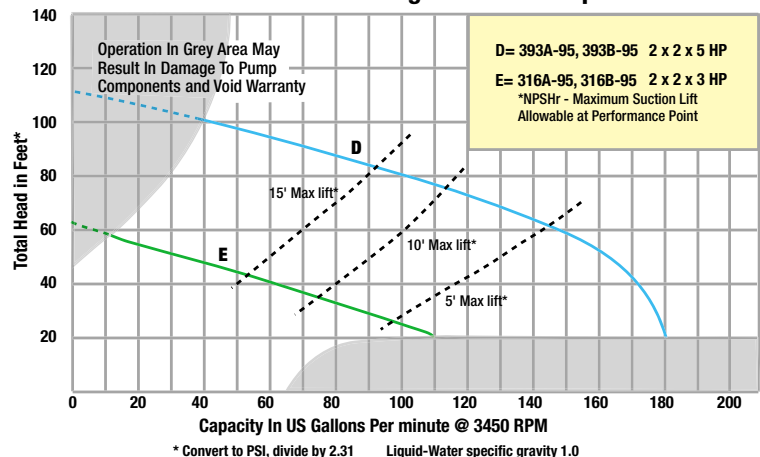
AMT Sewage/Trash pumps will easily handle liquids containing sewage, stone, sticks, mud, and other solids. Minimum liquid requirement must be above 85%. Failure to do so may damage pump and void warranty. These pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Maximum 15% Solids

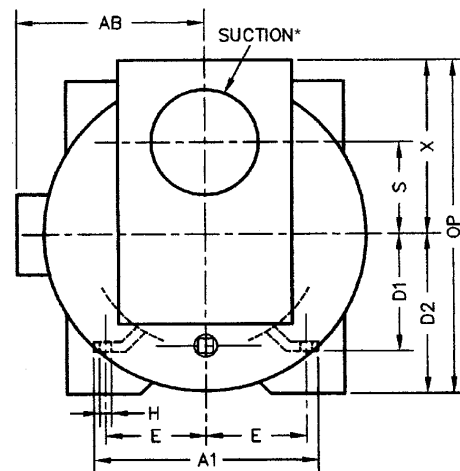
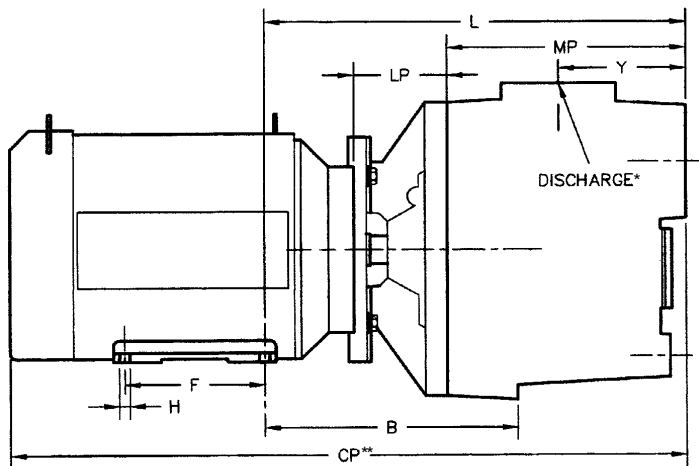
Performance of Sewage & Trash Pump



Performance of Sewage & Trash Pump



Cast Iron Sewage & Trash Pumps



Pump Dimensional Chart

Model No.	HP	SUC*	DIS*	CP**	A1	Width	AB	B	D1	D2	E	F	H	L	LP	MP	OP	S	X	Y	Ship Wt.
316A-95	3	2"	2"	21.0	6.5	9.0	5.0	N/A	3.5	N/A	2.4	3.0	0.88 x 0.34	11.0	2.3	6.1	8.2	2.1	4.7	3.1	87 lbs.
316B-95	3	2"	2"	21.0	6.5	9.0	5.0	N/A	3.5	N/A	2.4	3.0	0.88 x 0.34	11.0	2.3	6.1	8.2	2.1	4.7	3.1	94 lbs.
393A-95	5	2"	2"	25.0	6.4	13.5	8.6	9.7	4.5	5.2	3.7	5.5	0.4	14.8	4.4	6.9	10.	2.1	4.7	3.1	146 lbs.
393B-95	5	2"	2"	25.0	6.4	13.5	8.6	9.7	4.5	5.2	3.7	5.5	0.4	14.8	4.4	6.9	10.	2.1	4.7	3.1	170 lbs.
394A-95	7.5	3"	3"	26.5	6.4	15.5	9.4	10.0	4.5	5.7	3.7	5.5	0.4	16.5	3.7	9.3	12.4	3.5	6.6	5.0	200 lbs.
394B-95	7.5	3"	3"	31.0	9.5	15.5	9.4	10.8	5.2	5.7	4.2	7.0	0.4	17.4	3.7	9.3	12.4	3.5	6.6	5.0	255 lbs.
394C-95	10	3"	3"	31.0	9.5	15.5	9.5	10.8	5.2	5.7	4.2	7.0	0.4	17.4	3.7	9.3	12.4	3.5	6.6	5.0	215 lbs.
394D-95	10	3"	3"	31.0	9.5	15.5	9.5	10.8	5.2	5.7	4.2	7.0	0.4	17.4	3.7	9.3	12.4	3.5	6.6	5.0	285 lbs.
399A-95	15	4"	4"	32.0	9.5	15.5	9.5	11.2	5.2	6.1	4.2	7.0	0.4	18.5	3.7	10.3	14.3	3.5	8.1	6.6	287 lbs.

Pump Specification Chart

Model No.	Curve	HP	PH	ENC	Frame	Voltage @ 60 Hz+	Full Load Amps	Max Solids
316A-95	E	3	3	TEFC	56J	230/460	8/4	1"
316B-95	E	3	1	TEFC	56J	230	16	1"
393A-95	D	5	3	TEFC	184JM	230/460	17/9	1"
393B-95	D	5	1	TEFC	184JM	230	20	1"
394A-95	C	7-1/2	3	TEFC	184JM	230/460	22/11	1-1/2"
394B-95	C	7-1/2	1	TEFC	215JM	230	31	1-1/2"
394C-95	B	10	3	TEFC	215JM	230/460	26/13	1-1/2"
394D-95	B	10	1	TEFC	215JM	230	40	1-1/2"
399A-95	A	15	3	TEFC	215JM	230/460	47/24	2"

(*) Standard NPT (female) pipe thread.

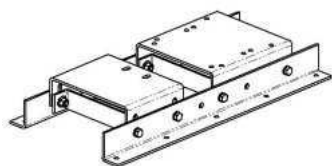
(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase motors can operate on 50 Hz. (This will change Full Load Amps, Service Factor, RPM and Priming Capabilities)

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

Standard Features



**Optional Mounting Base
Model # A200-90**

- Cast Iron Construction for Abrasive Resistance and Durability
- Self-cleaning Stainless Steel Impellers Resist Clogging and Wear
- Pull-from-Rear Design Permits Clean Out and Repair Without Removing Piping
- Silicon Carbide/Viton Mechanical Seal
- Built in Buna-N Check Valve
- Buna-N O-Ring Casing Seal Reusable After Clean Out Maintenance
- Replaceable Cast Iron Volute/Wearplate Designed for Solids Handling
- Motor Includes Stainless Steel Shaft or Stainless Steel Shaft Sleeve
- 3" & 4" Models Feature Front Cleanout
- Available with 3 to 15 HP Totally Enclosed Fan Cooled (TEFC) Electric Motors
- Single and Three Phase, 3450 RPM Motors
- Optional Mounting Base Available for 184/215 JM Frames (Reference pgs. 41-42)



1-1/2" Bronze Self-Priming Spa/Pool Pumps

- **U.L. Listing 1081**
- **Bronze Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **1-1/2" NPSC (Straight Thread) Suction, 1-1/2" NPT (Tapered Thread) Discharge Port**
- **Maximum Working Pressure 75 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 130 GPM**
- **Maximum Head 62 Ft.**
- **Self-priming to 6 Ft. with 4530-99 (Optional) Strainer Basket**
- **Self-cleaning Bronze Impellers**
- **1/2 to 2 HP Open Drip Proof (ODP) Single Phase Motors**
- **Optional ABS Strainer Basket**

AMT Bronze Self-priming Centrifugal pumps are designed for use with swimming pools, hot tubs and spas. All models are U.L. Listed 1081. When used with Model 4530-99, ABS Strainer Basket, pumps will self-prime to 6 ft. NOTE: Strainer Baskets must be ordered separately. All models are fitted with self-cleaning bronze impellers. Units feature pull-from-rear design for easy servicing without removing piping.

AMT Bronze Self-priming Centrifugal pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials.

INDUSTRIAL DUTY

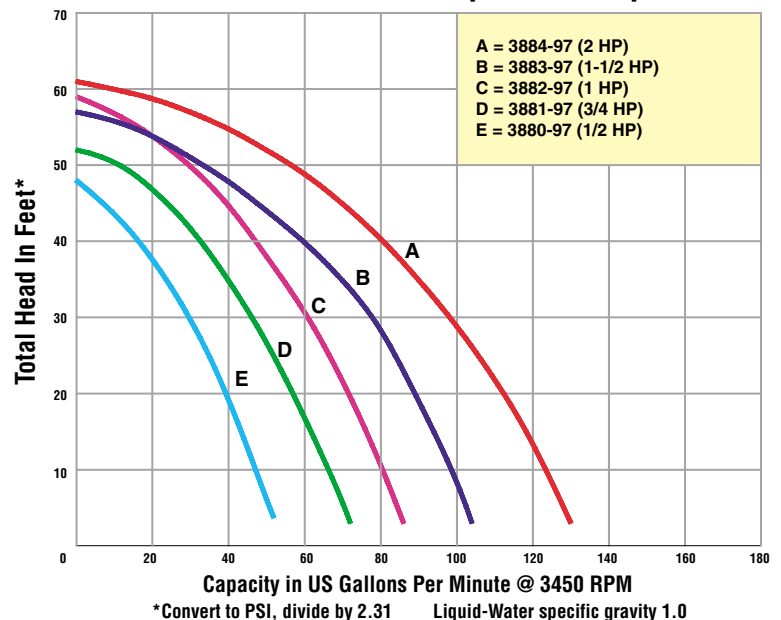


Model 3880-97

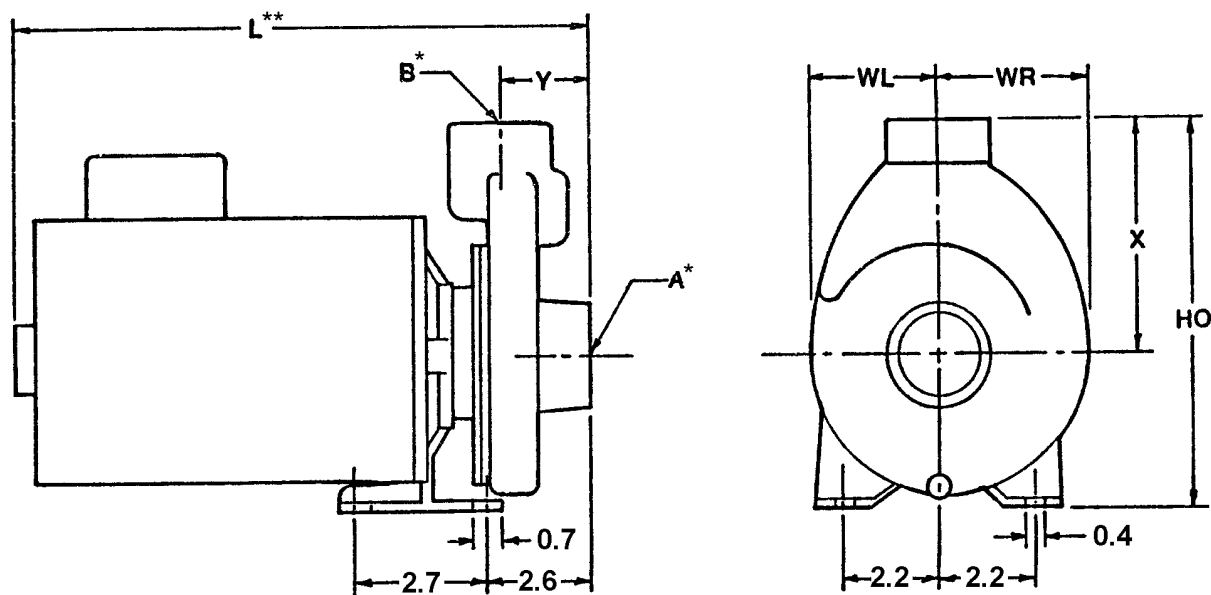


**Model 4530-99
Optional Basket Strainer**

Performance of Bronze Spa/Pool Pumps



1-1/2" Bronze Self-Priming Spa / Pool Pumps



Pump Dimensional & Specification Data

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	A*	B*	HO	L**	WR	WL	X	Y	Ship Wt.
3880-97	E	1/2	1	ODP	115/230	10 / 5	1-1/2"	1-1/2"	8.7	10.5	3.0	3.5	5.2	2.1	26 Lbs.
3881-97	D	3/4	1	ODP	115/230	13 / 7	1-1/2"	1-1/2"	8.7	10.8	3.0	3.5	5.2	2.1	29 Lbs.
3882-97	C	1	1	ODP	115/230	17 / 9	1-1/2"	1-1/2"	8.7	11.6	3.0	3.5	5.2	2.1	35 Lbs.
3883-97	B	1-1/2	1	ODP	115/230	22 / 11	1-1/2"	1-1/2"	8.7	12.1	3.0	3.5	5.2	2.1	36 Lbs.
3884-97	A	2	1	ODP	115/230	28 / 14	1-1/2"	1-1/2"	8.7	13.8	3.0	3.5	5.2	2.1	45 Lbs.

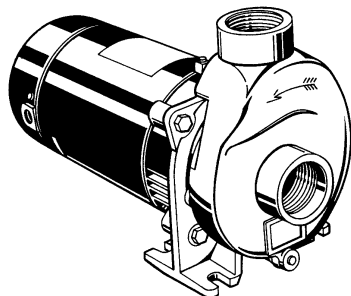
(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

Standard Features



- U.L. Listing 1081
- Bronze Construction
- Buna-N Mechanical Seal and O-Ring
- 1-1/2" NPSC (Straight Thread) Suction, 1-1/2" NPT (Tapered Thread) Discharge Ports
- Maximum Working Pressure 75 PSI
- Maximum Temperature 180° F
- Maximum Head 62 ft.
- Self-priming to 6 ft. with **4530-99 (Optional) Strainer Basket**
- Self-cleaning Bronze Impellers
- 1/2 to 2 HP Open Drip Proof (ODP) Single Phase Motors
- Pull-From-Rear Design for Easy Servicing Without Removing Piping

Standard Features

- ABS Body and Basket with Clear Lexan Lid
- 1-1/2" NPT Suction Port
- 1-1/2" NPSC Connection Port with O-Ring Seal
- Built-in Flapper/Check Valve
- Teflon® Coated O-Ring for Easy Lid Removal



Model 4530-99



Bronze Marine Pumps

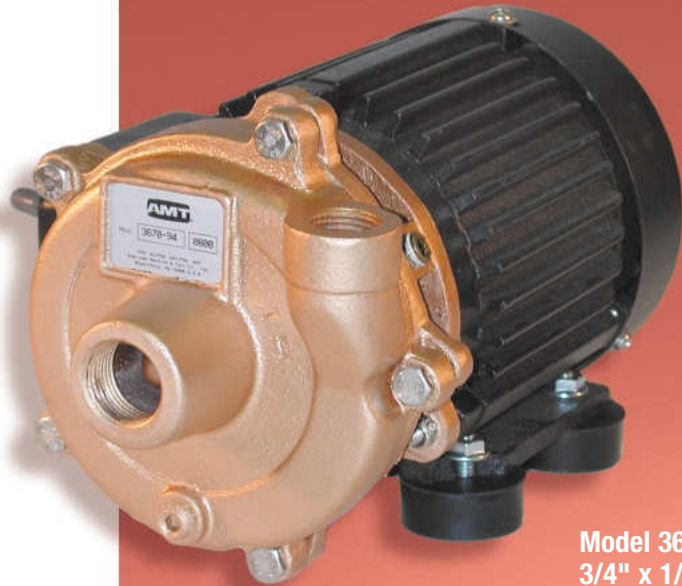
- **Bronze Construction**
- **Buna-N Mechanical Seals and O-Ring**
- **Maximum Working Pressure 50 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 17 GPM**
- **Maximum Head 12 Ft.**
- **Self-cleaning, Semi-open Impellers**
- **Totally Enclosed Motors**
- **12V DC or 115V AC Motors**

The AMT Model 3670-94 Naval Bronze Straight Centrifugal pump is designed for low pressure salt water wash down and recirculating applications. The pump has been sized for salt water (1.03 specific gravity) and features provisions for the installation of a seal wash, front drain plug and pull-from-rear design. The unit features Buna-N O-ring casing seal and Buna-N mechanical shaft seal. The unit is driven by a 1/8 HP capacitor start induction motor (TEFC) with ball bearings and a **Stainless Steel** shaft. On/off switch and line cord are standard.

The AMT Model 4860-97 Bronze Centrifugal pump is compact and designed for use in general dewatering, salt water applications including live well tanks, circulation and chemical transfer. Buna-N O-ring casing seal, Buna-N mechanical shaft seal is standard. Model 4860-97 is fitted with a 1/8 HP, 12V DC, 3700 RPM motor. (Self priming model available, see page 45).

AMT Bronze Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available **"Off-the-Shelf"** for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

INDUSTRIAL DUTY

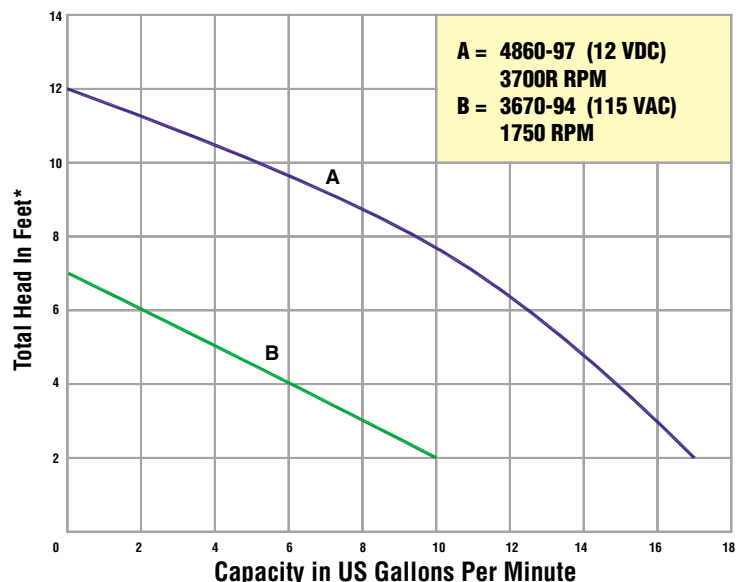


Model 3670-94
3/4" x 1/2"



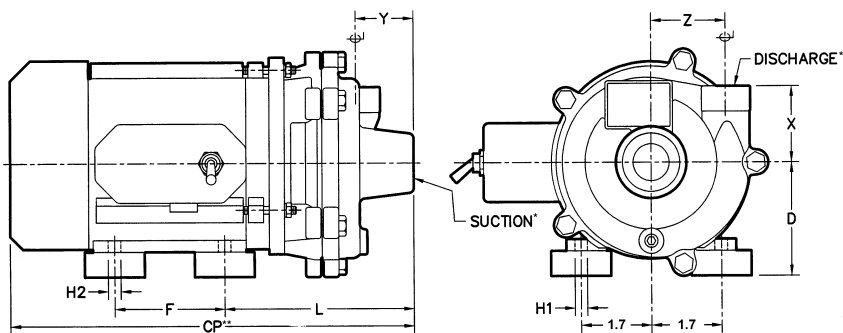
Model 4860-97
3/4" x 3/4"

Performance of Bronze Marine Pumps

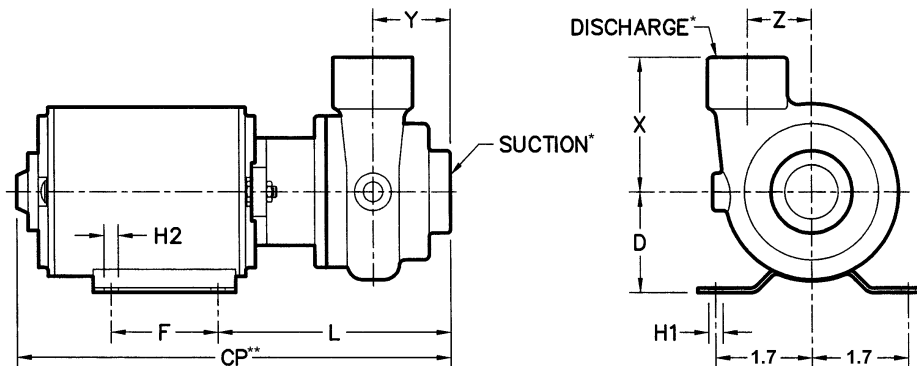


Bronze Marine Pumps

Model 3670-94



Model 4860-97



Pump Dimensional & Specification Data

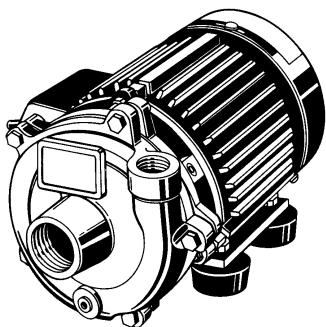
Model No.	CURVE	HP	PH	RPM	ENC	Voltage	Full Load Amps	SUC*	DIS*	CP**	D	F	H1	H2	L	X	Y	Z	Ship Wt.
3670-94	B	1/8	1	1750	TEFC	115V AC@ 60Hz	11	3/4"	3/4"	10.1	2.8	2.7	0.3	0.3	4.7	1.9	1.4	1.9	20 Lbs.
4860-97	A	1/8	-	3700	TENV	12.8V DC	9	3/4"	3/4"	7.6	1.7	1.9	0.2	0.2	4.1	2.3	1.3	1.1	7 Lbs.

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

Standard Features



- Bronze Construction
- Buna-N Mechanical Seals and O-Ring
- Maximum Working Pressure 50 PSI
- Maximum Temperature 180° F
- Maximum Flow 17 GPM
- Maximum Head 12 Ft.
- Self-cleaning, Semi-open Impellers
- Totally Enclosed Motors
- 12V DC or 115V AC Motors
- **"Off-the-Shelf"** Availability on Many Models



INDUSTRIAL DUTY

General Purpose Laundry Tray Pump

- **Cast Aluminum Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **1-1/4" NPT Suction and Discharge Port**
- **Maximum Working Pressure 50 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 24 GPM**
- **Maximum Head 11 Ft. (5.2 PSI)**
- **Self-cleaning, Semi-open Impeller**
- **1725 RPM, 1/4 HP 115VAC Single Phase
Open Drip Proof (ODP) 48Z Frame Motor**

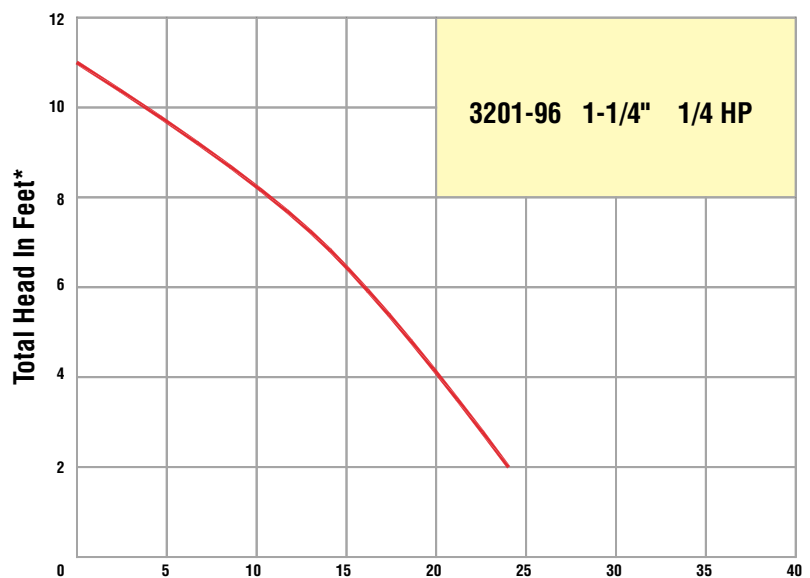


Model 3201-96

The AMT Laundry Tray pump is a single stage, multi-vane open impeller unit. It is designed as a "laundry tray" pump but can be used for most gravity fed general service pumping applications. The open impeller design makes it particularly adaptable to dirty as well as clean liquids and is inherently resistant to clogging. The pump is constructed of cast aluminum and features 1-1/4" NPT suction and discharge ports. Each unit is equipped with a Buna-N mechanical shaft seal and O-ring casing seal to prevent leakage. Pump is powered by a 1725 RPM, 115VAC, 1/4 HP motor. This model is capable of generating up to 11 ft. of head (5.2 PSI) and up to 24 gallons per minute.

The AMT Laundry Tray pump is readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Performance of Laundry Tray Pump

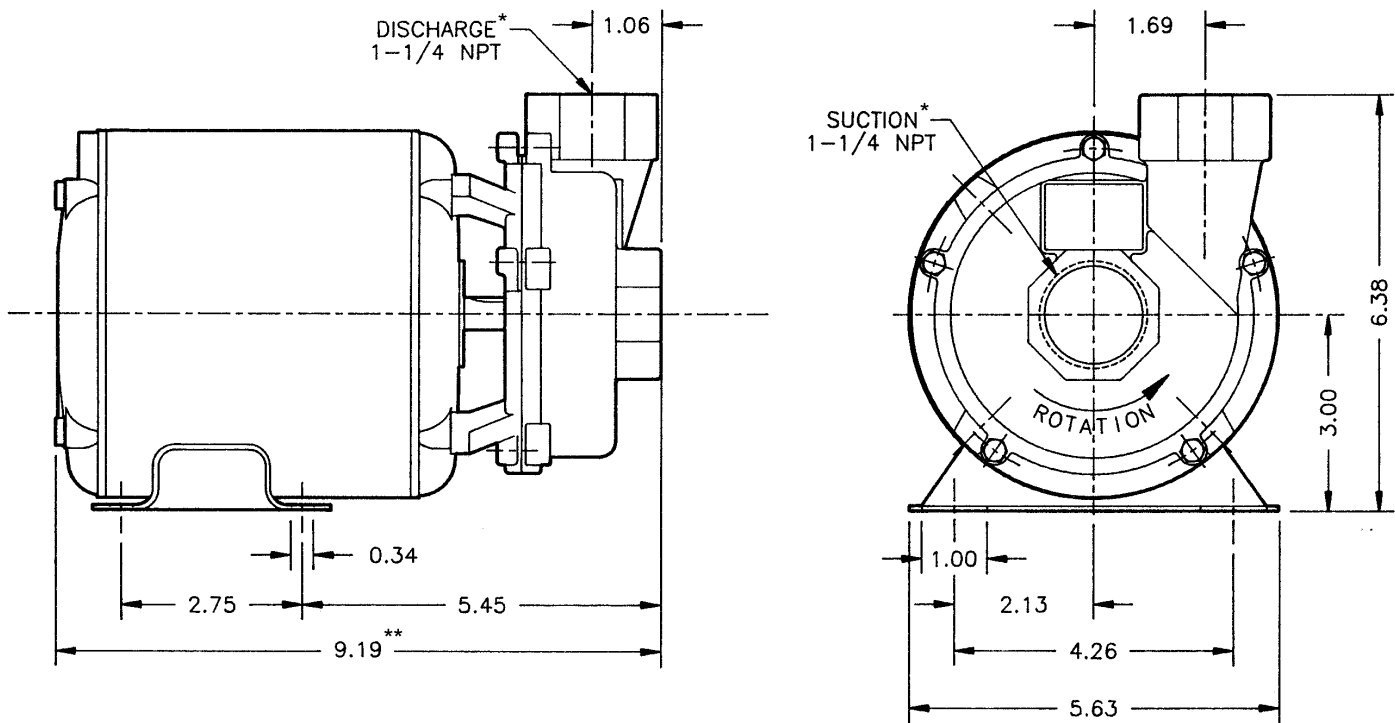


Capacity in US Gallons Per Minute @ 1725 RPM

*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

General Purpose Laundry Tray Pump



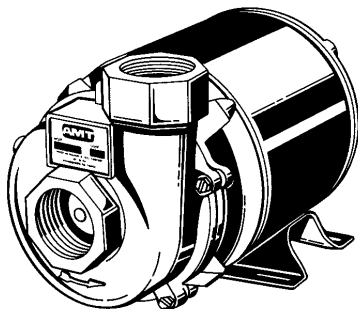
Model No.	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	Pump Construction	Ship Wt.
3201-96	1/4	1	ODP	115V AC	4.5	Aluminum	13 Lbs.

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. $230V \pm 10\% = 207$ to 253).



Standard Features

- Cast Aluminum Construction
- Buna-N Mechanical Seal and O-Ring
- 1-1/4" NPT Suction and Discharge Ports
- Maximum Working Pressure 50 PSI
- Maximum Temperature 180° F
- Maximum Flow 24 GPM
- Maximum Head 11 Ft.
- Self-cleaning, Semi-open Impeller
- 1725 RPM, 1/4 HP 115V AC Single Phase, Open Drip Proof (ODP) 48Z Frame Motor
- Available "Off-the-Shelf" for Same Day Shipment



INDUSTRIAL DUTY

12 VOLT DC HIGH HEAD WASHDOWN PUMPS

- **300 Series Investment Cast Stainless Steel, Cast Bronze and Cast Iron with Stainless Steel Impeller Construction**
- **Viton® Mechanical Seal and O-Ring with Stainless Steel and Bronze Models**
- **Buna N Mechanical Seal and O-Ring with Cast Iron Models**
- **Discharge Port Rotates in 90° Increments**
- **Four Front Drain Plugs**
- **Max. Working Pressure 150 PSI**
- **Max. Temperature 200° F**
- **Max. Flow 56 GPM**
- **Max. Head 80 Ft. (35 PSI)**
- **High Efficiency Closed Impeller**
- **1 HP 12 Volt DC Washdown Duty Motor for Severe Operating Conditions**

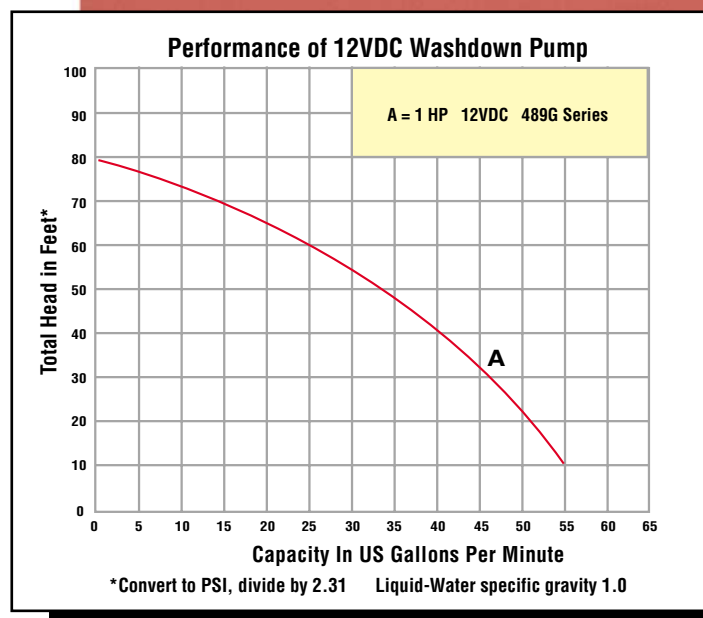


Model 489G-95

AMT 12 Volt DC Washdown pumps are designed for OEM, Septic Service, Pumper and Marine applications requiring a DC motor. The motor has a one hour duty rating and is furnished with a stainless steel shaft. This washdown duty pump is available in a variety of construction and seal materials to meet your specifications. Pull-from-the-rear design for easy servicing without disturbing any piping. High efficiency impeller maximizes performance.

AMT Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "**Off-the-Shelf**" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont



12 VAC High Head Washdown Pumps

Model	Suc*	Dis*	CP**	D	E	D	H1	H2	L	OP	T1	T2	W1	W2	X	Y	Z
489G-95	1-1/4"	1"	16.2	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35
489G-97																	
489G-98																	

(*) Standard NPT (female Pipe thread)

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

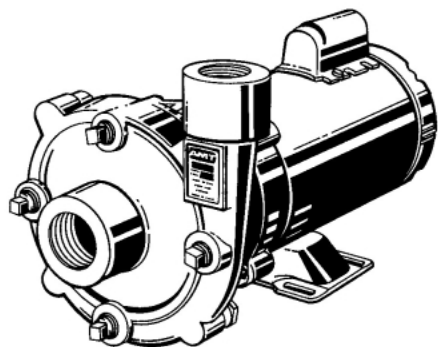
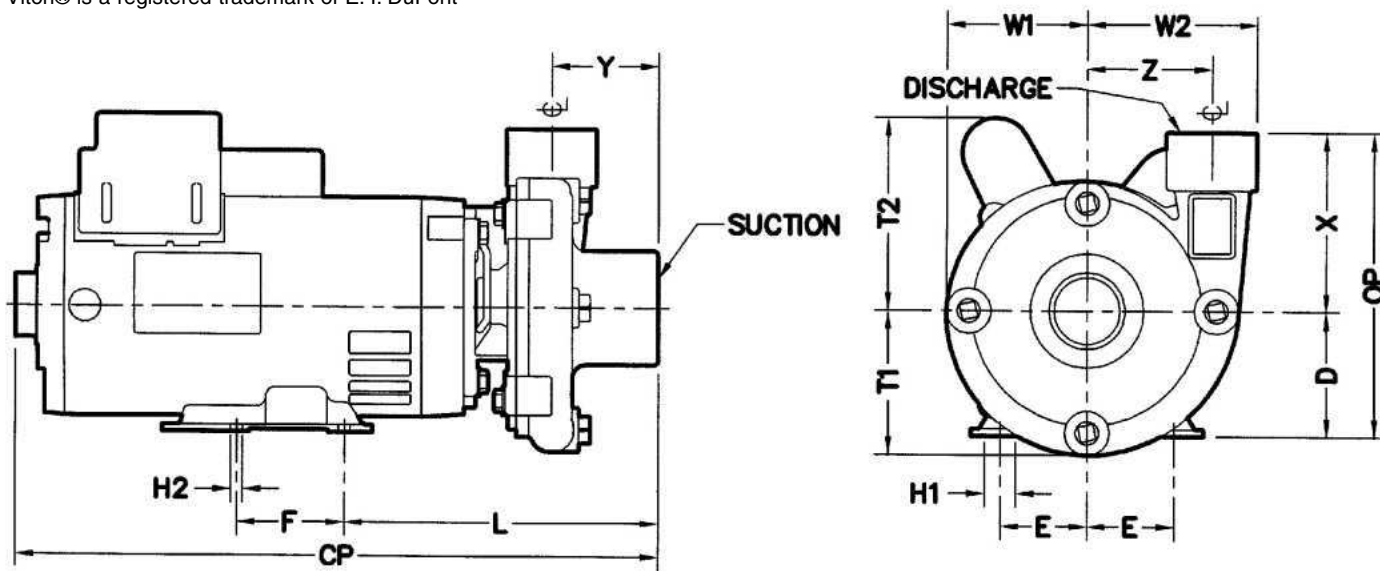
When Ordering Add the Correct -9x Suffix to Model Number Indicating Material Selection

XCI (-95) = Cast Iron Construction with SS Impeller and Buna-N Seals; Max. Temperature 180° F; Ship Wt. 57 lbs.

XB (-97) = Cast Bronze with SS impeller Construction with Viton® Seals; Max. Temperature 200° F; Ship Wt. 58 lbs.

XSS (-98) = Stainless Steel Construction with Viton® Seals; Max. Temperature 200° F; Ship Wt. 57 lbs.

Viton® is a registered trademark of E. I. DuPont



Standard Features

- 300 Series Investment Cast Stainless Steel, Bronze & Cast Iron Construction
- Buna-N or Viton® Mechanical Seal & O-Rings Depending on Model
- Stainless Steel Hardware
- 12 VDC 1 HP Washdown Duty Motor with Stainless Steel Shaft
- Stainless Steel Impeller
- High Efficiency Closed impeller
- Discharge Rotates in 90° Increments
- Max Working Pressure 150 PSI
- Max Temperature 200° F (Viton®), 180° F (Buna N)
- Four Front Drain Plugs Located 90° Apart
- **"Off-the-Shelf"** Availability



Inline Centrifugal Circulator Pumps

- **Cast Iron or Silicon Bronze Construction**
- **EPDM Mechanical Seal and Casing O-ring**
- **Optional Buna-N Mechanical Seal and O-Ring**
- **Investment Cast Stainless Steel Impeller with 569/570/571 Series, 572 Series includes Silicon Bronze Impeller**
- **Accessory Mounting Flanges Available 3/4" to 2" NPT**
- **Max Working Pressure 150 PSI**
- **Max. Temperature 225°F (107° C)***
- **Max. Flow 55 GPM**
- **Max. Head 19 ft. (8 PSI)**
- **Single Phase 1/4 HP, 1725 RPM, 115V ODP 56J Motor with Overload Protection**

Patterson Inline Circulator Pumps are designed for continuous duty industrial/commercial systems. Pumps are available in a variety of material configurations to meet your specifications. All models are powered by a single phase 115V ODP 56J NEMA frame 1/4 HP electric motor with 1/2-14 NPSM conduit connection. Direct coupled design eliminates stub shaft, oiled bearing and and coupling, reducing maintenance. Pumps are interchangeable with other manufacturers, see cross reference on specification page.

Patterson Inline Circulator Pumps are reliable, cost effective and low maintenance. Pumps are available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

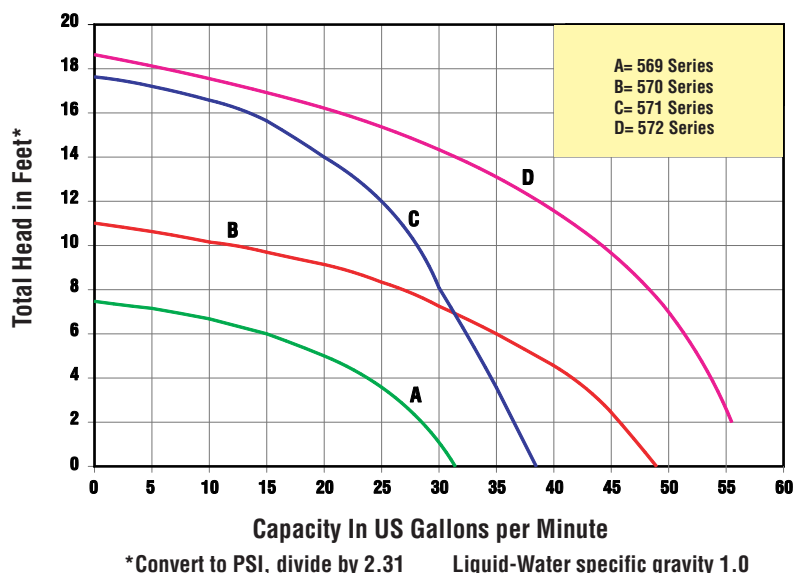
* Max. temperature applies to water only.

INDUSTRIAL DUTY



Bronze Circulator Pump

Performance of Inline Circulator Pumps
Based on Maximum Flange Size @ 1725 RPM



Inline Centrifugal Circulator Pumps

Pump Dimensional & Specification Data

C. Iron Model	Curve	Ship WT. (lbs.)	Bronze Model	Ship WT. (lbs.)	HP	PH	ENC	VAC VAC 60hz	FL AMPS	A	B	C	D	E	F	G	H
5690-95	A	23	5690-97	25	1/4	1	ODP	115	5.4	7	6.38	2.16	2.78	2	3.16	0.5	11.18
5700-95	B	25	5700-97	28	1/4	1	ODP	115	5.4	7	8.5	2.38	2.78	2	3.47	0.5	11.18
5710-95	C	26	5710-97	28	1/4	1	ODP	115	5.4	7	8.5	2.38	2.78	2	3.47	0.5	11.18
5720-95	D	26	5720-97	28	1/4	1	ODP	115	5.4	7	8.5	2.38	2.78	2	3.47	0.5	11.18

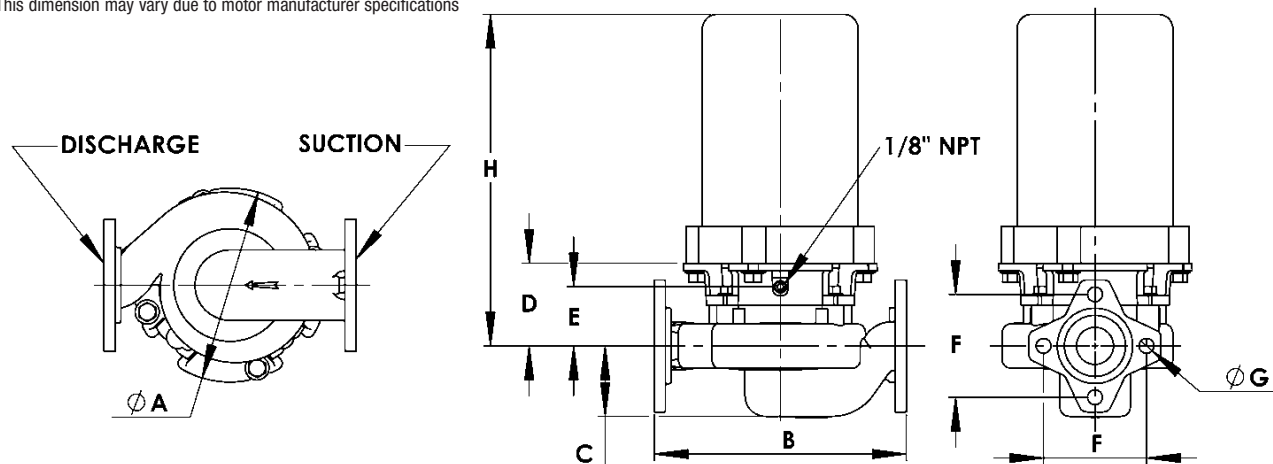
NOTE: Dimensions have a tolerance of $\pm 1/8"$.

When ordering add the correct -9x suffix to model number indicating material selection

569/570/571 Series -SS Impeller

572 series - Bronze Impeller

*This dimension may vary due to motor manufacturer specifications



*B dimension refers to Flange to Flange Width

Pumps are designed to mount horizontally or vertically

Connection Flanges - Flange Kit Model Numbers

Flanges Available - Standard NPT (female) pipe thread

Model Series	3/4"	1"	1-1/4"	1-1/2"	2"	Flange Face to NPT Face Thickness
569 Series XCI	C569-90	C569-91	C569-92	N/A	N/A	3/4"
569 Series XB	C569-93	C569-94	C569-95	N/A	N/A	3/4"
570 & 571 series XCI	C570-90	C570-91	C570-92	C570-93	N/A	3/4"
570 & 571 series XB	C570-94	C570-95	C570-96	C570-97	N/A	3/4"
572 Series XCI (-95)	N/A	N/A	N/A	N/A	C570-98	1-1/2"
572 Series XCI (-97)	N/A	N/A	N/A	N/A	C570-99	1-1/2"

NOTE: NPT flange kits include: 2 flanges, 2 Buna-N gaskets, 4 bolts and nuts

Standard Features

- 4-Bolt flange allows 360° mounting rotation in 90° increments
- 1/8" NPT seal wash/vent port shipped plugged
- EPDM Mechanical Seals and O-Rings
- Optional Buna-N Mechanical Seal and O-Ring Available
- Close coupled design reduces maintenance requirements
- Standard NEMA 56J motor mounting dimensions
- Stainless Steel (300 series) Motor Shaft
- High Efficiency Closed Impeller
- Inline Centered Design, Centerline of Ports In Line with Motor Shaft

Manufacturers Cross Reference

AMT SERIES	Flange to Flange Width*	Bell & Gossett Series	Armstrong Series	TACO Series	Dayton (C.Iron)
569	6.38	100NFI	S-25	110	4RD16
570	8.5	HV NFI	H-32	111	4RC93
571	8.5	PR	H-41	113	4RC91
572	8.5	2NFI	S-35	120	4RC95

*Refers to B dimensions

See price book page 29

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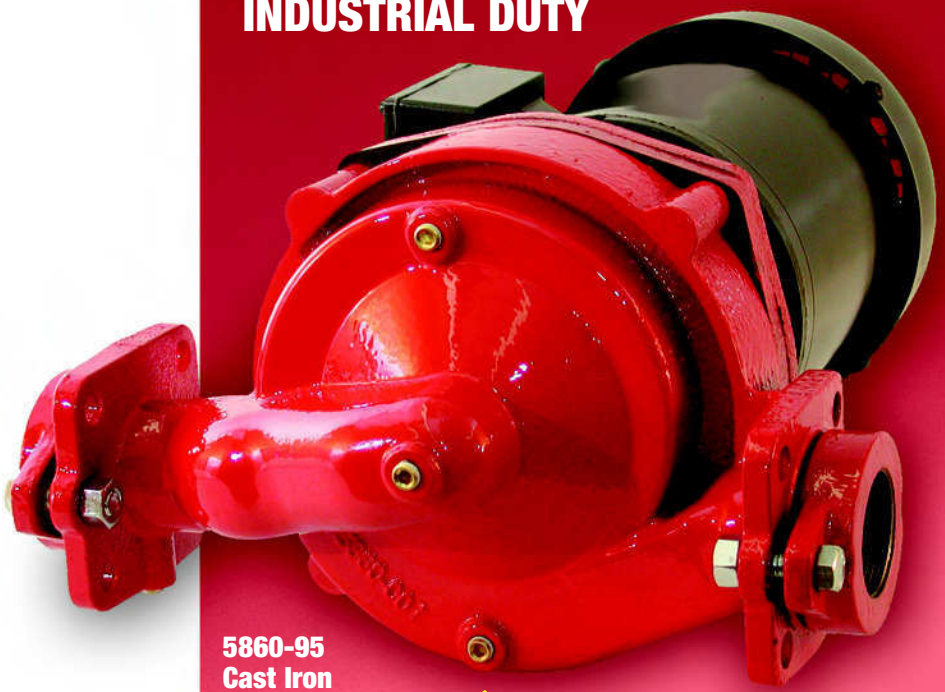
CP79-80/0706



Inline 1-1/2" Circulator Pumps

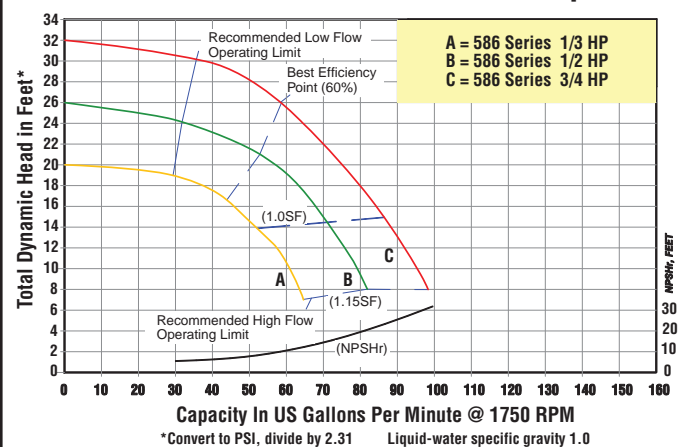
- **Cast Iron or Silicon Bronze Construction**
- **EPDM Mechanical Seal and Casing O-ring Standard**
- **Optional Viton® Mechanical Seal and O-ring**
- **Silicon Bronze Impeller**
- **Includes Mounting Flange Kit for 1-1/2" NPT**
- **Special Flange Designed to Accept B&G Flange or Standard 150lb 4-Bolt Flange**
- **Max. Water Temperature 225°F (107°C)**
- **Max. Flow 130 GPM**
- **Max. Head 53 ft. (23 PSI)**
- **1/8" NPT Seal Wash/Vent Port**
- **Single Phase or Three Phase TEFC 56C Motor**

Patterson Inline Circulator Pumps are designed for continuous duty industrial/commercial systems. Pumps are available in a variety of material configurations to meet your specifications. Pumps are powered by a 56C NEMA Totally Enclosed Fan Cooled (TEFC) frame electric motor with 1/2" conduit connection. Pumps are interchangeable with other manufacturers. Maximum working pressure 150 PSI. For use with non-flammable liquids which are compatible with pump component materials.

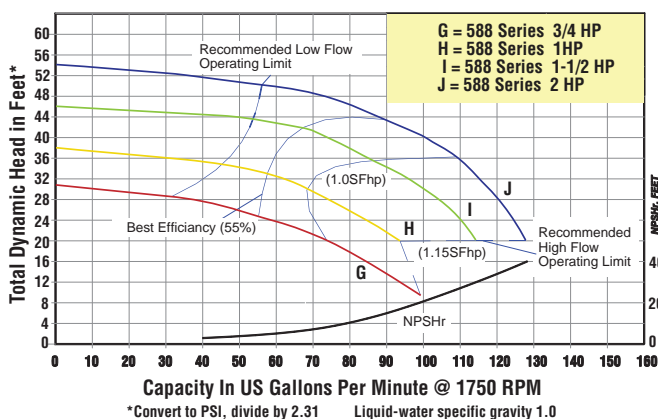


**5860-95
Cast Iron
Circulator Pump**

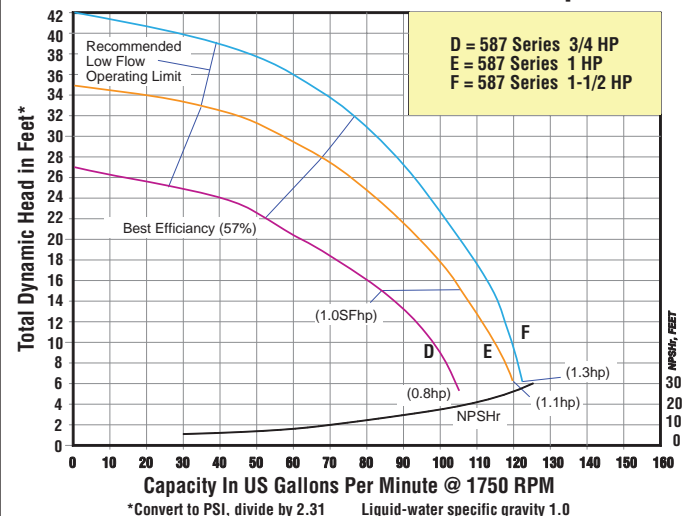
Performance of Inline Circulator Pumps



Performance of Inline Circulator Pumps



Performance of Inline Circulator Pumps



Inline 1-1/2" Centrifugal Circulator Pumps

Pump Dimensional & Specification Data

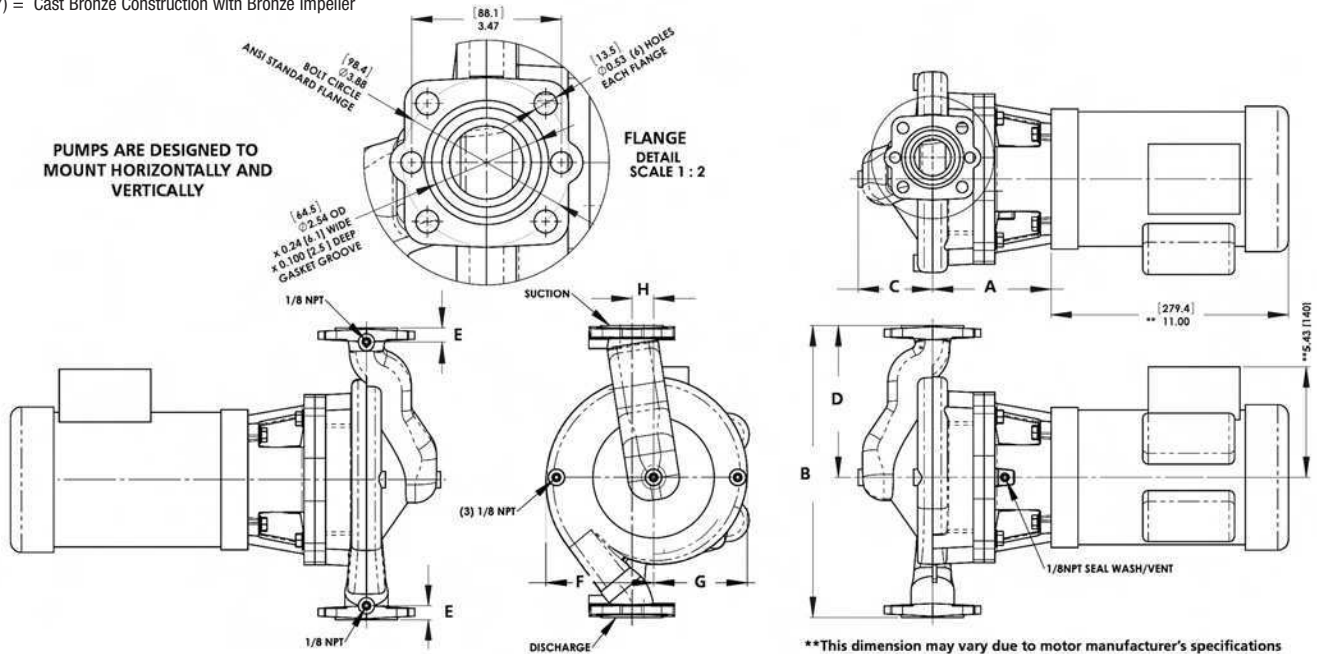
AMT Cast Iron Model	Ship Wt. (lbs.)	Curve	AMT Bronze Model	Ship Wt. (lbs.)	HP	PH	ENC	VAC 60 Hz	FL AMPS	A	B	C	D	E	F	G	H	B&G C. Iron Equiv.	B&G Bronze Equiv.
5864-95	76	A	5864-97	80	1/3	1	TEFC	115/230	7/4	5.4	11.5	3.1	6.5	0.5	4	4	1.4	607S	B607S
5865-95	73	A	5865-97	77	1/3	3	TEFC	230/460	2/1	5.4	11.5	3.1	6.5	0.5	4	4	1.4	607T	B607T
5862-95	80	B	5862-97	84	1/2	1	TEFC	115/230	9/5	5.4	11.5	3.1	6.5	0.5	4	4	1.4	608S	B608S
5863-95	76	B	5863-97	80	1/2	3	TEFC	230/460	3/2	5.4	11.5	3.1	6.5	0.5	4	4	1.4	608T	B608T
5860-95	86	C	5860-97	90	3/4	1	TEFC	115/230	12/6	5.4	11.5	3.1	6.5	0.5	4	4	1.4	609S	B609S
5861-95	80	C	5861-97	84	3/4	3	TEFC	230/460	3/2	5.4	11.5	3.1	6.5	0.5	4	4	1.4	609T	B609T
5874-95	83	D	5874-97	87	3/4	1	TEFC	115/230	12/6	5.4	13.5	3.6	7	0.7	4.6	4	1	621S	B621S
5875-95	82	D	5875-97	86	3/4	3	TEFC	230/460	3/2	5.4	13.5	3.6	7	0.7	4.6	4	1	621T	B621T
5872-95	88	E	5872-97	92	1	1	TEFC	115/230	14/7	5.4	13.5	3.6	7	0.7	4.6	4	1	613S	B613S
5873-95	86	E	5873-97	90	1	3	TEFC	230/460	4/2	5.4	13.5	3.6	7	0.7	4.6	4	1	613T	B613T
5870-95	98	F	5870-97	102	1.5	1	TEFC	115/230	17/9	5.4	13.5	3.6	7	0.7	4.6	4	1	614S	B614S
5871-95	90	F	5871-97	94	1.5	3	TEFC	230/460	5/3	5.4	13.5	3.6	7	0.7	4.6	4	1	614T	B614T
5886-95	84	G	5886-97	89	3/4	1	TEFC	115/230	12/6	5.5	13.5	3.4	7	0.7	5	4.3	1	622S	B622S
5887-95	82	G	5887-97	87	3/4	3	TEFC	230/460	3/2	5.5	13.5	3.4	7	0.7	5	4.3	1	622T	B622T
5884-95	89	H	5884-97	94	1	1	TEFC	115/230	14/7	5.5	13.5	3.4	7	0.7	5	4.3	1	623S	B623S
5885-95	87	H	5885-97	92	1	3	TEFC	230/460	4/2	5.5	13.5	3.4	7	0.7	5	4.3	1	623T	B623T
5882-95	99	I	5882-97	104	1.5	1	TEFC	115/230	17/9	5.5	13.5	3.4	7	0.7	5	4.3	1	617S	B617S
5883-95	91	I	5883-97	96	1.5	3	TEFC	230/460	5/3	5.5	13.5	3.4	7	0.7	5	4.3	1	617T	B617T
5880-95	100	J	5880-97	105	2	1	TEFC	115/230	22/11	5.5	13.5	3.4	7	0.7	5	4.3	1	618S	B618S
5881-95	92	J	5881-97	97	2	3	TEFC	230/460	6/3	5.5	13.5	3.4	7	0.7	5	4.3	1	618T	B618T

NOTE: Electric supply for all motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

NOTE: Dimensions have a tolerance of $\pm 1/8"$

XCI (-95) = Cast Iron Construction with Bronze Impeller

XB (-97) = Cast Bronze Construction with Bronze Impeller



Standard Features

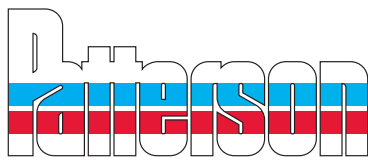
- Includes Mounting flange Kit for 1-1/2" NPT; includes (2) flanges, (2) gaskets and fasteners
- Special flange designed to accept B&G flange or standard 150 lb 4 bolt flanges
- 1/8" NPT seal wash/vent port
- EPDM Mechanical Seal and Casing O-Ring Standard
- Optional Viton® Mechanical Seals and O-Rings Available
- Stainless Steel (300 Series) Sleeve protects stub shaft from liquid.
- Steel shaft with Sealed Ball Bearing design permits removal of motor without disconnecting pump or loss of liquid.
- High Efficiency Closed Bronze Impeller
- Available in either Single or Three Phase TEFC 56C Motors with standard NEMA mounting dimensions

See price book pages 29A

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CP80A-80B/0708



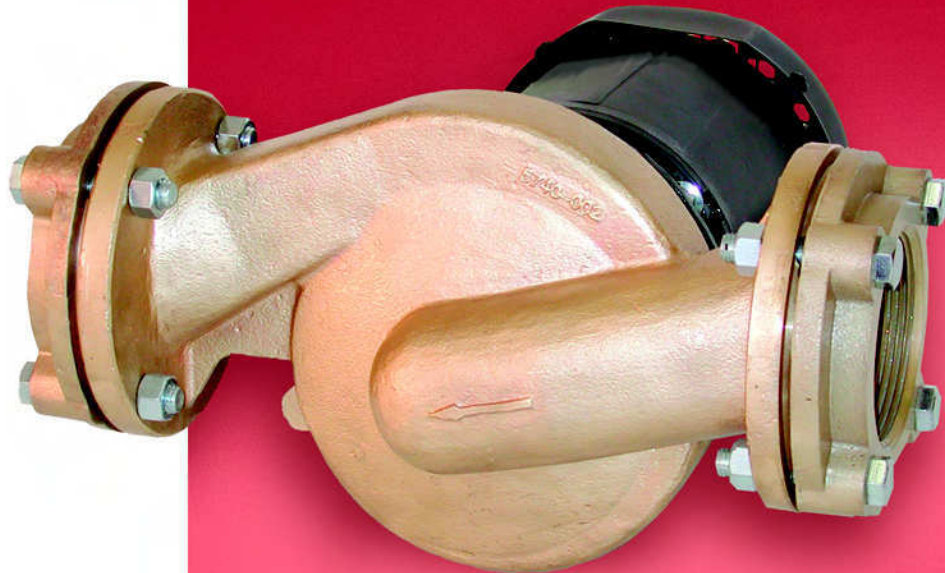
Inline 3" Circulator Pumps

- **Cast Iron or Silicon Bronze Construction**
- **EPDM Mechanical Seal and Casing O-ring**
- **Optional Buna-N Mechanical Seal and O-Ring**
- **Silicon Bronze Impeller**
- **Includes Mounting Flange Kit for 3" NPT**
- **Max Working Pressure 150 PSI**
- **Max. Temperature 225°F (107° C)***
- **Max. Flow 150 GPM**
- **Max. Head 28 ft. (12 PSI)**
- **Single Phase or Three Phase TEFC 56C Motor**

Patterson Inline Circulator Pumps are designed for continuous duty industrial/commercial systems. Pumps are available in a variety of material configurations to meet your specifications. Pumps are powered by a 56C NEMA frame electric motor with 1/2" conduit connection. Pumps are interchangeable with other manufacturers, see cross reference on specification page.

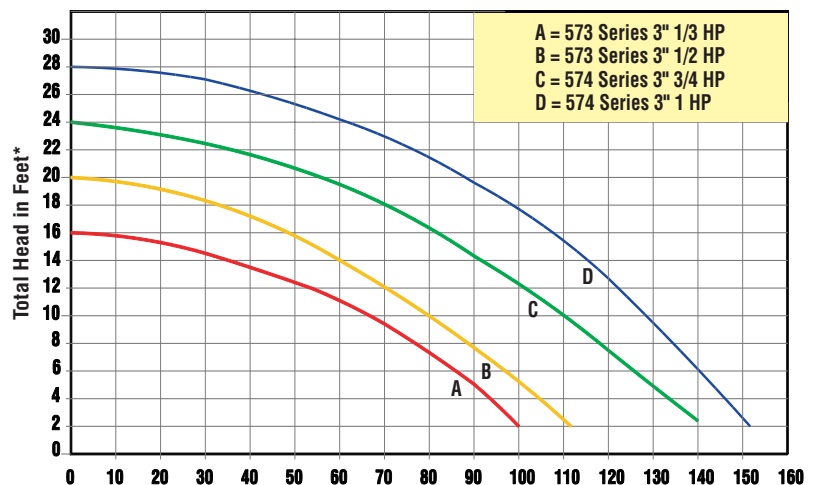
Patterson Inline Circulator Pumps are reliable, cost effective and low maintenance. Pumps are available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

*Max. temperature applies to water only.



**5740-97 Bronze
Circulator Pump**

Performance of Inline Circulator Pumps



Capacity in US Gallons per Minute @ 1725 RPM

*Convert to PSI, divide by 2.31 Liquid-Water specific gravity 1.0

Inline 3" Circulator Pumps

Pump Dimensional & Specification Data

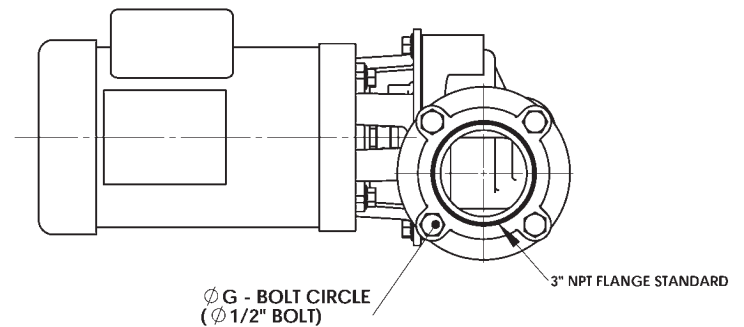
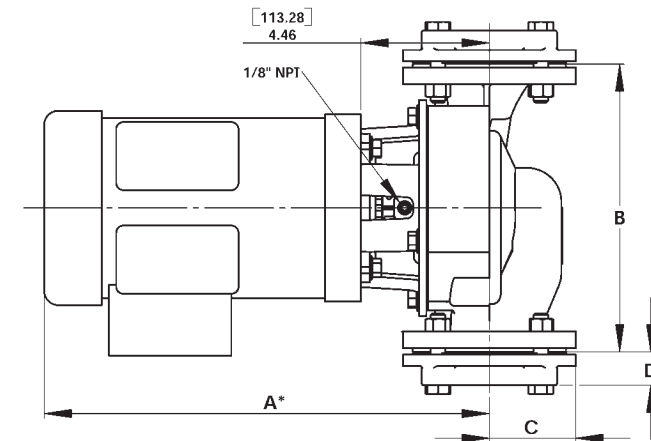
C.Iron Model	Curve	Ship WT. (lbs.)	Bronze Model	Ship WT (lbs.)	HP	PH	ENC	VAC 60hz	FL AMPS	A*	B	C	D	E	F	G
5735-95	A	72	5735-97	78	1/3	1	TEFC	115/230	7/4	14	10	3	1.12	5	3	5.05
5736-95	A	69	5736-97	75	1/3	3	TEFC	230/460	2/1	14	10	3	1.12	5	3	5.05
5730-95	B	77	5730-97	84	1/2	1	TEFC	115/230	9/5	14	10	3	1.12	5	3	5.05
5731-95	B	71	5731-97	77	1/2	3	TEFC	230/460	3/2	14	10	3	1.12	5	3	5.05
5745-95	C	83	5745-97	90	3/4	1	TEFC	115/230	12/6	15	12	3	1.12	5	3.25	5.05
5746-95	C	77	5746-97	84	3/4	3	TEFC	230/460	3/2	15	12	3	1.12	5	3.25	5.05
5740-95	D	90	5740-97	97	1	1	TEFC	115/230	14/7	15	12	3	1.12	5	3.25	5.05
5741-95	D	84	5741-97	91	1	3	TEFC	230/460	4/2	15	12	3	1.12	5	3.25	5.05

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

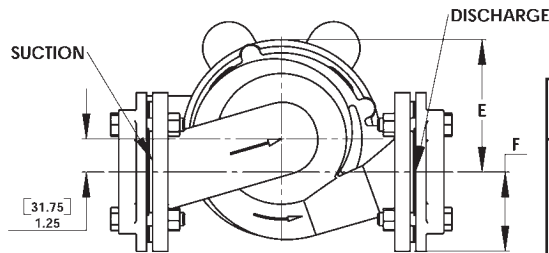
NOTE: Dimensions have a tolerance of $\pm 1/8"$

When ordering add the correct -9x suffix to model number indicating material selection

*This dimension may vary due to motor manufacturer's specifications



Pumps are designed to mount horizontally or vertically



Manufacturers Cross Reference

AMT SERIES	Flange to Flange Width	Bell & Gossett Series (C.Iron)	Bell & Gossett Series (Bronze)	Armstrong Series	TACO Series	Dayton (C.Iron)
5735/5736	10	LD3	LD3AB	S-45	122	4RC99
5730/5731	10	HD3	HD3AB	S-46	131	4RD12
5745/5746	12	PD-35S	PDB35S	S-55	132	4RD13
5740/5741	12	PD-37S	PDB37S	S-56	133	4RD14

Standard Features

- Mounting Flange Kit for 3" NPT, which includes (2) flanges, (2) gaskets, and fasteners
- 4-Bolt flange allows 360° mounting rotation in 90° increments
- 1/8" NPT seal wash/vent port
- EPDM Mechanical Seal and O-Rings
- Optional Buna-N Mechanical Seal and O-Ring Available
- Stainless Steel (300 series) Stub Shaft
- High Efficiency Closed Impeller
- Standard NEMA 56C motor mounting dimensions
- Available in either Single Phase or Three Phase TEFC 56C Motors



See price book pages 29

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CP81-82/0708



Straight Centrifugal Pumps

- Available in : 300 Series Investment Cast Stainless Steel, Cast Bronze and Cast Iron with Stainless Steel Impeller Construction
- Viton® Mechanical Seal and O-Ring with Stainless Steel and Bronze Models
- Buna-N Mechanical Seal and O-Ring with Cast Iron Models
- Optional Silicon Carbide Mechanical Seals Available
- Discharge Port Rotates in 90° Increments
- Maximum Working Pressure 75 PSI
- Max. Temperature 200°F
- Max. Flow 90 GPM
- Max. Head 65 Ft. (28 PSI)
- Self-cleaning, Semi-open Impellers
- Available with Totally Enclosed Fan Cooled (TEFC) 56J Motors
- 1/3 HP to 2 HP Single and Three Phase, 3450 RPM Motors

This line of AMT Straight Centrifugal pumps is designed for continuous-duty low pressure OEM, Industrial/Commercial and General Service applications including circulation, chemical processing, liquid transfer and cooling. These durable and compact pumps are available in a variety of construction and seal materials to meet your specification. The line also features a wide selection of single and three phase TEFC motors, up to 2 horsepower. All models feature Type 6 mechanical seals and O-rings. Pull-from-the-rear design for easy service without disturbing any piping. Self-cleaning impellers to prevent clogging and minimize maintenance.

AMT Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available **"Off-the Shelf"** for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

INDUSTRIAL DUTY

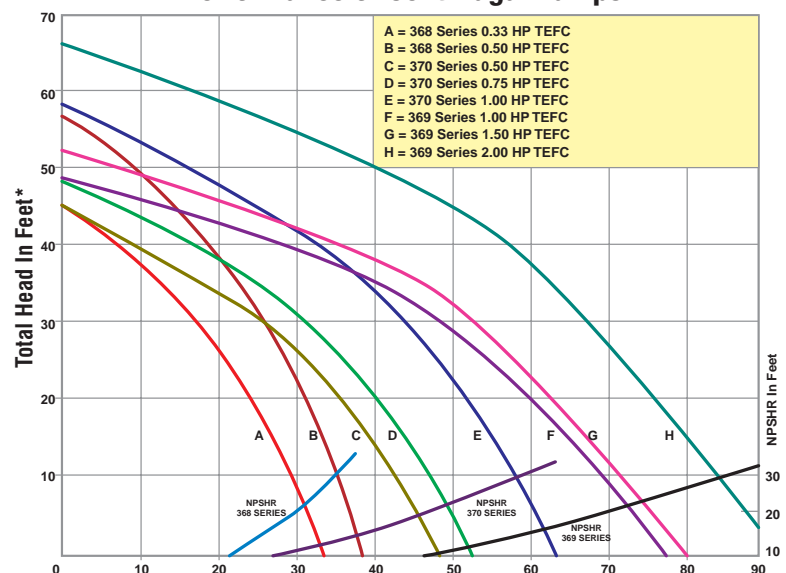


Bronze Centrifugal Pump



Stainless Steel Centrifugal Pump

Performance of Centrifugal Pumps



* Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

Straight Centrifugal Pumps

Pump Dimensional & Specification Data

MODEL ‡	CURVE	HP	PH	ENG	60 HZ +	AMPS	SUC*	DIS*	AB**	CP**	L	X	Y	Z	ZZ	SHIPPING WT.		
																XCI ‡ (-95)	XB ‡ (-97)	XSS ‡ (-98)
368A	A	1/3	1	TEFC	115/230	7 / 4	3/4"	1/2"	2.4	13.4	6.3	1.9	1.4	1.9	2.9	31 lbs.	32 lbs.	31 lbs.
368B	B	1/2	1	TEFC	115/230	9 / 5	3/4"	1/2"	2.4	13.3	6.3	1.9	1.4	1.9	2.9	33 lbs.	34 lbs.	33 lbs.
368C	B	1/2	3	TEFC	230/460	3 / 2	3/4"	1/2"	2.4	13.1	6.3	1.9	1.4	1.9	2.9	31 lbs.	32 lbs.	31 lbs.
370B	C	1/2	1	TEFC	115/230	9 / 5	1"	3/4"	3.0	13.3	6.3	2.4	1.4	2.1	3.3	33 lbs.	34 lbs.	33 lbs.
370F	C	1/2	3	TEFC	230/460	3 / 2	1"	3/4"	3.0	13.2	6.3	2.4	1.4	2.1	3.3	34 lbs.	35 lbs.	34 lbs.
370A	D	3/4	1	TEFC	115/230	9 / 5	1"	3/4"	3.0	13.8	6.3	2.4	1.4	2.1	3.3	37 lbs.	38 lbs.	37 lbs.
370C	D	3/4	3	TEFC	230/460	3 / 2	1"	3/4"	3.0	13.2	6.3	2.4	1.4	2.1	3.3	35 lbs.	36 lbs.	35 lbs.
370E	E	1	1	TEFC	115/230	12 / 6	1"	3/4"	3.0	15.1	6.3	2.4	1.3	2.1	3.3	39 lbs.	40 lbs.	39 lbs.
370D	E	1	3	TEFC	230/460	4 / 2	1"	3/4"	3.0	14.2	6.3	2.4	1.3	2.1	3.3	36 lbs.	37 lbs.	36 lbs.
369C	F	1	1	TEFC	115/230	12 / 6	1-1/4"	1"	3.0	14.2	6.3	2.5	1.3	2.0	3.4	40 lbs.	N/A.	40 lbs.
369F	F	1	3	TEFC	230/460	4 / 2	1-1/4"	1"	3.0	13.8	6.3	2.5	1.3	2.0	3.4	39 lbs.	N/A.	39 lbs.
369A	G	1-1/2	1	TEFC	115/230	18 / 9	1-1/4"	1"	3.0	15.1	6.3	2.5	1.3	2.0	3.4	48 lbs.	N/A.	48 lbs.
369B	G	1-1/2	3	TEFC	230/460	5 / 3	1-1/4"	1"	3.0	14.2	6.3	2.5	1.3	2.0	3.4	40 lbs.	N/A.	40 lbs.
369D	H	2	1	TEFC	115/230	22 / 11	1-1/4"	1"	3.0	15.4	6.3	2.5	1.3	2.0	3.4	52 lbs.	N/A.	52 lbs.
369E	H	2	3	TEFC	230/460	6 / 3	1-1/4"	1"	3.0	14.3	6.3	2.5	1.3	2.0	3.4	50 lbs.	N/A.	50 lbs.

(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase motors can also operate on 50 Hz. (This will change Full Load Amps, Service Factor and RPM)

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

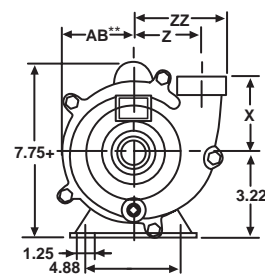
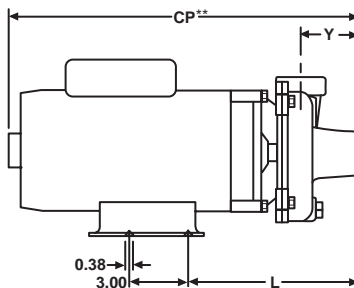
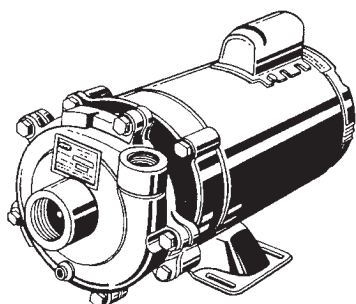
NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

‡ When Ordering Add the Correct-9x Suffix to Model Number Indicating Material Selection (ex: 368A-95)

XCI (-95)=Cast Iron Construction with SS Impeller and Buna-N Seals, Max. Temperature 180°F

XB (-97)=Cast Bronze Construction with Viton® Seals, Max. Temperature 200°F

XSS (-98)=Stainless Steel Construction with Viton® Seals, Max. Temperature 200°F



Standard Features

- Stainless Steel, Bronze & Cast Iron Construction
- Buna-N or Viton® Mechanical Seals and O-Rings Depending on Model
- Stainless Steel Hardware
- NEMA 56J TEFC Single and Three Phase Motors
- Stainless Steel Motor Shaft
- NEMA Base Mounted Motor
- Self-cleaning Impeller
- Discharge Rotates in 90° Increments
- Maximum Working Pressure to 75 PSI
- Max. Temperature 200°F (Viton®), 180°F (Buna-N)
- Front Drain Plug
- "Off-the-Shelf" Availability for Many Models



High Head Straight Centrifugal Pumps

- **300 Series Investment Cast Stainless Steel, Cast Bronze and Cast Iron with Stainless Steel Impeller Construction**
- **Viton® Mechanical Seal and O-Ring with Stainless Steel and Bronze Models**
- **Buna-N Mechanical Seal and O-Ring with Cast Iron Models**
- **Optional Silicon Carbide Mechanical Seals Available**
- **Discharge Port Rotates in 90° Increments**
- **489 Series: 1-1/4" x 1" Ports**
- **490 Series: 1-1/2" x 1 1/4" Ports**
- **Max. Working Pressure 150 PSI**
- **Max. Temperature 200° F**
- **Max. Flow 118 GPM**
- **Max. Head 149 Ft. (65 PSI)**
- **High Efficiency Closed Impeller**
- **Available with Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) 56J Motors**
- **1/2 HP to 3 HP Single and Three Phase 3450 RPM Motors**

AMT High Head Straight Centrifugal pumps are designed for continuous-duty OEM, Industrial/Commercial and processing applications including circulation, chemical processing, liquid transfer, heating and cooling, sprinkler/fire protection systems and pressure boosting. These heavy duty high pressure pumps are available in a variety of construction and seal materials to meet your specification. The line also features a wide selection of single & three phase ODP or TEFC motors, up to 3 horsepower. All models feature Type 21 mechanical seals and O-rings. Pull-from-the-rear design for easy servicing without disturbing any piping. High efficiency impellers maximize performance.

AMT Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

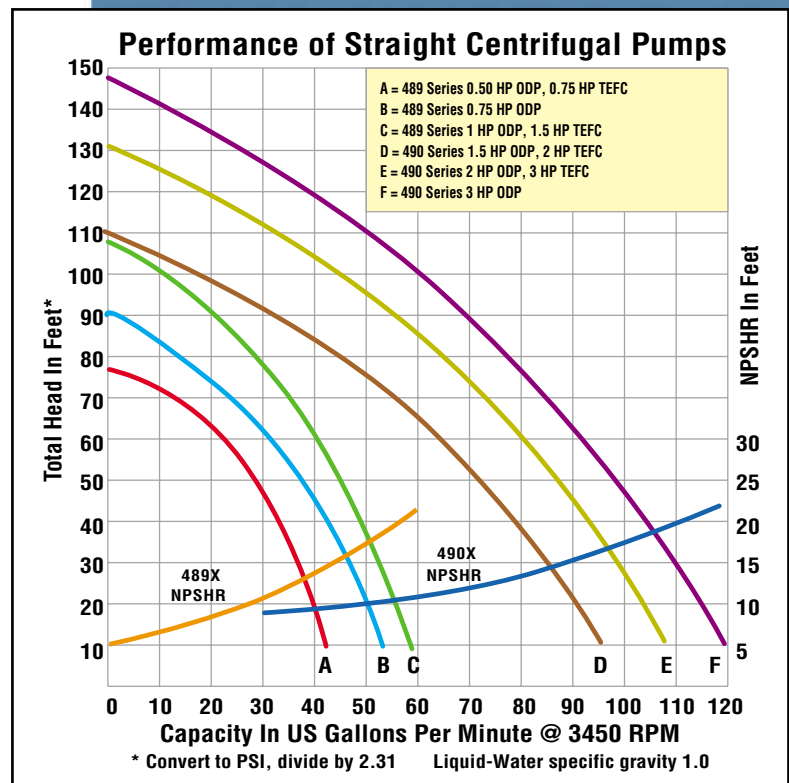
INDUSTRIAL DUTY



Stainless Steel Model 490A-98



Cast Bronze Model 4890-97



High Head Straight Centrifugal Pumps

Pump Dimensional & Specification Data

†					VOLTAGE	FULL																	†	†	†	
Model	Curve	HP	PH	ENC	Ⓢ 60 Hz+	LOAD	SUC*	DIS*	CP**	D	E	F	H1	H2	L	OP	T1	T2	W1	W2	X	Y	Z	XCI (-95)	XB (-97)	XSS(-98)
4893	A	1/2	1	ODP	115/230	10/5	1-1/4"	1"	14.8	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	43 lbs.	44 lbs.	43 lbs.
4894	A	1/2	3	ODP	208-230/460	4/2	1-1/4"	1"	13.6	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	43 lbs.	41 lbs.	43 lbs.
489C	A	3/4	1	TEFC	115/230	9/5	1-1/4"	1"	16.3	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	46 lbs.	49 lbs.	46 lbs.
489D	A	3/4	3	TEFC	230/460	3/2	1-1/4"	1"	14.2	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	44 lbs.	47 lbs.	44 lbs.
4895	B	3/4	1	ODP	115/230	13/7	1-1/4"	1"	15.7	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	44 lbs.	45 lbs.	44 lbs.
4896	B	3/4	3	ODP	208-230/460	4/2	1-1/4"	1"	14.0	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	44 lbs.	42 lbs.	44 lbs.
489C	C	1	1	ODP	115/230	17/9	1-1/4"	1"	14.2	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	47 lbs.	48 lbs.	47 lbs.
4891	C	1	3	ODP	208-230/460	5/3	1-1/4"	1"	13.4	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	45 lbs.	46 lbs.	45 lbs.
489A	C	1-1/2	1	TEFC	115/230	18/9	1-1/4"	1"	16.1	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	55 lbs.	58 lbs.	55 lbs.
489B	C	1-1/2	3	TEFC	230/460	5/3	1-1/4"	1"	15.2	3.5	2.44	3.00	0.88	0.3	7.3	8.2	3.7	4.7	3.5	4.4	4.7	2.1	3.35	53 lbs.	56 lbs.	53 lbs.
4902	D	1-1/2	1	ODP	115/230	22/11	1-1/2"	1-1/4"	15.5	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	57 lbs.	64 lbs.	57 lbs.
4903	D	1-1/2	3	ODP	208-230/460	7/4	1-1/2"	1-1/4"	15.7	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	54 lbs.	58 lbs.	54 lbs.
490C	D	2	1	TEFC	115/230	22/11	1-1/2"	1-1/4"	18.0	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	65 lbs.	72 lbs.	62 lbs.
490D	D	2	3	TEFC	230/460	6/3	1-1/2"	1-1/4"	17.5	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	60 lbs.	67 lbs.	63 lbs.
4904	E	2	1	ODP	115/230	28/14	1-1/2"	1-1/4"	16.8	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	63 lbs.	62 lbs.	63 lbs.
4905	E	2	3	ODP	208-230/460	7/4	1-1/2"	1-1/4"	16.5	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	58 lbs.	62 lbs.	58 lbs.
490A	E	3	1	TEFC	230	16	1-1/2"	1-1/4"	17.1	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	74 lbs.	76 lbs.	71 lbs.
490B	E	3	3	TEFC	230/460	8/4	1-1/2"	1-1/4"	16.0	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	66 lbs.	73 lbs.	69 lbs.
4900	F	3	1	ODP	230	18	1-1/2"	1-1/4"	15.0	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	69 lbs.	73 lbs.	69 lbs.
4901	F	3	3	ODP	208-230/460	9/5	1-1/2"	1-1/4"	15.2	3.5	2.44	3.00	0.88	0.3	8.8	8.4	4.0	4.9	3.9	4.7	4.9	3.0	3.49	64 lbs.	68 lbs.	69 lbs.

(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase motors can also operate on 50 Hz. (This will change Full Load Amps, Service Factor and RPM)

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

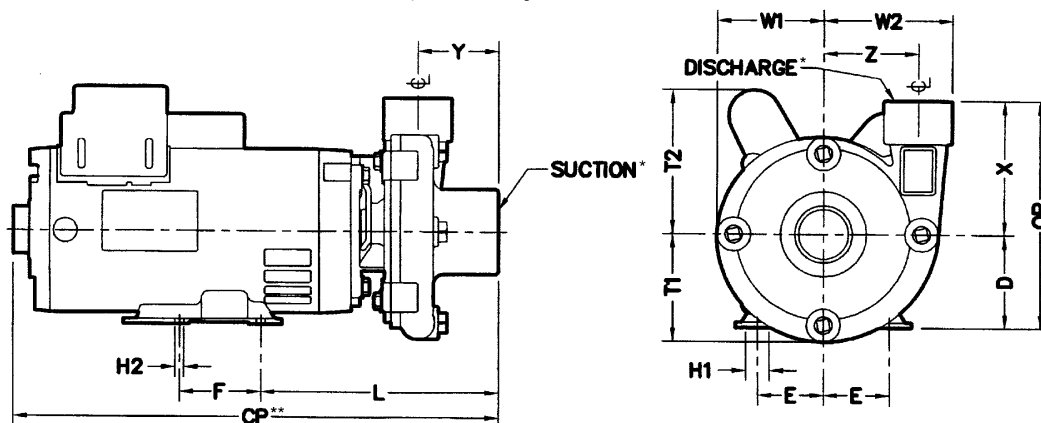
NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

† **When Ordering Add the Correct-9x Suffix to Model Number Indicating Material Selection (ex: 4893-95)**

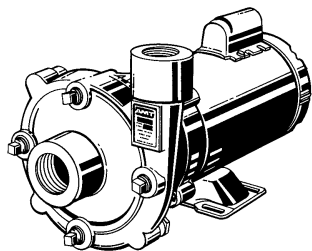
XCI (-95)=Cast Iron Construction with SS Impeller and Buna-N Seals, Max. Temperature 180°F

XB (-97)=Cast Bronze Construction with Viton® Seals, Max. Temperature 200°F

XSS (-98)=Stainless Steel Construction with Viton® Seals, Max. Temperature 200°F



Standard Features



- 300 Series Investment Cast Stainless Steel, Bronze & Cast Iron Construction
- Buna-N or Viton® Mechanical Seal and O-Rings Depending on Model
- Stainless Steel Hardware
- NEMA 56J ODP & TEFC Single and Three Phase 3450 RPM Motors
- Stainless Steel Motor Shaft
- NEMA Base Mounted Motors
- High Efficiency Closed Impeller
- Discharge Rotates in 90° Increments
- Maximum Working Pressure to 150 PSI
- Max. Temperature 200° F (Viton®), 180° F (Buna-N)
- Four Front Drain Plugs, Located 90° Apart
- "Off-the-Shelf" Availability for Many Models

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OFF THE SHELF
PUMPS

Viton® is a registered trademark of E.I. DuPont

See price book pages 32 & 33

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

CP85-86/0706



Stainless Steel Straight Centrifugal Pumps

- **Stainless Steel Construction**
- **Viton® Mechanical Seal and O-Ring**
- **Investment Cast Stainless Steel Impeller**
- **High Head and High Volume Models**
- **Max. Working Pressure 150 PSI**
- **Max. Temperature 200° F**
- **Max. Flow 156 GPM**
- **Max. Head 145 Ft.**
- **Chemical Resistant Design**
- **Discharge Port Rotates in 90° Increments**
- **Available with Open Drip Proof (ODP) or Totally Enclosed Fan Cooled (TEFC) Motors**
- **1/2 HP to 3 HP Single and Three (3) Phase 3450 RPM Motors**
- **553 Series: 1.5" x 1.25" Ports**
- **549 Series: 2" x 1.5" Ports**
- **548 Series: 1.5" x 1.25" Ports**
- **547 Series: 1.25" x .75" Ports**

The AMT line of Stainless Steel Straight Centrifugal pumps is designed for continuous duty high flow and high pressure applications including chemical processing, liquid transfer, cooling, pressure boosting, circulating and applications requiring contaminant free pumping. Constructed of rugged deep drawn Stainless Steel for durability and corrosion resistance. Investment Cast Stainless Steel closed impellers for enhanced performance and high efficiencies. All models include Viton® Type 21 mechanical seals and O-rings which offer a broad range of chemical compatibility. Cast Iron motor adapter provides a positive and rigid mounting to motor.

AMT Stainless Steel Straight Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont

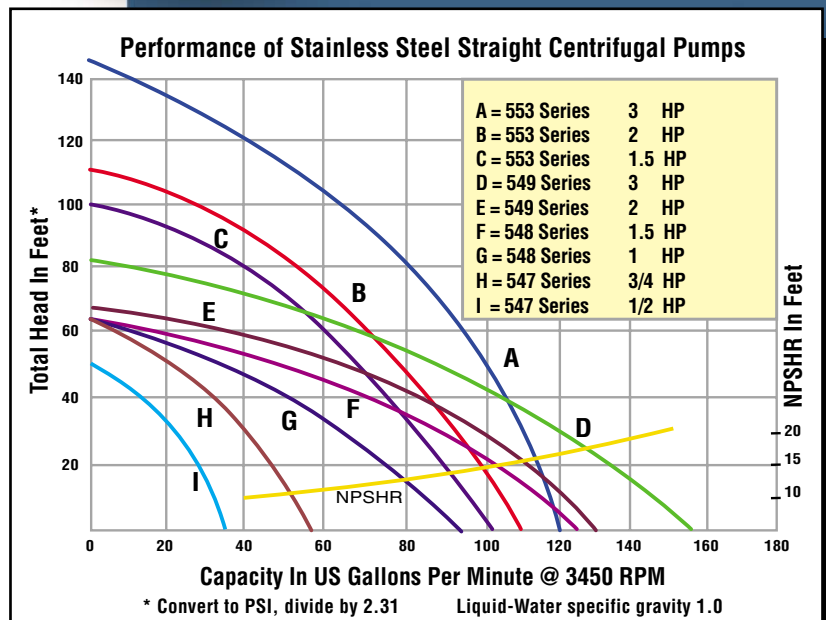
INDUSTRIAL DUTY



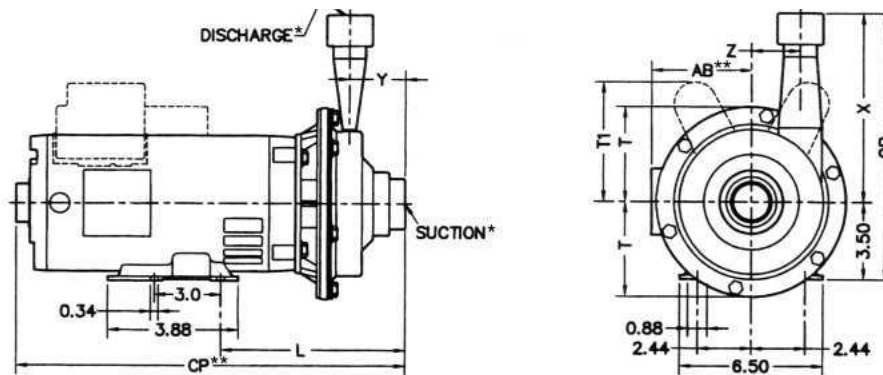
High Volume Pump



High Head Pump



Stainless Steel Straight Centrifugal Pumps



HIGH VOLUME MODELS SPECIFICATIONS AND DIMENSIONAL DATA

Model No.	Curve	HP	PH	ENC	VOLTAGE @ 60 Hz+	FULL LOAD AMPS	SUC*	DIS*	CP**	AB**	L	OP	T	T1**	X	Y	Z	Ship Wt.
5475-98	I	1/2	1	ODP	115/230	10/5	3/4"	1/2"	12.1	3.4	6.5	7.9	3.4	N/A	4.4	2.2	4.1	23 lbs.
5470-98	H	3/4	1	ODP	115/230	13/7	1-1/4"	3/4"	12.6	4.9	6.5	7.9	3.4	N/A	4.4	2.2	4.1	30 lbs.
5471-98	H	3/4	1	TEFC	115/230	9/5	1-1/4"	3/4"	14.0	4.9	6.5	7.9	3.4	N/A	4.4	2.2	4.1	38 lbs.
5472-98	H	3/4	3	ODP	230/460	4/2	1-1/4"	3/4"	12.8	4.9	6.5	7.9	3.4	N/A	4.4	2.2	4.1	36 lbs.
5473-98	H	3/4	3	TEFC	230/460	3/2	1-1/4"	3/4"	13.4	4.9	6.5	7.9	3.4	N/A	4.4	2.2	4.1	31 lbs.
5480-98	G	1	1	ODP	115/230	17/9	1-1/2"	1-1/4"	12.7	4.9	6.1	7.9	3.4	N/A	4.4	1.8	4.0	35 lbs.
5481-98	G	1	1	TEFC	115/230	12/6	1-1/2"	1-1/4"	14.0	4.9	6.1	7.9	3.4	N/A	4.4	1.8	4.0	42 lbs.
5482-98	G	1	3	ODP	230/460	5/3	1-1/2"	1-1/4"	12.8	4.9	6.1	7.9	3.4	N/A	4.4	1.8	4.0	40 lbs.
5483-98	G	1	3	TEFC	230/460	4/2	1-1/2"	1-1/4"	13.6	4.6	6.1	7.9	3.4	N/A	4.4	1.8	4.0	36 lbs.
5484-98	F	1-1/2	1	ODP	115/230	22/11	1-1/2"	1-1/4"	13.0	4.6	6.1	7.9	3.4	N/A	4.4	1.8	4.0	38 lbs.
5485-98	F	1-1/2	1	TEFC	115/230	18/9	1-1/2"	1-1/4"	14.8	4.6	6.1	7.9	3.4	N/A	4.4	1.8	4.0	50 lbs.
5486-98	F	1-1/2	3	ODP	230/460	7/4	1-1/2"	1-1/4"	13.3	4.6	6.1	7.9	3.4	N/A	4.4	1.8	4.0	43 lbs.
5487-98	F	1-1/2	3	TEFC	230/460	5/3	1-1/2"	1-1/4"	14.0	4.9	6.1	7.9	3.4	N/A	4.4	1.8	4.0	39 lbs.
5490-98	E	2	1	ODP	115/230	28/14	2"	1-1/2"	13.7	4.9	6.2	7.9	3.4	N/A	4.4	1.9	4.0	44 lbs.
5491-98	E	2	1	TEFC	115/230	22/11	2"	1-1/2"	15.3	4.6	6.2	7.9	3.4	N/A	4.4	1.9	4.0	56 lbs.
5492-98	E	2	3	ODP	230/460	7/4	2"	1-1/2"	13.9	4.6	6.2	7.9	3.4	N/A	4.4	1.9	4.0	49 lbs.
5493-98	E	2	3	TEFC	230/460	6/3	2"	1-1/2"	14.2	4.6	6.2	7.9	3.4	N/A	4.4	1.9	4.0	44 lbs.
5494-98	D	3	1	ODP	230	18	2"	1-1/2"	15.0	4.9	6.2	7.9	3.4	N/A	4.4	1.9	4.0	54 lbs.
5495-98	D	3	1	TEFC	230	16	2"	1-1/2"	16.2	4.9	6.2	7.9	3.4	N/A	4.4	1.9	4.0	57 lbs.
5496-98	D	3	3	ODP	230/460	9/5	2"	1-1/2"	14.7	4.9	6.2	7.9	3.4	N/A	4.4	1.9	4.0	52 lbs.
5497-98	D	3	3	TEFC	230/460	8/4	2"	1-1/2"	15.7	4.9	6.2	7.9	3.4	N/A	4.4	1.9	4.0	54 lbs.

HIGH HEAD MODELS SPECIFICATIONS AND DIMENSIONAL DATA

Model No.	Curve	HP	PH	ENC	VOLTAGE @ 60 Hz+	FULL LOAD	SUC*	DIS*	CP**	AB**	L	OP	T	T1**	X	Y	Z	Ship Wt.
5538-98	C	1-1/2	1	ODP	115/230	22/11	1-1/2"	1-1/4"	14.5	4.9	7.5	12.0	4.3	N/A	8.5	2.6	2.8	41 lbs.
5539-98	C	1-1/2	1	TEFC	115/230	18/9	1-1/2"	1-1/4"	16.3	4.9	7.5	12.0	4.3	N/A	8.5	2.6	2.8	54 lbs.
553A-98	C	1-1/2	3	ODP	230/460	7/4	1-1/2"	1-1/4"	14.7	4.9	7.5	12.0	4.3	N/A	8.5	2.6	2.8	40 lbs.
553B-98	C	1-1/2	3	TEFC	230/460	5/3	1-1/2"	1-1/4"	15.4	4.9	7.5	12.0	4.3	N/A	8.5	2.6	2.8	49 lbs.
5534-98	B	2	1	ODP	115/230	28/14	1-1/2"	1-1/4"	15.1	4.9	7.5	12.0	4.3	4.6	8.5	2.6	2.2	47 lbs.
5535-98	B	2	1	TEFC	115/230	22/11	1-1/2"	1-1/4"	16.7	4.9	7.5	12.0	4.3	5.2	8.5	2.6	2.2	50 lbs.
5536-98	B	2	3	ODP	230/460	7/4	1-1/2"	1-1/4"	15.2	4.9	7.5	12.0	4.3	N/A	8.5	2.6	2.2	46 lbs.
5537-98	B	2	3	TEFC	230/460	6/3	1-1/2"	1-1/4"	15.5	4.6	7.5	12.0	4.3	N/A	8.5	2.6	2.2	54 lbs.
5530-98	A	3	1	ODP	230	18	1-1/2"	1-1/4"	16.4	4.6	7.5	12.0	4.3	4.6	8.5	2.6	2.2	56 lbs.
5531-98	A	3	1	TEFC	230	16	1-1/2"	1-1/4"	17.5	4.6	7.5	12.0	4.3	5.3	8.5	2.6	2.2	59 lbs.
5532-98	A	3	3	ODP	230/460	9/5	1-1/2"	1-1/4"	16.1	4.6	7.5	12.0	4.3	N/A	8.5	2.6	2.2	55 lbs.
5533-98	A	3	3	TEFC	230/460	8/4	1-1/2"	1-1/4"	17.0	4.9	7.5	12.0	4.3	N/A	8.5	2.6	2.2	58 lbs.

(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase motors can also operate on 50 Hz. (This will change Full Load Amps, Service Factor and RPM)

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)



Standard Features

- Stainless Steel Construction
- Investment Cast Stainless Steel Impeller
- Viton® Mechanical Seal and O-Ring (Buna Seal and O-ring optional)
- Cast Iron Motor Adapter Provides Rigid Mounting
- AeroSpace Fusion Welding
- Stainless Steel Hardware
- NEMA 56J ODP & TEFC Single & Three Phase Motors
- 1/2 to 3 HP Models Available
- NEMA Base Mounted Motors
- Stainless Steel Motor Shaft
- Max. Working Pressure up to 150 PSI
- Max. Temperature 200° F
- "Off-the-Shelf" Availability for Many Models

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OFF THE SHELF
PUMPS

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See price book page 34

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

CP87-88/0706



INDUSTRIAL DUTY

Straight Centrifugal Pedestal Pumps

- **Available in: 300 Series Investment Cast Stainless Steel, Cast Bronze or Stainless Steel Fitted Cast Iron Construction (See Specification Section for Specific Model Availability)**
- **Mechanical Seal**

Stainless Steel	Viton®
Cast Bronze	Viton®
Cast Iron	Buna-N
- **Optional Silicon Carbide Seals Available**
- **3/4" to 1-1/2" NPT Suction Ports**
- **1/2" to 1-1/4" NPT Discharge Ports**
- **Maximum Temperature**

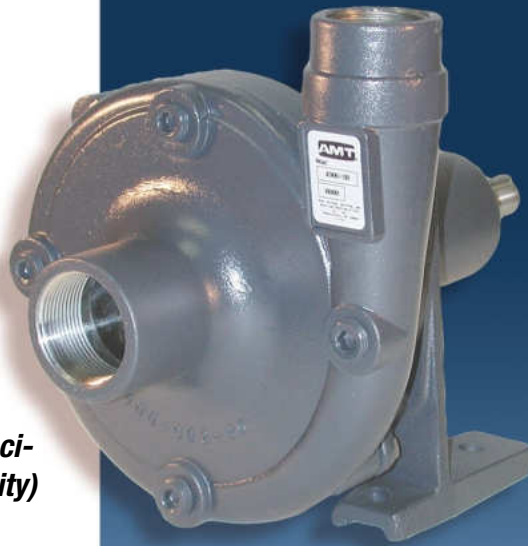
Buna-N	180° F
Viton®	200° F
- **Maximum 4000 RPM**
- **High Head Models 4897 & 4906 for High Pressure/Booster Applications**
- **General Service Models 3682, 3694 & 3704 for Low Pressure Applications**

AMT Straight Centrifugal Pedestal pumps are designed for continuous-duty OEM, Industrial/Commercial and processing applications including circulation, chemical processing, liquid transfer, heating and cooling. The high head models are ideal for sprinkler systems and pressure boosting.

These units are available in a variety of construction and seal materials. Pull-from-the-rear design permits easy servicing without disturbing any piping. Pedestals feature CNC machined shafts with sealed ball bearings. Models 4897 and 4906 pedestal drive are epoxy coated and include stainless steel shafts.

AMT Straight Centrifugal Pedestal pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials.

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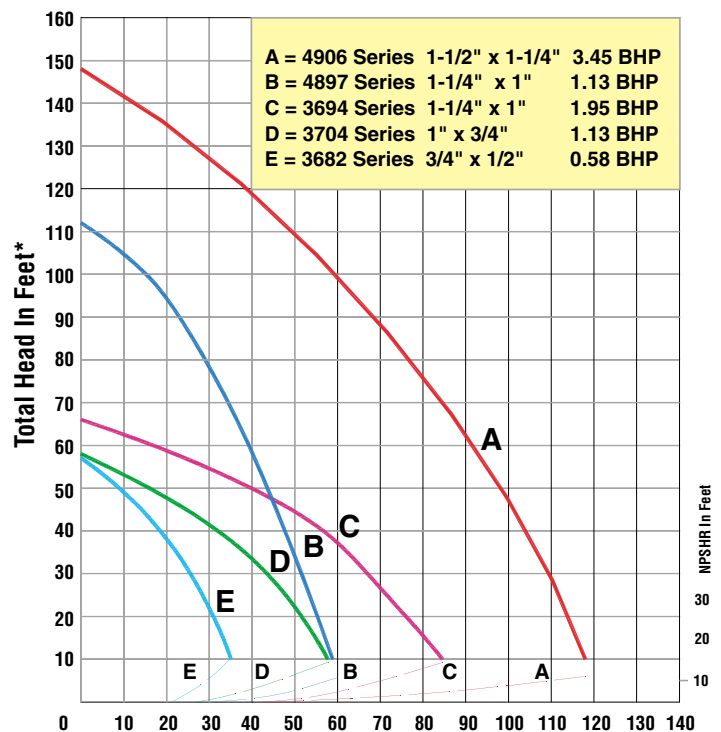


High Head Pedestal



Straight Centrifugal Pedestal

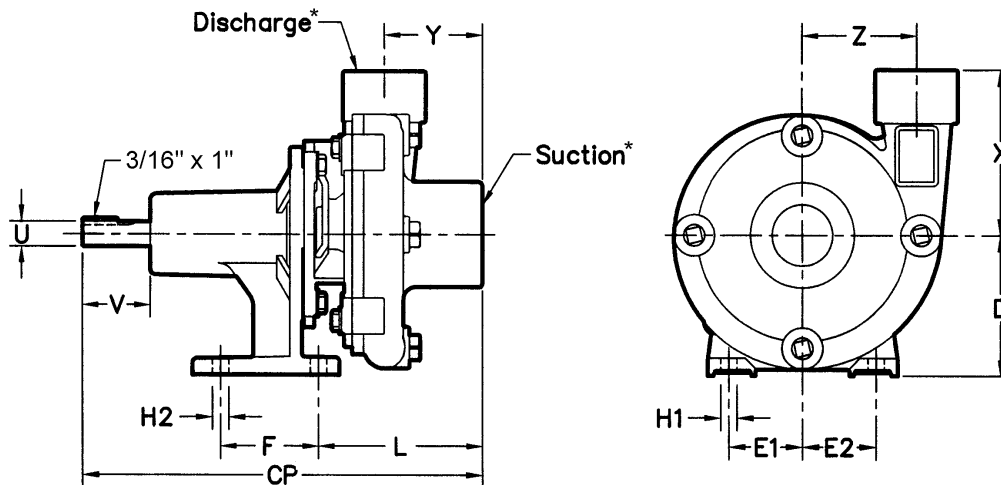
Performance of Straight Centrifugal Pedestals



Capacity in US Gallons Per Minute @ 3450 RPM

*Convert to PSI, divide by 2.31 Liquid-Water specific gravity 1.0

Straight Centrifugal Pedestal Pumps



Pump Dimensional Data

† Model No.	Curve	SUC*	DIS*	CP	D	E1	E2	F	H1	H2	L	U	V	X	Y	Z	Min. BHP Required @3450 RPM	(-95) † Cast Iron Ship Wt.	(-97)† Bronze Ship Wt.	(-98)† S. Steel Ship Wt.
GENERAL SERVICE MODELS																				
3682	E	3/4"	1/2"	6.6	3.2	1.5	1.5	N/A	0.3	0.3	3.0	5/8	1.3	1.9	1.4	1.9	0.58	9 Lbs.	10 Lbs.	9 Lbs.
3704	D	1"	3/4"	6.7	3.2	1.5	1.5	N/A	0.3	0.3	3.0	5/8	1.3	2.4	1.4	2.1	1.13	10 Lbs.	11 Lbs.	10 Lbs.
3694	C	1-1/4"	1"	6.7	3.2	1.5	1.5	N/A	0.3	0.3	3.0	5/8	1.3	2.5	1.3	2.0	1.95	12 Lbs.	13 Lbs.	12 Lbs.
HIGH HEAD MODELS																				
4897	B	1-1/4"	1"	11.5	4.2	2.2	2.2	3.0	0.5	0.5	4.4	3/4	1.9	4.8	2.1	3.3	1.13	34 Lbs.	38 Lbs.	34 Lbs.
4906	A	1-1/2"	1-1/4"	12.1	4.2	2.2	2.2	3.0	0.5	0.5	4.9	3/4	1.9	4.9	3.0	3.5	3.45	36 Lbs.	40 Lbs.	36 Lbs.

(*) Standard NPT (female) pipe thread.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

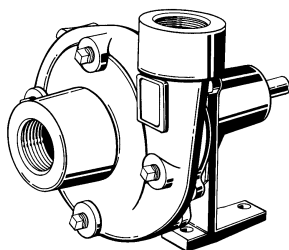
† When Ordering Add the Correct-9x Suffix to Model Number Indicating Material Selection (ex: 3682-95)

XCI (-95)=Cast Iron Construction with SS Impeller and Buna-N Seals, Max. Temperature 180°F

XB (-97)=Cast Bronze Construction with Viton® Seals, Max. Temperature 200°F

XSS (-98)=Stainless Steel Construction with Viton® Seals, Max. Temperature 200°F

Standard Features



- Stainless Steel Fitted Cast Iron, Cast Bronze or 300 Series Investment Cast Stainless Steel Construction
- 3/4" to 1-1/2" NPT Suction Ports
- 1/2" to 1-1/4" NPT Discharge Ports
- Maximum Working Pressure

General Service	75 PSI
High Head	150 PSI
- Self-cleaning Impellers on General Service Models
- Maximum Temperature

Buna-N	180° F
Viton®	200° F
- Maximum Flow 118 GPM
- Maximum Head 148 ft.
- Discharge Port Rotates in 90° Increments on High Head Units
- Epoxy Coated Pedestal Drive on High Head Models



Heavy Duty Straight Centrifugal Pumps

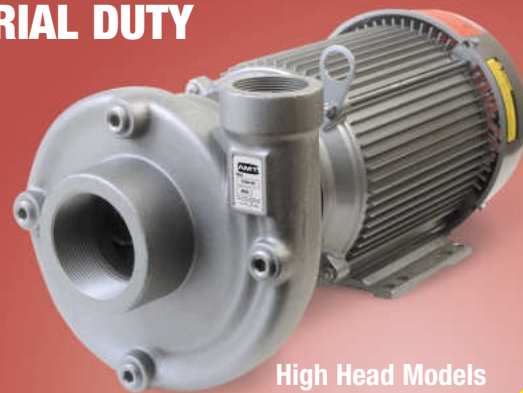
- Available in: **300 Series Investment Cast Stainless Steel, Cast Bronze and Cast Iron with Stainless Steel Impeller Construction**
- **2 HP to 15 HP NEMA Motors, Single and Three Phase**
- **Type 21 Buna-N Mechanical Seal and O-Ring on Cast Iron Models**
- **Type 21 Viton® Mechanical Seal and O-Ring on Stainless Steel and Bronze Models**
- **Optional Silicon Carbide Seals Available**
- **Optional Mounting Base Available**
- **High Flow and High Head Designs**
- **Flanged or NPT Connections**
- **Maximum Temperature**
 Viton®: 200° F
 Buna-N: 180° F
- **Front Drain Plugs Located 90° Apart**
- **Maximum Head 194 Ft. (100 PSI)**
- **Maximum Flow 500 GPM**
- **Maximum Working Pressure 150 PSI**

AMT Heavy Duty Straight Centrifugal pumps are suited for liquid and chemical transfer, heating and cooling, recirculation, booster service and other industrial applications. Stainless Steel units are especially effective in applications where rust and/or corrosion can develop in systems. Semi-open impeller features self-cleaning ability that makes the unit useful in applications involving muddy or dirty liquids, as well as clean, clear fluids. Discharge position can be adjusted in 90° increments, with vent and drain plugs for all positions. Type 21 mechanical seal and O-ring casing seal. Pumps are close coupled to Totally Enclosed Fan Cooled motors (TEFC). **Pumps are not self-priming and require flooded suction.**

AMT Heavy Duty Straight Centrifugal pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

Viton® is a registered trademark of E.I. DuPont

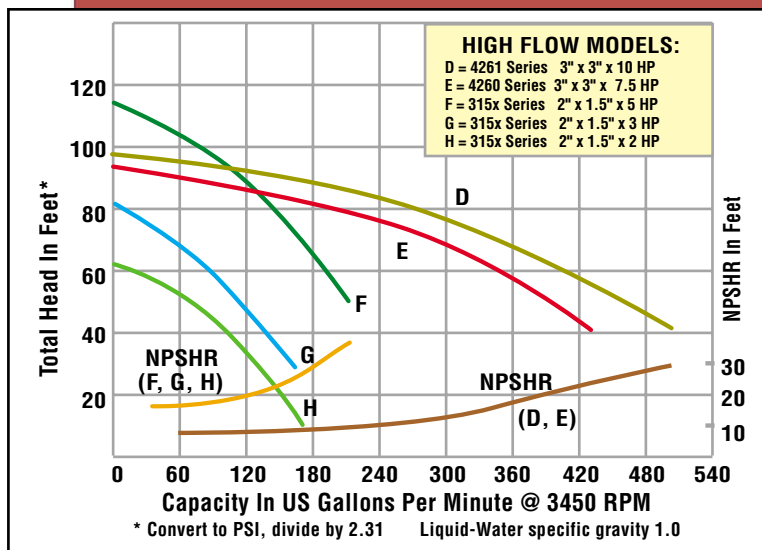
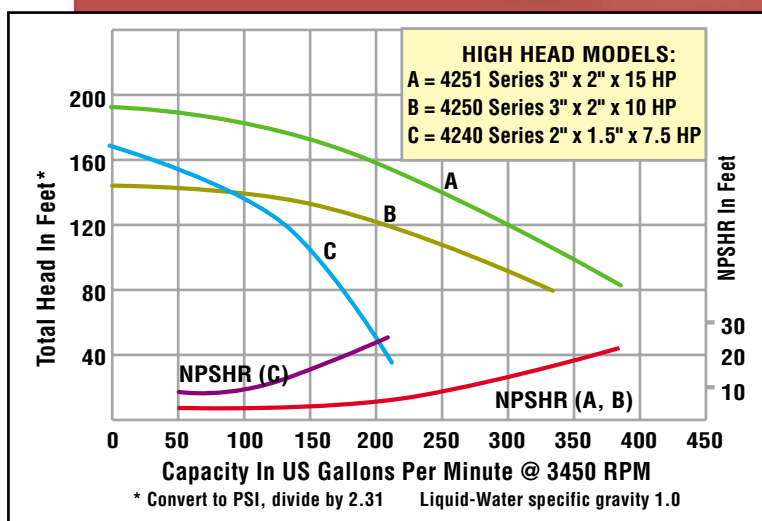
INDUSTRIAL DUTY



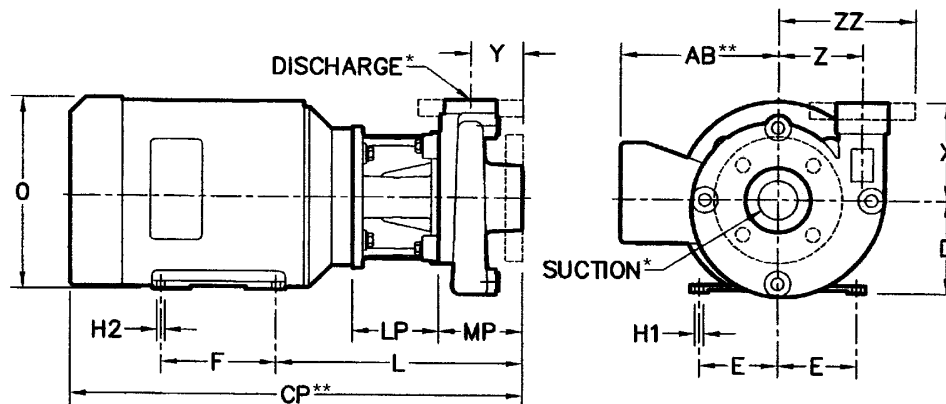
High Head Models



High Flow Models



Heavy Duty Straight Centrifugal Pumps



Pump Dimensional & Specification Chart

Model No.	Curve	HP	PH	Frame	ENC	Voltage @ 60 Hz	Full Load Amps	Connect Type	SUC*	DIS*	AB**	CP**	D	E	F	H1	H2	L	LP	MP	O	X	Y	Z	ZZ	Ship Weight (Lbs)		
																										XB -94	XCI -95	XSS -98
3150	H	2	3	145JM	TEFC	230/460	6/3	NPT	2"	1-1/2"	6.1	17.6	3.5	2.8	5.0	0.3	0.3	10.4	4.1	4.0	7.1	4.8	2.5	4.0	N/A	76	78	69
3151	G	3	3	182JM	TEFC	230/460	8/4	NPT	2"	1-1/2"	7.5	21.6	4.5	3.8	4.5	0.4	0.4	12.7	4.1	4.0	9.3	4.8	2.5	4.0	N/A	90	98	83
3152	F	5	3	184JM	TEFC	230/460	17/9	NPT	2"	1-1/2"	7.5	21.6	4.5	3.8	5.5	0.4	0.4	11.8	4.1	4.0	9.3	4.8	2.5	4.0	N/A	104	108	100
3154	G	3	3	182JM	TEFC	230/460	8/4	FLG	2"	1-1/2"	7.5	21.6	4.5	3.8	4.5	0.4	0.4	12.7	4.1	4.0	9.3	4.8	2.5	4.0	6.5	N/A	106	N/A
3155	F	5	3	184JM	TEFC	230/460	17/9	FLG	2"	1-1/2"	7.5	21.6	4.5	3.8	5.5	0.4	0.4	11.8	4.1	4.0	9.3	4.8	2.5	4.0	N/A	N/A	117	N/A
3156	H	2	1	56J	TEFC	115/230	22/11	NPT	2"	1-1/2"	4.6	17.7	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	8.7	4.8	2.5	4.0	N/A	65	65	65
3157	H	2	3	56J	TEFC	230/460	6/3	NPT	2"	1-1/2"	4.9	16.6	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	7.1	4.8	2.5	4.0	N/A	64	64	64
315A	G	3	1	56J	TEFC	230	16	NPT	2"	1-1/2"	4.9	18.6	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	8.8	4.8	2.5	4.0	N/A	75	75	75
315B	G	3	3	56J	TEFC	230/460	8/4	NPT	2"	1-1/2"	4.9	18.1	3.5	2.4	3.0	0.9	0.3	8.6	2.0	4.0	7.1	4.8	2.5	4.0	N/A	74	74	74
315E	F	5	1	184JM	TEFC	230	16	NPT	2"	1-1/2"	8.6	24.1	4.5	3.7	5.5	0.4	0.4	11.7	4.1	4.0	9.3	4.5	2.5	4.0	N/A	128	121	121
4240	C	7.5	3	184JM	TEFC	230/460	22/11	NPT	2"	1-1/2"	7.5	21.4	4.5	3.8	5.5	0.4	0.4	11.5	3.5	4.4	9.3	5.9	2.4	3.8	N/A	105	105	108
4250	B	10	3	215JM	TEFC	230/460	26/13	NPT	3"	2"	8.3	26.0	5.3	4.3	7.0	0.4	0.4	11.7	3.5	4.5	10.9	5.0	2.8	4.8	N/A	173	173	176
4251	A	15	3	215JM	TEFC	230/460	47/24	NPT	3"	2"	8.3	26.0	5.3	4.3	7.0	0.4	0.4	12.5	3.5	4.5	10.9	5.0	2.8	4.8	N/A	190	190	195
4260	E	7.5	3	184JM	TEFC	230/460	22/11	NPT	3"	3"	7.5	22.4	4.5	3.8	5.5	0.4	0.4	12.5	4.1	4.8	9.3	6.5	2.8	4.5	N/A	N/A	122	117
4261	D	10	3	215JM	TEFC	230/460	26/13	NPT	3"	3"	8.3	26.9	5.3	4.3	7.0	0.4	0.4	12.5	4.1	4.8	10.9	6.5	2.8	4.5	N/A	N/A	180	180

(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase motors can also operate on 50 Hz. (This will change the Full Load Amps, Service Factor and RPM)

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating(Ex. 230V $\pm 10\%$ = 207 to 253)

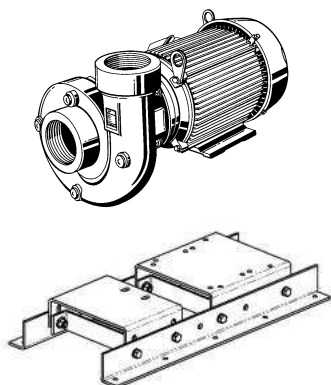
NPT= Threaded, FLG= Flanged (125 Lb)

† When Ordering Add the Correct-9x Suffix to Model Number Indicating Material Selection (ex: 3150-95)

XCI (-95)=Cast Iron Construction with Stainless Steel Impeller and Buna-N Seals, Max. Temperature 180°F

XB (-94)=Bronze Construction with Stainless Steel Impeller, Buna N Seals, Max. Temperature 180°F

XSS (-98)=Stainless Steel Construction with Viton® Seals, Max. Temperature 200°F



**Optional Mounting Base
Model # A200-90**

Standard Features

- Stainless Steel, Naval Bronze & Cast Iron Construction
- Self-cleaning Impeller
- Discharge Rotates in 90° Increments
- Buna-N or Viton® Mechanical Seal and O-Rings depending on Models, Optional Silicon Carbide Available
- Maximum Working Pressure to 150 PSI
- Stainless Steel Hardware
- Max. Temperature 200° F (Viton®), 180° F (Buna-N)
- NEMA TEFC Single and Three Phase Motors Depending on the Model
- Optional Seal Wash Port and Hose is Available on All Models
- Stainless Steel Motor Shaft
- "Off-the-Shelf" Availability for Many Models
- Optional Mounting Base Available for 182/184/215 JM Frames (Reference Pgs 41-42)
- Pedestal Version Models Available for Frame Models 145/182/184JM



Industrial/Commercial Sump Pumps

- **Stainless Steel, Bronze and Cast Iron Construction**
- **Stainless Steel Floats**
- **Carbon Bearings**
- **Stainless Steel Shafts**
- **29" - 44" Column Height**
- **1-1/4", 1-1/2" or 2" NPT Discharge**
- **Maximum Temperature 200° F**
- **Maximum Head 30 Ft.**
- **Maximum Flow 103 GPM**
- **Semi-open, Clog Resistant Impellers**
- **Available with Totally Enclosed Fan Cooled (TEFC) 1/3, 1/2 and 3/4 HP 115VAC, Single Phase Motors**



The AMT line of Industrial/Commercial Sump pumps is designed for heavy duty commercial applications, as well as residential use where a combination of durability and high performance is required. AMT Sump pumps are available in Stainless Steel, Bronze and Cast Iron constructions with TEFC motors in 1/3 through 3/4 HP for proper pump selection in most applications. All models include stainless steel shaft, screen and float. All motors are fitted with automatic switch and an 8 foot 16/3 115VAC line cord. Pumps require minimum sump pit of 18" diameter and 24" depth. SSPMA certified. UL Listed (E85176)

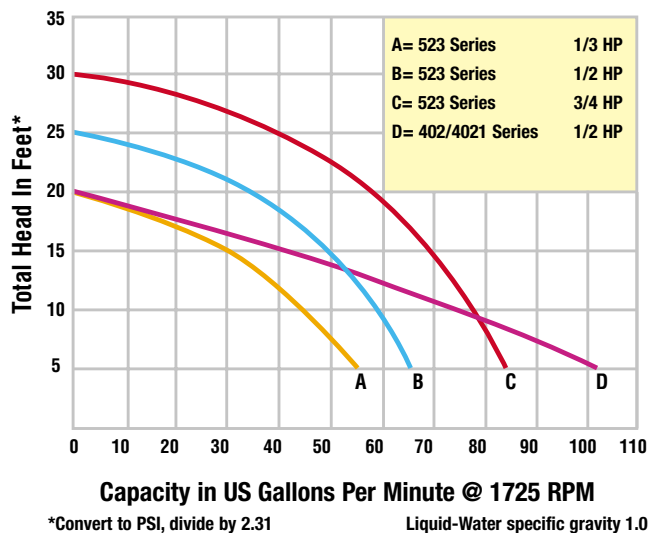
AMT Industrial/Commercial Sump pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

INDUSTRIAL DUTY



Stainless Steel
TEFC Model Sump Pump

Performance of Industrial/Commercial Sump Pumps



Industrial/Commercial Sump Pumps

† Model #	Curve	HP	PH	Motor Type	Voltage @ 60 Hz	Full Load Amps	A * NPT	B	C	D	E	F	G	H	J	CH	† XCI (-95)	† XB (-97)	† XSS (-98)
5239	A	1/3	1	TEFC	115	7	1-1/2"	10.8	4.2	6.6	7.0	5.0	39	3.1	4.6	29	36 Lbs	36 Lbs	36 Lbs
523A	A	1/3	1	TEFC	115	7	1-1/2"	10.8	4.2	6.6	7.0	5.0	50	3.1	4.6	41	38 Lbs	36 Lbs	38 Lbs
523C	B	1/2	1	TEFC	115	9	1-1/2"	10.8	4.2	6.6	7.0	5.0	38	3.1	4.6	29	NA	NA	39 Lbs
523D	B	1/2	1	TEFC	115	9	1-1/2"	10.8	4.2	6.6	7.0	5.0	50	3.1	4.6	41	NA	NA	41 Lbs
523F	C	3/4	1	TEFC	115	9	1-1/2"	10.8	4.2	6.6	7.0	5.0	39	3.1	4.6	29	NA	NA	40 Lbs
4020+	D	1/2	1	TEFC	115	9	2"	12.1	4.6	7.4	7.3	6.2	41	5.6	5.5	32	50 Lbs	NA	NA
4022+	D	1/2	1	TEFC	115	9	2"	12.1	4.6	7.4	7.3	6.2	53	5.6	5.5	44	55 Lbs	NA	NA
4021+	D	1/2	1	TEFC	115	9	2"	12.1	4.6	7.4	7.3	6.2	41	5.6	5.5	32	NA	NA	49 Lbs

*NPT: National Pipe Thread

+ Handles Solids up to 3/4"

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

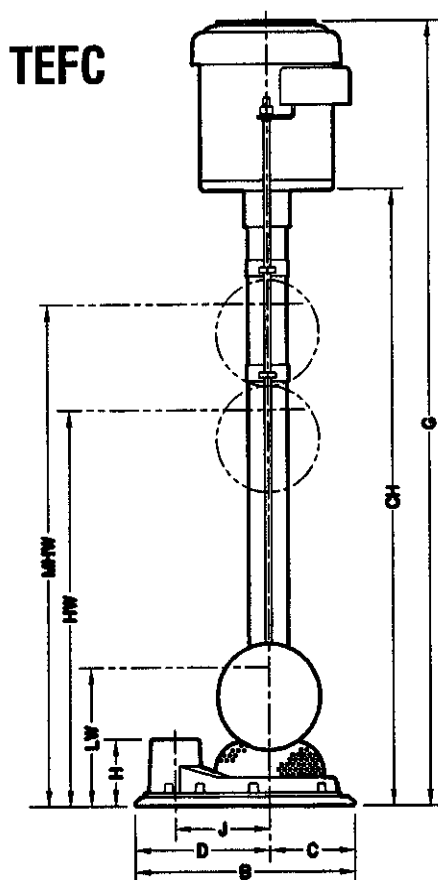
NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (Ex. 230V $\pm 10\%$ = 207 to 253)

† **When Ordering Add the Correct-9x Suffix to Model Number Indicating Material Selection (ex: 5239-95)**

XCI (-95)=Cast Iron Construction with SS Impeller, Max. Temperature 200°F

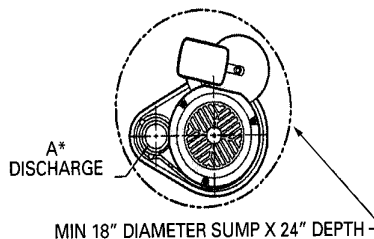
XB (-97)=Cast Bronze Construction with SS Impeller, Max. Temperature 200°F

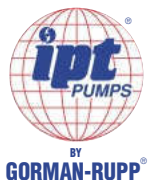
XSS (-98)=Stainless Steel Construction with with SS Impeller, Max. Temperature 200°F



Standard Features

- Stainless Steel Screen and Float
- Semi-open, Clog Resistant Impellers
- 1/3, 1/2 or 3/4 HP TEFC 115V Single Phase Motors
- 8' 16/3 115V AC Line Cord
- Maximum Head 30 ft.
- Maximum Flow 103 GPM
- Stainless Steel Shaft
- Carbon Bearings
- 29" to 44" Column Height
- Maximum Temperature 200° F
- Solids Handling Design up to 3/4" Diameter (25% Max. Solids)
- "Off-the-Shelf" Availability for Many Models





Submersible Pumps & Float Switches

**1.5 inch and 2 inch Pumps,
1/3 HP to 1 HP:**

- **Light Weight Slim Design**
- **Thermal Overload Protected**
- **Lower Seal: Silicon-carbide, Viton®
Upper Seal: Carbon Ceramic, Viton®**
- **Oil Lubricated Seals, Nitrile O-rings**
- **Cast Iron Impeller, Top, Pump End**
- **304 Stainless Steel Casing, Motor Housing,
Shaft and Hardware**
- **Long Power Cables-30 ft. On 1/3 HP &
1/2 HP and 50 ft. On 1 HP**
- **Optional Piggyback Mercury-free
Float Switches**



1 1/2XT33, 2XH5, 2X11

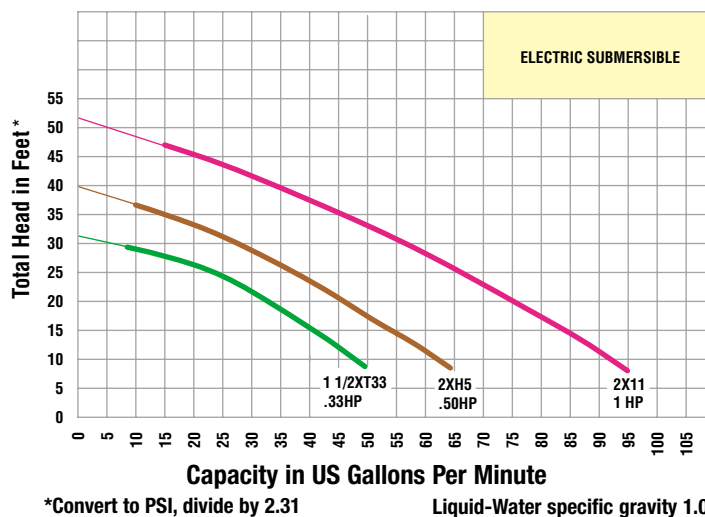


Piggyback Float Switch 55-930

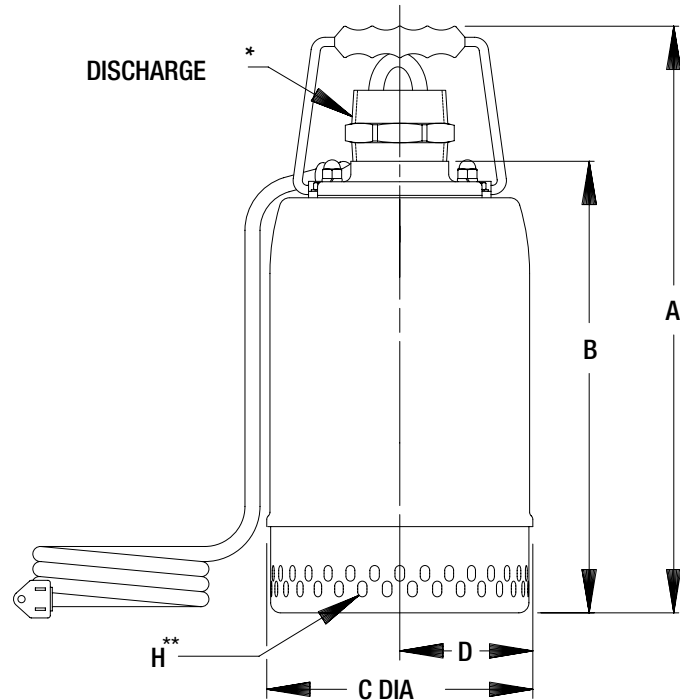
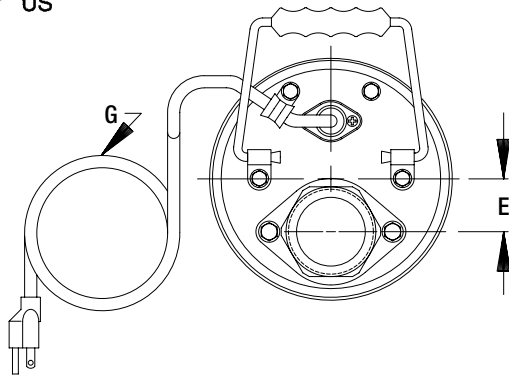
Slim-design, light weight CSA listed submersibles feature top discharge as well as cast-iron impellers, 304 stainless steel casing, motor housing, shaft and hardware. Pump motor is thermal overload protected. An optional piggyback mercury-free float switch is available. Float Switches: The mercury free liquid level control has a piggyback plug molded to the cord allowing the pump motor to plug into the cord and then plug the entire assembly into a standard grounded outlet.

Viton® is a registered trademark of E.I. DuPont

Performance of Submersible Pumps



Submersible Pumps & Float Switches



** Minimum Liquid Height 3"

DIMENSIONS:
INCHES
[MILLIMETERS]

MODEL	A	B	C	D	E	DISCH *	G CABLE LENGTH	H ** SUCTION STRAINER
11/2XT33	14.50 [368.3]	11.25 [285.8]	6.66 [169.2]	3.33 [84.6]	1.44 [36.6]	1.50	30.00 FT/[9.1 M]	.39/[9.9] X .24/[6.1] SLOTS ON .31/[7.9] STAGGERED CENTERS
2XH5	14.50 [368.3]	11.13 [282.7]	6.66 [169.2]	3.33 [84.6]	1.44 [36.6]	2.00	30.00 FT/[9.1 M]	.39/[9.9] X .24/[6.1] SLOTS ON .31/[7.9] STAGGERED CENTERS
2X11	17.12 [434.8]	13.75 [349.2]	7.55 [191.8]	3.80 [96.5]	1.64 [41.6]	2.00	50.00 FT/[15.2 M]	.25/[6.4] X .38/[9.6] SLOTS ON .50/[12.7] STAGGERED CENTERS

(*) STANDARD NPT (MALE) PIPE THREAD.

(**) Minimum Liquid Height 3"

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	VAC or Tank Size (Qts.)	FL Amps
11/2XT33	Submersible Pump	30	1/3 HP	1.5"	Stainless Steel/Cast Iron	115V	2.8
2XH5	Submersible Pump	31	1/2 HP	2"	Stainless Steel/Cast Iron	115V	5.4
2X11	Submersible Pump	50	1 HP	2"	Stainless Steel/Cast Iron	115V	9.3
55-930	Float Switches—30 ft.*					115V	13
55-950	Float Switches—50 ft.*					115V	20

*Float Switches: 55-930 Electrical rating 115/13 Amps. 30 ft. 16 ga. Cord. Used on Model 1½XT33 and 2XH5 Pumps. 55-950 Electrical rating 115/20 Amps. 50 ft. 14 ga. Cord. Used on Model 2X11

Submersible Pump Standard Features

- Light Weight slim design
- Motors Protected by overload or thermal breaker
- Lower seal—silicon-carbide, upper seal-carbon ceramic, Viton®
- Oil lubricated seals
- Cast iron impeller, top, pump end
- 304 Stainless steel casing, motor housing, shaft and hardware
- Long power cables—30 ft. on 1/3 HP & 1/2 HP and 50 ft. on 1 HP
- Optional piggyback mercury-free float switches
- Nitrile O-rings

Float Switch Standard Features

- Mercury-Free
- No Wiring
- Adjustable Clamp
- Corrosion Resistant
- Proven Reliability
- Omni Directional
- Variable Pumping Range
- Easily Installed

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 39

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



CP95-96/1006



Submersible Drainage/Sump Utility Pump

- **Stainless Steel, Cast Iron and Plastic Construction**
- **Built-in Thermal Protection**
- **Triplex Seal System; Double Mechanical Seals Plus Shaft Seal**
- **Automatic Float Switch Included (Except SS Model 5780-98)**
- **115 VAC UL/SJT Cord w/3 Prong Plug**
- **U.L./CSA Listed**
- **1/8 to 1/2 HP**
- **1" to 2" NPT Port Sizes**
- **Max Temperature 104° F**
- **Clog Resistant Impellers**



AMT Submersible Sump Pumps are designed for many applications including sump pits, drainage pits, overflow tanks, basements, dewatering, excavation, grain elevators, construction drainage, cooling towers and other applications requiring clear water removal. AMT submersible pumps (except SS model 5780-98) include automatic float switch, thermal overload protector and suction screen.

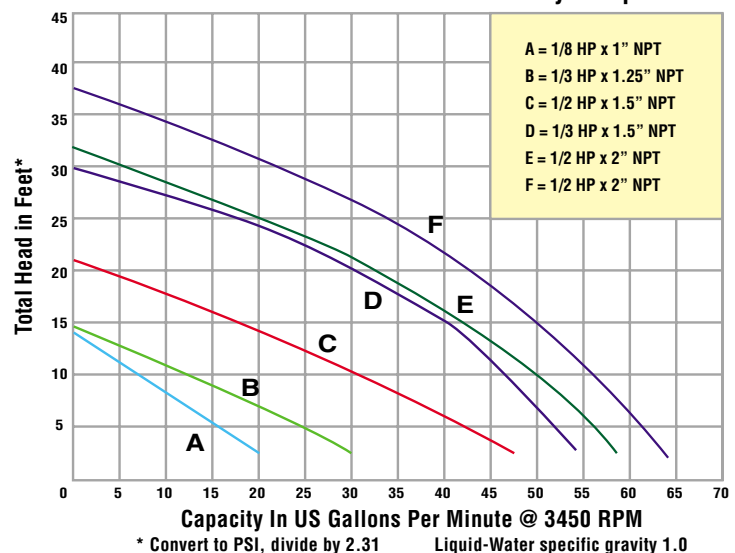
AMT Submersible Utility Pumps are reliable, cost effective, low maintenance and many are readily available "Off-the-shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

INDUSTRIAL DUTY



Model 5792-95

Performance of Submersible Utility Pumps



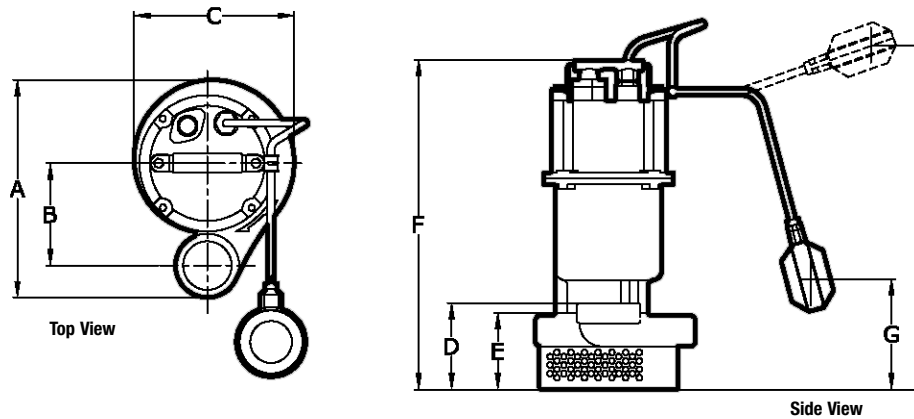
Submersible Drainage/Sump Utility Pumps

Model	CURVE	HP	PORT *NPT	CONSTRUCTION MATERIALS	TYPE	SHIP WT.	VAC@ 60Hz	AMPS	CORD LENGTH
5800-99	A	1/8	*1.0"	Plastic	Utility	11 lbs	115	1.5	12 ft.
5810-99	B	1/3	*1.25"	Plastic	Vortex	13 lbs	115	3.0	12 ft.
5811-99	C	1/2	*1.5"	Plastic	Vortex	15 lbs	115	4.9	12 ft.
5790-95	D	1/3	1.5"	Cast Iron	Drainage	35 lbs	115	4.2	20 ft.
5780-98	E	1/2	2"	Stainless Steel	Drainage	26 lbs	115	5.0	20 ft.
5792-95	F	1/2	2"	Cast Iron	Drainage	42 lbs	115	6.9	20 ft.

NOTE: Electric supply for ALL motors must be with \pm 10% of nameplate voltage.

*Supplied with Hose Connection

Pump Dimensional and Specification Data



Model	Screen	A	B	C	D	E \pm	F	G	H
5800-99	1/8" x 1/8"	N/A	1.3	5.7	9.2	2.0	9.7	3.0	13
5810-99	1/2" x 1-1/2"	9.2	5.4	6.3	4.6	3.2	11.6	3.0	13
5811-99	1/2" x 1-1/2"	9.4	5.5	6.3	4.6	4.2	12.6	3.0	13
5790-95	1/4" Dia.	8.9	4.4	6.3	3.9	3.2	13.8	3.4	15.8
5780-98	3/16" Dia.	8.19	4.0	5.63	4.0	3.15	15.0	N/A	N/A
5792-95	1/4" Dia.	10.0	4.8	7.5	3.9	3.4	15.3	3.6	17.8

NOTE: Dimensions are in inches and have a tolerance of \pm 1/8"
 \pm Minimum Liquid Height



Standard Features

- UL/CSA Listed
- Automatic Float Switch (except SS Model 5780-98)
- Double Mechanical Seal Construction
- 580 Series; Plastic Submersibles Include Hose Adapters
- 104° F Max Temperature
- Suction Screen
- 115 VAC UL/SJTW Cord w/3 Prong Plug
- Carry Handle Built In
- Thermal Protection (except SS model 5780-98)



**NEW
FOR
2009**

12 Volt DC Aluminum Submersible Pump

AMT Model 5890-DC

- *Aluminum Construction with Cast Iron Impeller*
- *1/3 HP, 12 Volt DC 30 Amp Motor*
- *1-1/2" NPT Discharge*
- *Buna-N Mechanical Seal with Carbon and Ceramic Faces*
- *Operates Approximately 60 Minutes on Fully Charged 55 Amp-Hour Battery*
- *Built-In Carry Handle*
- *Steel Strainer Built into Pump*
- *Overload Protection*
- *On/Off Switch*
- *Max Flow: 42 GPM*



5890-90

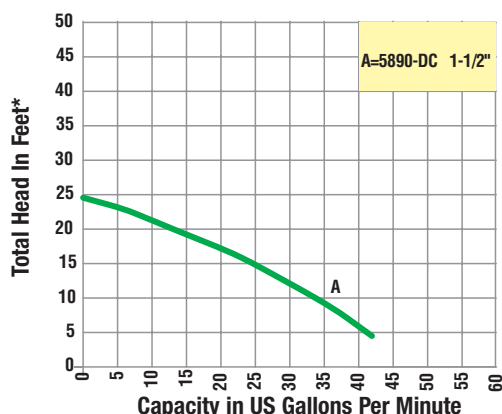
The AMT Submersible 12VDC Pump is designed for use in dewatering applications where limited or no electricity is present and for emergency back-up during power failure. The pump weighs 33 lbs and is constructed of aluminum with cast iron impeller. Unit comes assembled with 30 foot power cord, which has battery clips for easy attachment to 12 volt battery. AMT's 12V DC Submersible Pump is available "Off the Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.

INDUSTRIAL DUTY



Model 5890-DC

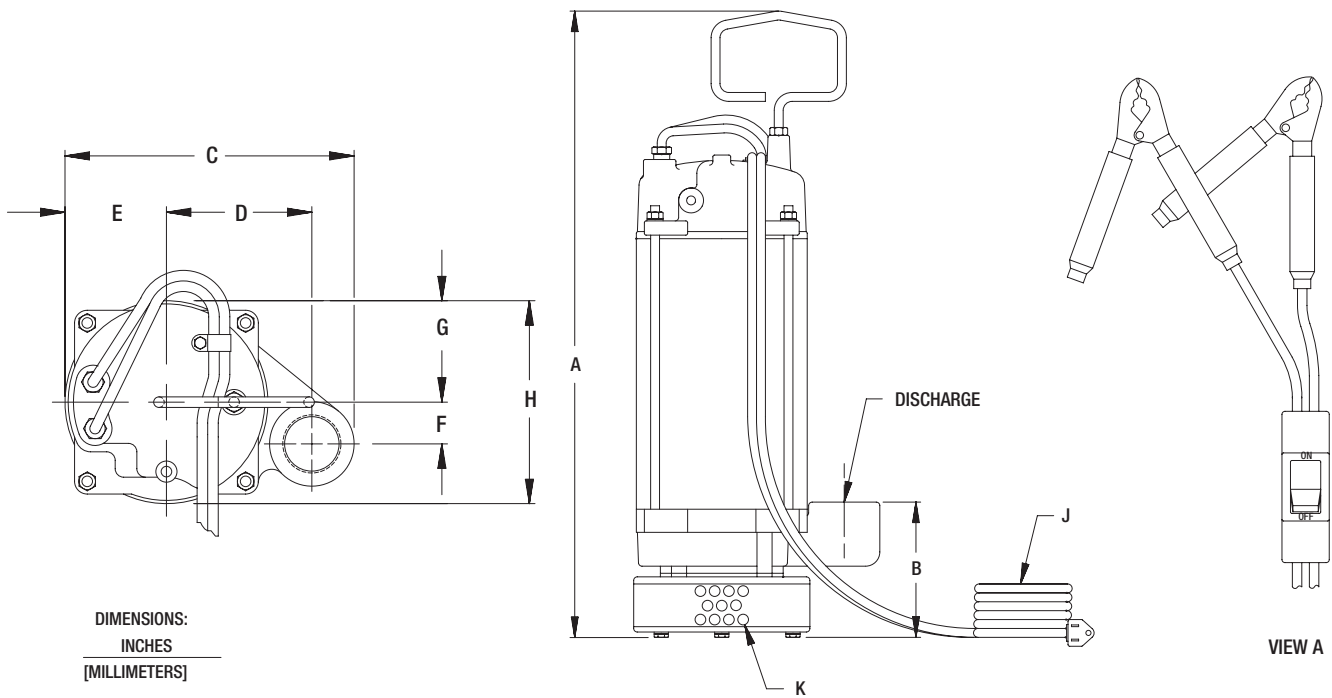
Performance of 12VDC Submersible Pump



*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

Electric Submersible Pumps



MODEL	A	B	C	D	E	F	G	H	DISCH	J CABLE LENGTH	K SUCTION STRAINER
5890-DC	22.00 [558.8]	4.75 [120.6]	8.55 [217.2]	4.30 [109.2]	3.00 [76.2]	1.23 [31.2]	3.00 [76.2]	6.00 [152.4]	1.50*	**30.00 FT/[9.1 M]	.38/[9.5] DIA. HOLES LOCATED ON .50/[12.7] STAGGERED CENTERS.

(*) STANDARD NPT (FEMALE) PIPE THREAD.

(**) 2-CONDUCTOR #8 POWER CABLE NEOPRENE RUBBER INSULATION WITH BATTERY CLIPS. SEE VIEW A.

SUBMERSIBLE PUMPS

Standard Features 5890-DC

- Aluminum construction with cast iron impeller
- 1-1/2" NPT Discharge
- 1/3 HP, 12 VDC 30 amp motor
- Steel strainer built into pump
- 30 ft. insulated (pvc) conductor cable with battery clips
- Buna-N mechanical seal with carbon and ceramic faces
- Built-in carry handle
- Overload protected
- On/Off switch
- **"Off-the-Shelf"** availability on this model

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
5890-DC	Electric Submersible Pumps	35	Elect. Motor 1/3 hp	1.5"	Alum	Buna Carbon ceramic	12VDC	30	Alum
5890-90	Optional Carrying Case	Ship Wt 14 lbs							

*Viton® is a registered trademark of DuPont.



WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.
See price book page 41

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

CP98A-98B/1008



Submersible Shredder Sewage Pump

- **Cast Iron w/Stainless Steel Motor Housing**
- **Carbide Tipped Shredder Impellers**
- **Spiral Shredder Mechanism Plate Surface Hardened for Enhanced Cutting Ability**
- **Triplex Seal System: Double Mechanical Seals Plus Shaft Seal**
- **Silicon Carbide Lower Seal**
- **115, 230 or 460 VAC @ 60 Hz Available**
- **Single or 3 Phase Available**
- **2", 3" or 4" NPT**
- **1 to 5 Horsepower**
- **Max Temperature 104° F**
- **UL/CSA Listed**

AMT Submersible Shredder Sewage pumps feature an enhanced spiral shredder mechanism plate and carbide tipped impeller to prevent clogging and reduce maintenance when cutting through stringy, fibrous and sludge type waste. Applications include sewage pumping stations, septic tanks, sewage treatment plants, dirty water drainage, flood and emergency. Motors are rated continuous duty and single phase models have thermal overload protection.

AMT Submersible Shredder Sewage Pumps are reliable, cost effective, low maintenance and many are readily available "Off-the-shelf" for fast 24 hour shipment. Minimum liquid requirements must be above 85%. Failure to do so may cause pump damage and void warranty. For use with non-flammable liquids compatible with pump component materials.

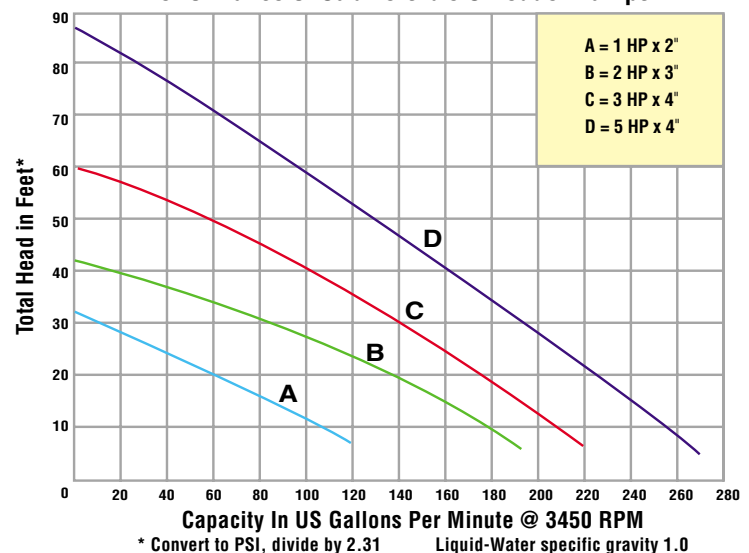
Maximum 15% Solids

INDUSTRIAL DUTY



Model 5765-95

Performance of Submersible Shredder Pumps



SUBMERSIBLE SHREDDER SEWAGE PUMPS

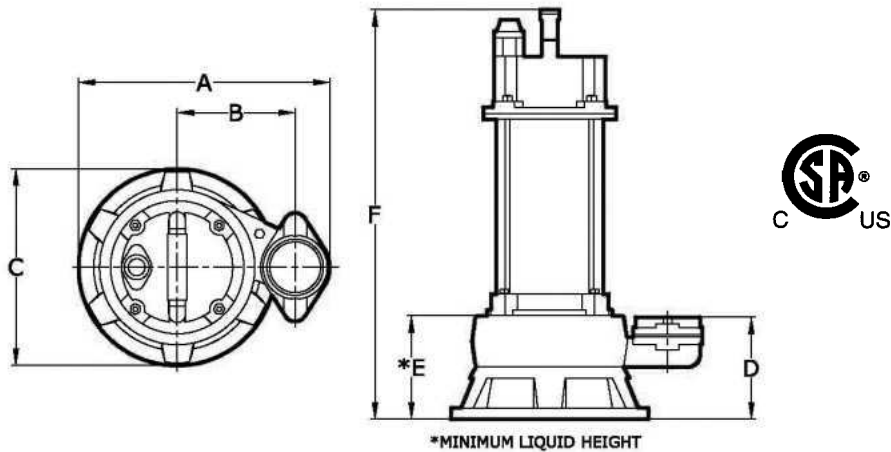
AMT P/N	Curve	Port +NPT	HP	PH	VAC @ 60 Hz	Full Load Amp	Ship Wt (Lbs)	A	B	C	D	E*	F	Max. Solids Dia.	Cord Length
5760-95	A	2"	1	1	115	13.5	50	11.5	5.4	8.9	5.8	4.6	18.5	1"	18' w/plug
5761-95	A	2"	1	1	230	6	50	11.5	5.4	8.9	5.8	4.6	18.5	1"	18'
5762-95	A	2"	1	3	230	3	50	11.5	5.4	8.9	5.8	4.6	18.5	1"	18'
576B-95	A	2"	1	3	460	1.5	50	11.5	5.4	8.9	5.8	4.6	18.5	1"	18'
5763-95	B	3"	2	1	230	12	82	14.0	6.5	10.5	6.6	5.6	21.7	1.1"	32'
5764-95	B	3"	2	3	230	6	68	14.0	6.5	10.5	6.6	5.6	17.6	1.1"	32'
576C-95	B	3"	2	3	460	3	68	14.0	6.5	10.5	6.6	5.6	17.6	1.1"	32'
5765-95	C	4"	3	1	230	16	120	16.2	7.6	10.5	6.7	5.6	22.9	1.1"	32'
5766-95	C	4"	3	3	230	8.5	105	16.2	7.6	10.5	6.7	5.6	18.9	1.1"	32'
576D-95	C	4"	3	3	460	4.3	105	16.2	7.6	10.5	6.7	5.6	18.9	1.1"	32'
5767-95	D	4"	5	3	230	14	110	16.2	7.6	10.5	6.7	5.6	19.7	1.2"	32'
576E-95	D	4"	5	3	460	7	110	16.2	7.6	10.5	6.7	5.6	19.7	1.2"	32'

+Standard Female NPT

NOTE: Dimensions are in inches and have a tolerance of $\pm 1/8"$

NOTE: Electric Supply for ALL motors must be within $\pm 10\%$ of nameplate voltage (Ex: 230V = 203 to 253)

Pump Dimensional and Specification Data



Standard Features

- Cast Iron Construction
- Stainless Steel Motor Housing
- Double Mechanical Seal with Carbide Lower Seal
- Carbide Tipped Impeller
- UL/CSA Listed
- Suction Screen
- Carrying Handle
- 104° F Max. Temperature



INDUSTRIAL DUTY

Submersible Contractor Pump

- **Cast Iron w/Stainless Steel Motor Housing**
- **Hi Chromium (HC₁) Steel Impeller and Cover for Wear Resistance and Durability**
- **Superior Motor Design for Quiet, Low Noise Operation**
- **Silicon Carbide Mechanical Seals Plus Shaft Seal**
- **3" and 4" Models Feature Companion Flange Connection**
- **230 VAC @ 60 hZ**
- **Single or 3 Phase Available**
- **2", 3" or 4" NPT**
- **1 to 7.5 Horsepower**
- **Max. Temperature 104° F**
- **UL/CSA Listed**

AMT Submersible Contractor Pumps are intended for use in residential, commercial and industrial settings. Applications include: Construction sites, waste water, storm water, farming, irrigation, excavation, mining, marine, basement and other general drainage applications involving sediment laden liquids with solids up to 3/8" in diameter.

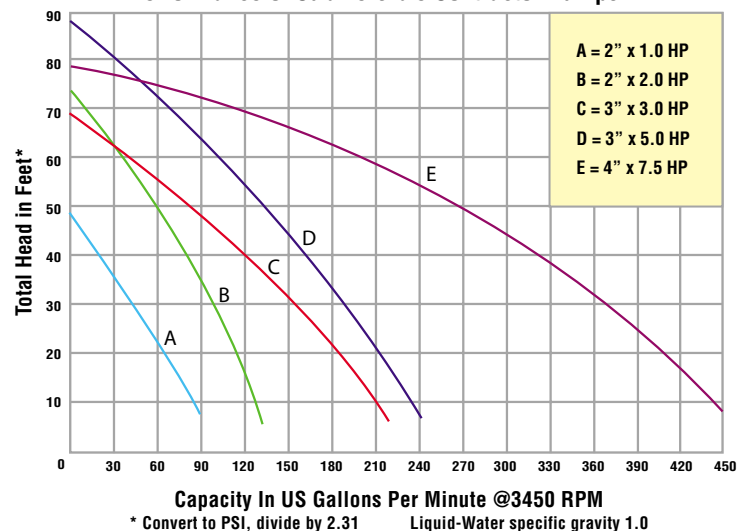
Self-cleaning impeller featuring abrasion-resistant high chromium steel construction for durability. Pumps have a 3450 RPM electric motor fitted with an unfinished power cord that requires field wiring (no controls are supplied). Motors are rated continuous duty and single phase models have thermal overload protection.

AMT Submersible Contractor Pumps are reliable, cost effective, low maintenance and many are readily available "Off-the-shelf" for fast 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.



Model 5771-95

Performance of Submersible Contractor Pumps



SUBMERSIBLE CONTRACTOR PUMPS

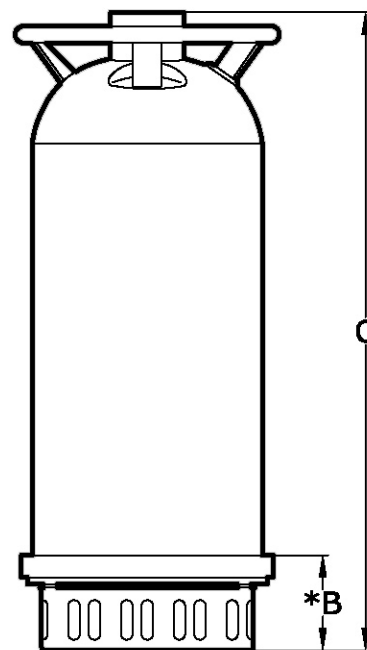
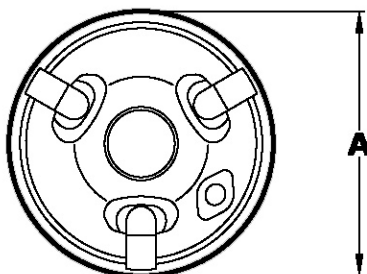
AMT P/N	Curve	Port +NPT	HP	PH	VAC @ 60 Hz	Full Load Amp	Ship Wt (Lbs)	A	B	C	Max. Solids Dia.	Cord Length
5771-95	A	2	1	1	230	7.0	51	8.3	2.8	19.3	3/8"	18'
5773-95	B	2	2	1	230	10.9	103	9.0	3.2	25.6	3/8"	32'
5777-95	C	3	3	1	230	17.2	110	9.0	3.2	26.4	3/8"	32'
577A-95	D	3	5	3	230	13.9	110	9.2	4.0	23.9	3/8"	32'
577D-95	E	4	7.5	3	230	19.4	172	10.7	5.0	28.4	3/8"	32'

+Standard Female NPT

NOTE: Dimensions are in inches and have a tolerance of $\pm 1/8"$

NOTE: Electric Supply for ALL motors must be within $\pm 10\%$ of nameplate voltage (Ex: 230V = 203 to 253)

Pump Dimensional and Specification Data



***MINIMUM LIQUID HEIGHT**

Standard Features

- Cast Iron Construction
- Hi Chromium (HC₇) Impeller and Cover
- Stainless Steel Motor Housing
- Silicon Carbide Seal with Shaft Seal
- UL/CSA Listed
- 32 Ft. Cord (No Plug)
- Suction Screen
- Carrying Handle
- 104° F Max. Temperature



See price book page 40

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

CP101-102/1006



Stainless Steel and Aluminum Electric Submersible Pumps

Models S2G54-E.5 115/1 & S2H54 E1 115/1

- 316 Stainless Steel Construction
- Built-in Carry Handle
- 2" NPT Discharge Nipple Included - 316SS
- Motors are 115vac, Single Phase and Include a 30 ft. Power Cord (PVC)
- Double Mechanical Oil Lubricated Seals With Viton® Elastomers
- Thermal Overload Protected
- Built-in Stainless Steel Strainer
- Maximum Liquid Temperature 104° F
- Maximum Flow is 87 GPM

Gorman-Rupp submersible pumps are well suited for pumping out flooded basements, pools, spas, ponds, pits, or anywhere else where the pump can be lowered into the water. The 30-foot power cord allows the pump to be lowered into areas a self-priming pump with a suction hose could not readily access. Stainless steel construction and double mechanical seal for long life and dependability.

Model S1 1/2B3-E.33 12V

- Aluminum Construction with Cast Iron Impeller
- 1/3 HP, 12 Volt DC Motor
- Operates Approximately 45 Minutes on Fully Charged 55 Amp-hour Battery
- Built-in Carry Handle
- 1-1/2" NPT Discharge
- Steel Strainer Built in to Pump
- Buna-N Mechanical Seal with Carbon and Ceramic Faces
- Overload Protected
- On/Off Switch
- Maximum Flow is 42 GPM

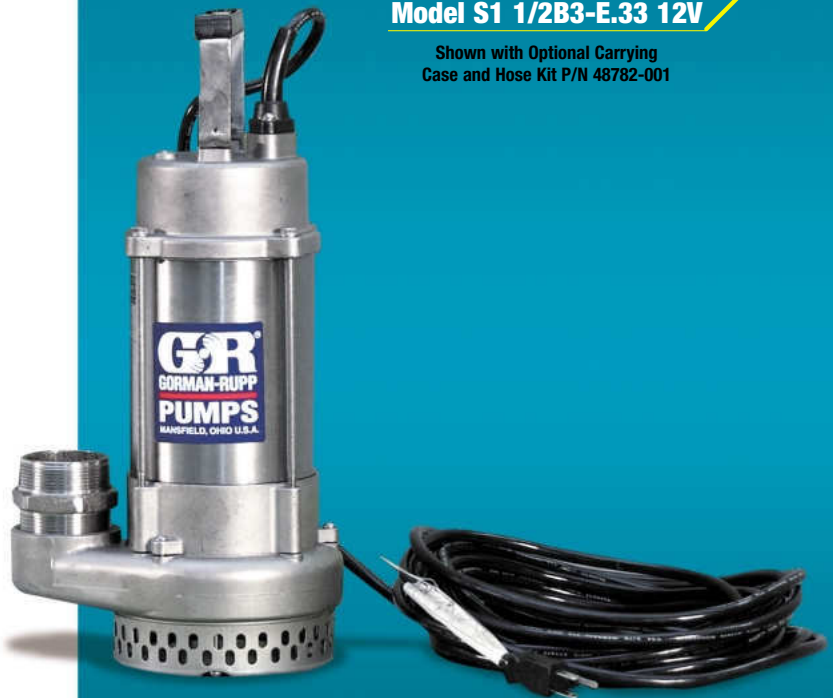
The Gorman-Rupp 12 Volt Submersible Pump is designed for use with a truck battery, as a back-up unit in the event of power failure, or for use in remote locations where electricity is not available. The pump weighs 28 pounds and is constructed of aluminum with a cast iron impeller. The 30 foot power cord has battery clips for easy attachment to a 12 volt battery. Operating time is approximately 45 minutes on a fully charged 55 amp-hour battery. Maximum flow is 42 GPM.

PREMIUM HEAVY DUTY



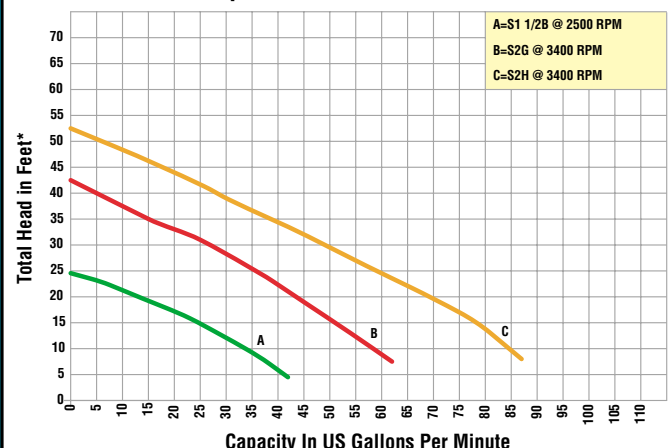
Model S1 1/2B3-E.33 12V

Shown with Optional Carrying Case and Hose Kit P/N 48782-001



Model S2G54-E.5 115/1

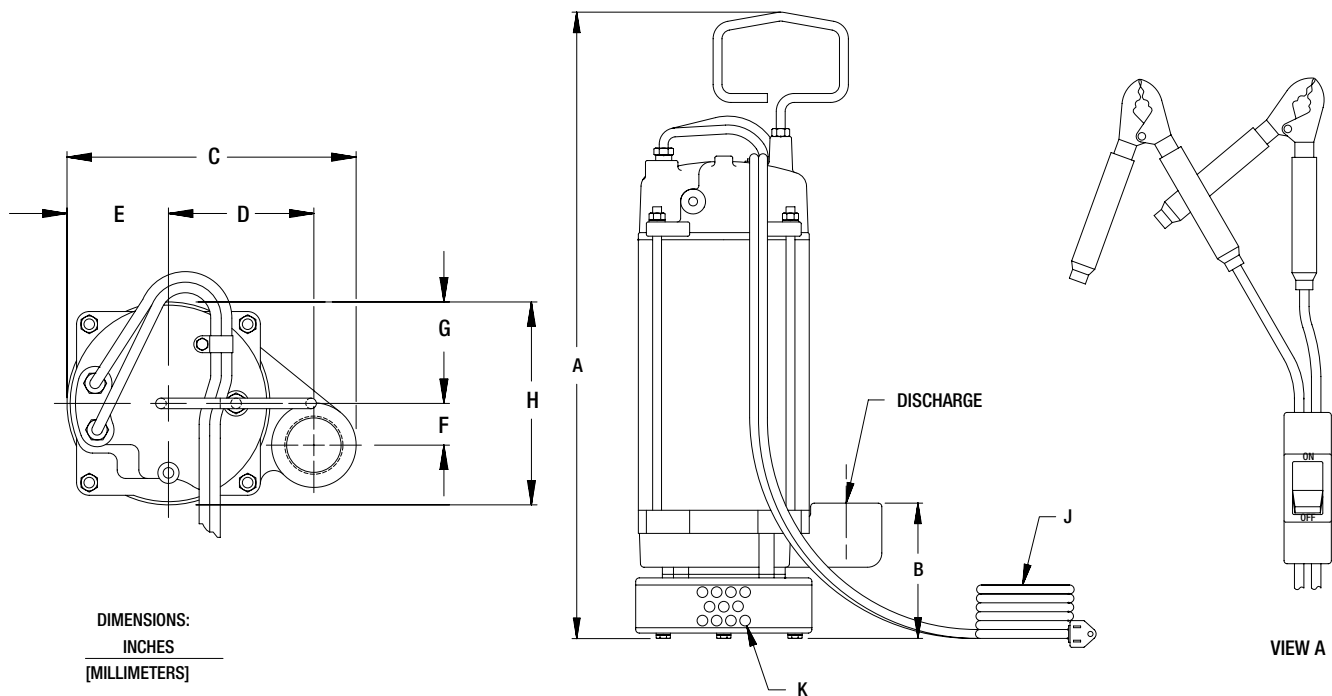
Composite of Performance Curves



*Convert to PSI, divide by 2.31

Liquid-Water specific gravity 1.0

Electric Submersible Pumps



DIMENSIONS:
INCHES
[MILLIMETERS]

MODEL	A	B	C	D	E	F	G	H	DISCH	J CABLE LENGTH	K SUCTION STRAINER
S1 1/2B3-E.33 12V	22.00 [558.8]	4.75 [120.6]	8.55 [217.2]	4.30 [109.2]	3.00 [76.2]	1.23 [31.2]	3.00 [76.2]	6.00 [152.4]	1.50**	***30.00 FT/[9.1 M]	.38/[9.5] DIA. HOLES LOCATED ON .50/[12.7] STAGGERED CENTERS.
S2G54-E.5 115/1	14.78 [375.4]	3.31 [84.1]	8.38 [212.8]	4.00 [101.6]	3.00 [76.2]	0.00	3.00 [76.2]	6.00 [152.4]	2.00*	33.00 FT/[10.1 M]	.16/[4.1] DIA. HOLES LOCATED ON .38/[9.7] STAGGERED CENTERS.
S2H54-E1 115/1	17.34 [440.4]	4.44 [112.8]	10.00 [254.0]	4.75 [120.6]	3.75 [95.2]	0.00	3.75 [95.2]	7.50 [190.5]	2.00*	33.00 FT/[10.1 M]	.19/[4.8] DIA HOLES LOCATED ON .31/[7.9] STAGGERED CENTERS.

(*) STANDARD NPT (MALE) PIPE THREAD.

(**) STANDARD NPT (FEMALE) PIPE THREAD.

(***) 2-CONDUCTOR #8 POWER CABLE NEOPRENE RUBBER INSULATION WITH BATTERY CLIPS. SEE VIEW A.

SUBMERSIBLE PUMPS

Standard Features S1 1/2B

- Aluminum construction with cast iron impeller
- 1/3 HP, 12 VDC motor
- 30 ft. insulated (pvc) conductor cable with battery clips
- Built-in carry handle
- On/Off switch
- 1-1/2" NPT Discharge
- Steel strainer built in to pump
- Buna-N mechanical seal with carbon and ceramic faces
- Overload protected
- "Off-the-Shelf" availability on this model

Standard Features S2G & S2H

- Upper seals carbon and ceramic faces
- Lower seals silicon-carbide and ceramic faces
- 1/2 HP 6 Full load amps
- 1 HP 13 Full load amps
- Maximum liquid temperature 104°F
- Maximum flow 87 GPM
- Maximum operating pressure S2G - 19 PSI; S2H - 23 PSI
- "Off-the-Shelf" availability on both models
- Optional carrying case with 25 Ft. plastic hose kit (48782-001)

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
S2G54-E.5 115/1	Electric Submersible Pumps	33	Elect. Motor 1/2 hp	2"	Stainless Stl.	Viton®* silicon-carbide/ ceramic	115V	6	SST
S2H54-E1 115/1	Electric Submersible Pumps	60	Elect. Motor 1 hp	2"	Stainless Stl.	Viton®* silicon-carbide/ ceramic	115V	13	SST
S1 1/2B3-E.33 12V	Electric Submersible Pumps	35	Elect. Motor 1/3 hp	1.5"	Alum	Buna Carbon ceramic	12V DC	30	Alum
48782-001	Optional Carrying Case & 25' Plastic Hose Kit for VDC Pump Ship Wt 14 lbs								

*Viton® is a registered trademark of DuPont. Optional Float Switches: 27471-191 Electrical rating 115/13 Amps. 30 ft. 16 ga. for 115V models

Float Switch Standard Features

- Mercury-Free
- Adjustable Clamp
- Proven Reliability
- Variable Pumping Range
- No Wiring
- Corrosion-Resistant
- Omni Directional
- Easily Installed

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 41

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

CP103-104/0904





Electric Submersible Pumps

Models S2C3 (A) 115V 1P, S2D3 (A) 115V 1P
& S1 1/2A 115V 1P

- **Gray Iron Construction**
- **Built-in Carry Handle**
- **Motors are 115vac, Single Phase and Include a 50 ft. Power Cord**
- **Thermal Overload Protected**
- **Built-in Stainless Steel Strainer**
- **Maximum Liquid Temperature 122° F**
- **Maximum Flow is 97 GPM**
- **Optional Level Control**
- **Buna-N Mechanical Seal with Carbon and Ceramic Faces (S2C3, S1 1/2A3)**
- **Buna-N Mechanical Seal with Bronze and Steel Faces (S2D3 only)**
- **Base Plate Convesion Kit for Pump Down to 1/2" Depth (S1 1/2AS 115V IP Model Only)**

Gorman-Rupp submersible pumps are well suited for pumping out flooded basements, pools, spas, ponds, pits, or anywhere else where the pump can be lowered into the water. The 50-foot power cord allows the pump to be lowered into areas a self-priming pump with a suction hose could not readily access. Cast Iron construction and double mechanical seal for long life and dependability.

PREMIUM HEAVY DUTY

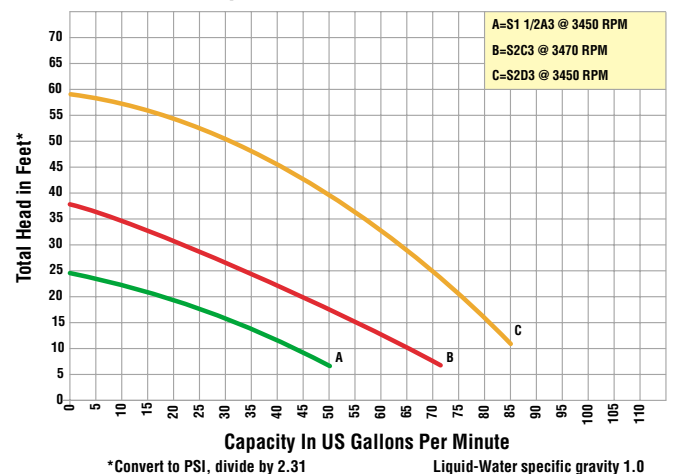


Model S1 1/2A3

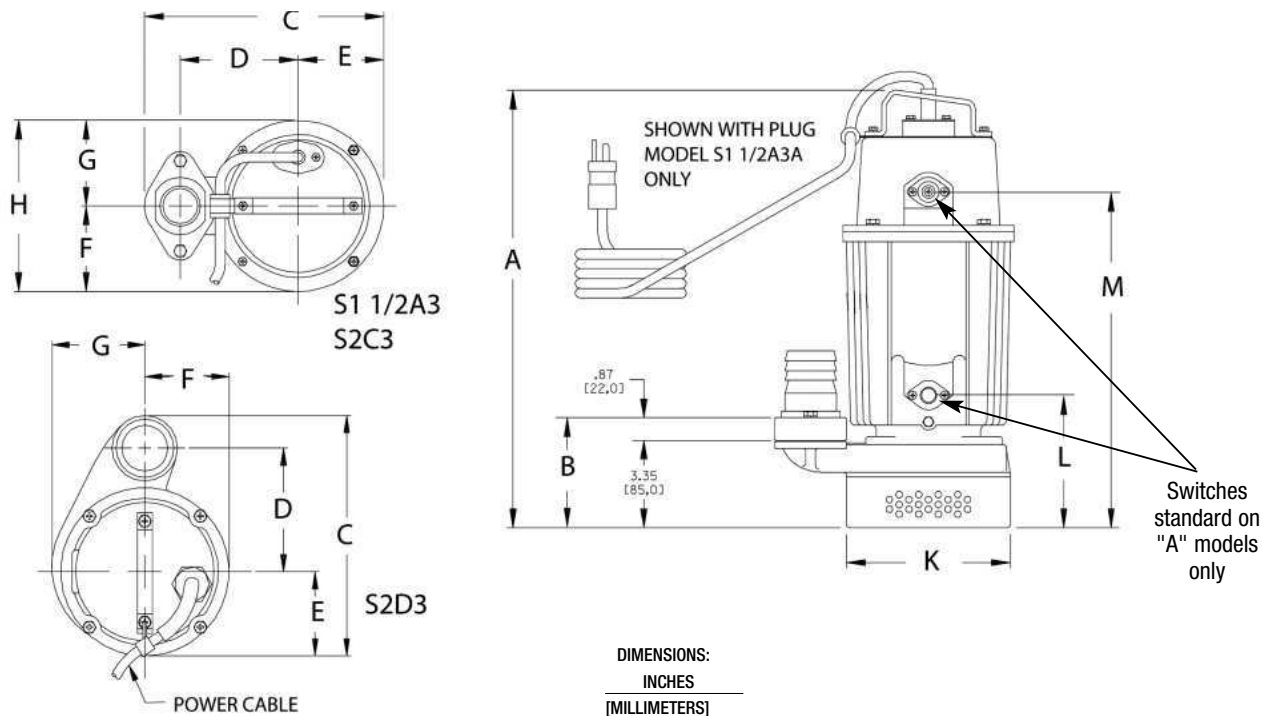


Model S2D3

Composite of Performance Curves



Electric Submersible Pumps



MODEL	A	B	C	D	E	F	G	H	DISCH	J CABLE LENGTH	K SUCTION STRAINER	L***	M**
S1 1/2A3	16.81 [427.1]	4.21 [107.0]	9.19 [233.5]	4.53 [115.0]	3.29 [83.5]	3.29 [83.5]	3.29 [83.5]	6.57 [169.0]	1.50**	50.00 FT/[15 M]	6.30 [160.0]	6.00 [152.4]	6.00 [152.4]
S2C3	16.81 [427.1]	4.21 [107.0]	9.19 [233.5]	4.53 [115.0]	3.29 [83.5]	3.29 [83.5]	3.29 [83.5]	6.57 [169.0]	2.00*	50.00 FT/[15 M]	6.30 [160.0]	6.00 [152.4]	6.00 [152.4]
S2D3	20.93 [531.5]	4.21 [107.0]	10.12 [257.0]	5.20 [132.0]	3.54 [90.9]	3.54 [90.9]	3.78 [96.0]	0.00	2.00*	50.00 FT/[15 M]	7.09 [180.0]	7.50 [190.5]	7.50 [190.5]

(**) S1 1/2A3A ONLY (TURN ON LEVEL)

(***) S1 1/2A3A ONLY (TURN OFF LEVEL)

SUBMERSIBLE PUMPS

Standard Features

- Gray Iron construction
- Gray Iron impeller
- 50 ft. insulated conductor cable
- SST hardware
- Built-in carry handle
- 1-1/2" NPT Discharge
- Stainless Steel strainer
- Buna-N mechanical seal with carbon and ceramic faces
- Thermal overload protected
- Built in liquid level control on (A) models
- Bronze and steel faces (S2D3)
- Maximum liquid temperature 122°F
- Maximum flow 87 GPM
- Optional level control 90° wide angle with float switch #27471-192
- *Requires attaching a standard 115V plug (not supplied). S2C3 & S2D3
- "Off-the-Shelf" availability

Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
S1 1/2 A3 (A)	Electric Submersible Pumps	42	Elect. Motor 1/3 hp	1.5"	Gray Iron	Buna/Carbon/Ceramic	115V	4.8	Gray Iron
S2C3 (A)	Electric Submersible Pumps	52	Elect. Motor 1/2 hp	2"	Gray Iron	Buna/Carbon/Ceramic	115V	6.8	Gray Iron
S2D3 (A)	Electric Submersible Pumps	78	Elect. Motor 1 hp	2"	Gray Iron	Buna/Bronze/Steel	115V	9.0	Gray Iron



Interchangeable Immersion & Suction Coolant/Oil Pumps

- Fully Interchangeable with Units Furnished on Most Imported Machine Tools
- 1/8 to 1 HP Totally Enclosed Motors
- 2 Pole, 3450 RPM
- Single or Three Phase Motors
- Stainless Steel Semi-open Impellers
- Immersion and Suction Types
- Cast Iron Construction
- Max. Temperature 180°F
- Max. Flow 56 GPM (water)
- Max. Head 60 Ft. (water)
- Handles Viscosity up to 500 SSU
- Standard Replacement for Machine Tool Industry

AMT Interchangeable Coolant/Oil pumps are dependable, economical replacement pumps equivalent to units supplied with both domestic and foreign made machine tools such as Fuji, Mitsubishi, Toshiba, Hitachi and many others. These pumps are designed for the circulation and spraying of coolants and cutting oils. Pumps are available with Stainless Steel impeller, for added corrosion/erosion resistance and durability. 1/8 & 1/4 HP models are available in 115/230V AC, 60 Hz single phase and 230/460V AC, 50/60 Hz three phase. Motors are Totally Enclosed with sealed bearing, and operate at 3450 RPM. Pumps feature semi-open impellers that are ideal for handling some solids and fine contaminants.

AMT Interchangeable Coolant/Oil pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials.

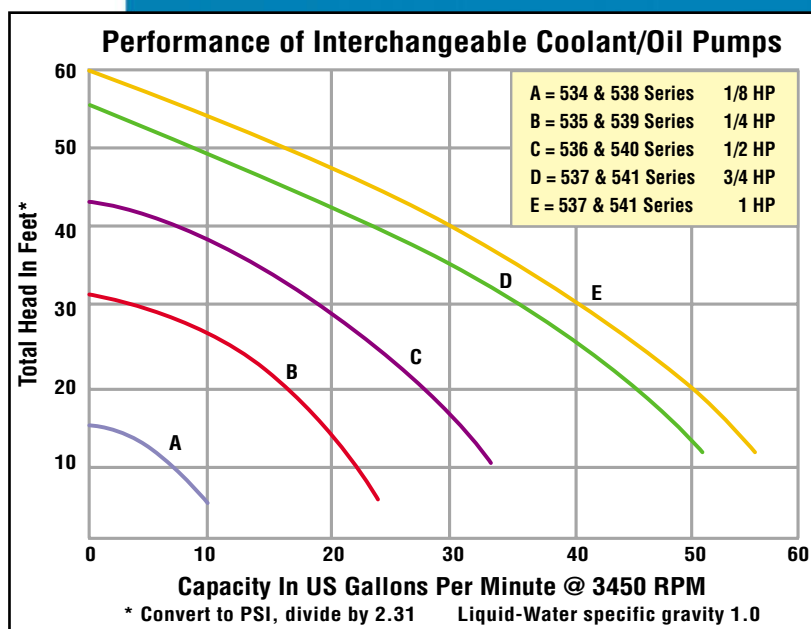
INDUSTRIAL DUTY



Immersion Type Pump



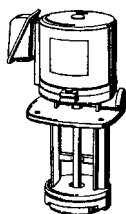
Suction Type Pump



Interchangeable Immersion & Suction Coolant/Oil Pumps

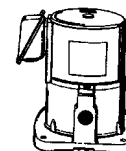
Immersion Type Features†

- Cast Iron Construction
- Stainless Steel Impeller
- Carbon Steel Shaft
- Sealless Design for Pumping Abrasives
- Pumps Liquids Down to 2"
- Ideally Suited for Pumping Fine Contaminants



Suction Type Features*

- Cast Iron Construction
- Stainless Steel Impeller
- Carbon Steel Shaft
- Carbon/Ceramic Shaft Seal
- Self Priming up to 2' - Maximum Suction Lift
- Pumps Must be Mounted Above Liquid



Cross Reference to Replacement of Standard Machine Tool Industry Pumps

Fuji	Old Fuji	Mitsubishi	Toshiba	Hitachi	Yasukawa	Graymills	Gusher	Stainless Impeller Model No.
VKN-043A	VKN-041A	—	—	CPS-041	VFPC-01F	IMS-08	VBH-18	5340-95
VKN-053A	VKN-051A	NP-60J	OPF-60M	CPS-063	VFPC-061F	IMS-08	VBH-18	5341-95
VKN-063A	VKN-061A	NP-100J	OPF-100M	CPS-103	VFPC-101JF	IMS-25	VBH-14	5350-95
VKN-073A	VKN-071A	NP-180J	OPF-180M	CPS-183	VFPC-181JF	IMS-25	VBH-14	5351-95
VKN-083A	VKN-081A	NP-250J	OPF-250M	CPS-253	VFPC-251JF	IMS-50	VBH-12	5360-95
VKN-093A	VKN-091A	NP-400J	OPF-400M	CPS-403	VFPC-401JF	IMS-75	VBH-34	5370-95
—	—	—	—	—	—	IMS-100	VBH-10	5371-95
VKN-043A	VKN-041A	—	—	CPD-041	VFPC-01DL	IMV-08	VBV-18	5380-95
VKN-053A	VKN-051A	NQ-60J	OPF-60M	CPD-60M	VFPC-061DIF	IMV-08	VBV-18	5381-95
VKN-063A	VKN-061A	NQ-100J	OPF-100M	CPD-100M	VFPC-100	IMV-25	VBV-14	5390-95
VKN-073A	VKN-071A	NQ-180J	OPF-180M	CPD-180M	CPD-183	IMV-25	VBV-14	5391-95
VKN-083A	VKN-081A	NQ-250J	OPF-250M	CPD-253	VFPC-250JF	IMV-50	VBV-12	5400-95
VKN-093A	VKN-091A	NQ-400J	OPF-400M	CPD-403	VFPC-4010JF	IMV-75	VBV-34	5410-95
—	—	—	—	—	—	IMV-100	VBV-100	5411-95

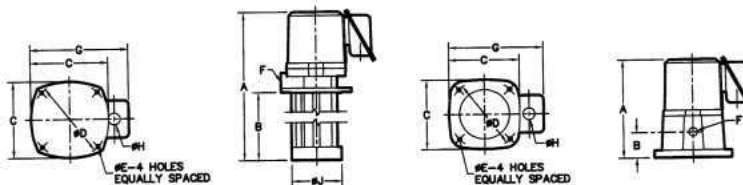
PUMP DIMENSIONAL AND ORDERING DATA

Stainless Impeller Model No.	Curve	Type	Hp	Phase	Amps	Full Load Voltage	A	B	C	D	E	NPT F	G	H	J	Shpg WT
5340-95	A	*SUC	1/8	1	0.7/0.35	115/230	6.88	1.75	5.50	5.50	0.25	0.38	6.75	0.82	—	14 lbs.
5341-95	A	*SUC	1/8	3	0.3/0.19	230/460	6.88	1.75	5.50	5.50	0.25	0.38	6.75	0.82	—	14 lbs.
5350-95	B	*SUC	1/4	1	3.0/1.5	115/230	8.75	2.56	6.75	0.31	7.25	0.75	7.88	0.82	—	27 lbs.
5351-95	B	*SUC	1/4	3	0.8/0.4	230/460	8.75	2.56	6.75	0.31	7.25	0.75	7.88	0.82	—	27 lbs.
5360-95	C	*SUC	1/2	3	1.8/1.25	230/460	10.38	2.81	7.75	8.50	0.36	0.75	7.88	0.82	—	37 lbs.
5370-95	D	*SUC	3/4	3	2.6/1.6	230/460	12.00	3.00	8.00	8.63	0.36	1.00	7.88	0.82	—	41 lbs.
5371-95	E	*SUC	1	3	3.2/1.9	230/460	12.00	3.00	8.00	8.63	0.36	1.00	7.88	0.82	—	43 lbs.
5380-95	A	†IMM	1/8	1	0.7/0.35	115/230	11.75	6.00	4.88	5.00	0.25	0.38	6.75	0.82	3.50	15 lbs.
5381-95	A	†IMM	1/8	3	0.3/0.19	230/460	11.75	6.00	4.88	5.00	0.25	0.38	6.75	0.82	3.50	15 lbs.
5390-95	B	†IMM	1/4	1	3.0/1.5	115/230	13.63	7.00	6.31	6.19	0.31	0.50	7.88	0.82	4.75	27 lbs.
5391-95	B	†IMM	1/4	3	0.8/0.4	230/460	13.63	7.00	6.31	6.19	0.31	0.50	7.88	0.82	4.75	27 lbs.
5400-95	C	†IMM	1/2	3	1.8/1.25	230/460	18.38	9.50	7.75	6.75	0.36	0.75	7.88	0.82	5.38	40 lbs.
5410-95	D	†IMM	3/4	3	2.6/1.6	230/460	20.63	11.00	7.75	7.31	0.36	1.00	7.88	0.82	5.88	48 lbs.
5411-95	E	†IMM	1	3	3.2/1.9	230/460	20.63	11.00	7.75	7.31	0.36	1.00	7.88	0.82	5.88	50 lbs.

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

MOTOR DATA:

Pumps feature Totally Enclosed motors with sealed, permanently lubricated bearing for protection from dirt, moisture and soil. Available in Single (1) or Three (3) phase, 60 Hz, depending on model.



† Immersion-type pumps require no bearings, seals, or packing, ideally suiting them for pumping liquids containing fine contaminants. For circulation of coolant and spraying of cutting oil in all machines, including grinders and applications with higher temperatures.

* Suction-type pumps must be mounted above the liquid level as well as other remote locations, featuring a 2 ft. maximum suction lift. For circulating coolant, liquids with large amounts of foreign matter, and spraying cutting oil in all types of machines, except grinders.

Maximum recommended viscosity: 500 SSU



See price book page 42

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

CP107-108/0904



3/8" Bronze Coolant Recirculating Pump

- **Cast Bronze Construction**
- **No Bottom Bearing!!!**
- **Brass Column and Impeller Shaft**
- **Bronze Self-cleaning Open Impeller**
- **3/8" NPT Discharge Port**
- **Fiber Gasket**
- **Maximum Temperature 200° F**
- **Maximum Flow 8 GPM**
- **Maximum Head 10 Ft.**
- **Available with 115V AC Single Phase or 230V AC Single Phase Motors, 1590 RPM**
- **1/25 HP Totally Enclosed Fan Cooled (TEFC) Motor**

The AMT Bronze Coolant/Recirculating pump has been manufactured for a wide variety of Industrial/Commercial Coolant and Recirculating applications. The absence of a bottom bearing makes the unit ideal for handling erosive liquids. A 36" 3-conductor power cord is included.

NOTE: The motor on this pump is not intended to be submerged in liquid. The liquid level should always be at least 2" below motor bottom. (Maximum depth of liquid is 6")

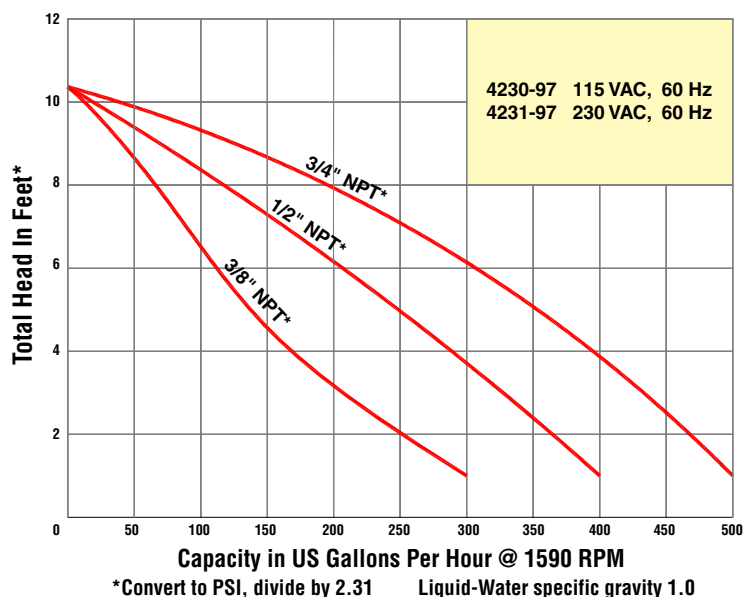
AMT Bronze Coolant/Recirculating pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast, 24 hour shipment. For use with non-flammable liquids compatible with pump component materials.

INDUSTRIAL DUTY

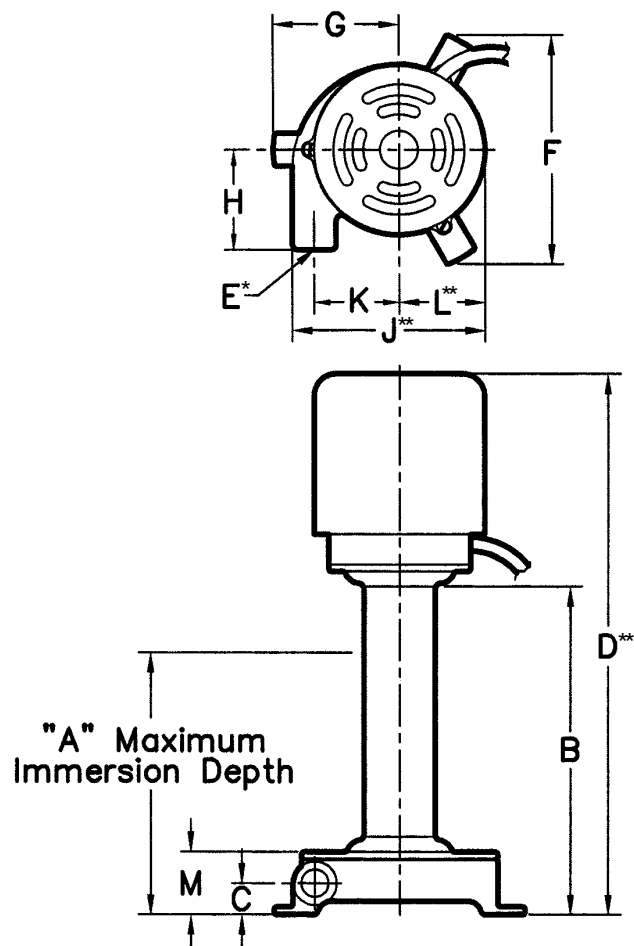
Model 4230-97



Performance of Coolant/Recirculating Pumps



3/8" Bronze Coolant/Recirculating Pump



Pump Dimensional & Specification Data

Model No.	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	A	B	C	D**	E*	F	G	H	J**	K	L**	M	Ship Wt.
4230-97	1/25	1	TEFC	115V AC	1.50	6.0	7.5	0.7	12.4	3/8"	5.3	2.9	2.3	4.4	1.9	2.0	1.4	9 Lbs.
4231-97	1/25	1	TEFC	230V AC	0.75	6.0	7.5	0.7	12.4	3/8"	5.3	2.9	2.3	4.4	1.9	2.0	1.4	9 Lbs.

(*) Standard NPT (female) pipe thread.

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

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

Standard Features

- Cast Bronze Construction
- **No Bottom Bearing!!!**
- Brass Column and Impeller Shaft
- Bronze Self-cleaning Open Impeller
- 3/8" NPT Discharge Port
- Fiber Gasket
- Available with 115V AC Single Phase or 230V AC 3-Phase Motors
- 1/25 HP Totally Enclosed Fan Cooled (TEFC) Motor
- **"Off-the-Shelf"** Availability on Most Models



See price book page 43

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

CP109-110/0904



Heavy Duty Industrial Coolant Pump

- **Cast Iron Casing and Column**
- **3/4" to 1-1/2" NPT Discharge Port**
- **Handles Viscosities to 500 SSU**
- **Includes Universal Mounting Bracket**
- **Dual Volute Design Reduces Radial Load on Motor**
- **Maximum Temperature 200°F**
- **Maximum Flow 67 GPM**
- **Maximum Head 32 Ft.**
- **Self-cleaning, Semi-open Impeller**
- **Available with Single or Three Phase 56C Motor**
- **1/8 to 3/4 HP Totally Enclosed Fan Cooled (TEFC) Motor, 1725 RPM**

The AMT Heavy Duty Industrial Coolant pump has been designed for a broad range of Industrial/Commercial coolant and recirculating applications. Back vanes on the impellers of models 4421-95 through 4443-95 balance pressure and thereby eliminate the need for mechanical seals. All models with extended shafts are fitted with aligning coupling between motor and shaft. Dual volute construction of models 4421-95 through 4443-95 eliminates radial thrust and therefore the need for bottom bearings. A Universal mounting bracket system is included with these pumps (see below).

AMT Mounting Brackets:

Models 4410-90 & 4420-90 mounting brackets are designed to simplify the pump installation/removal process and expand the application range for each pump in the line. With the bracket system, it is no longer necessary to disassemble motor from pump end for installation and removal. Simply unfasten the brackets from the tank cover and insert or remove the complete pump. The bracket system also controls the immersion depth of each pump in the line by clamping to the pump column at the most desirable position.



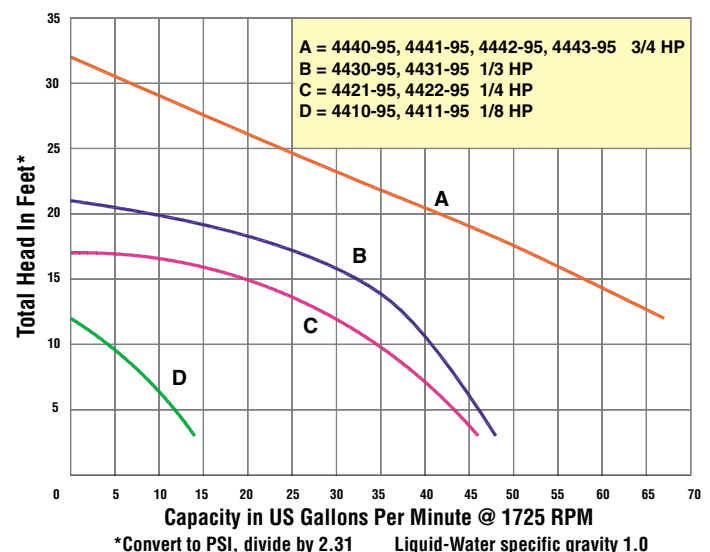
INDUSTRIAL DUTY

Model 4442-95

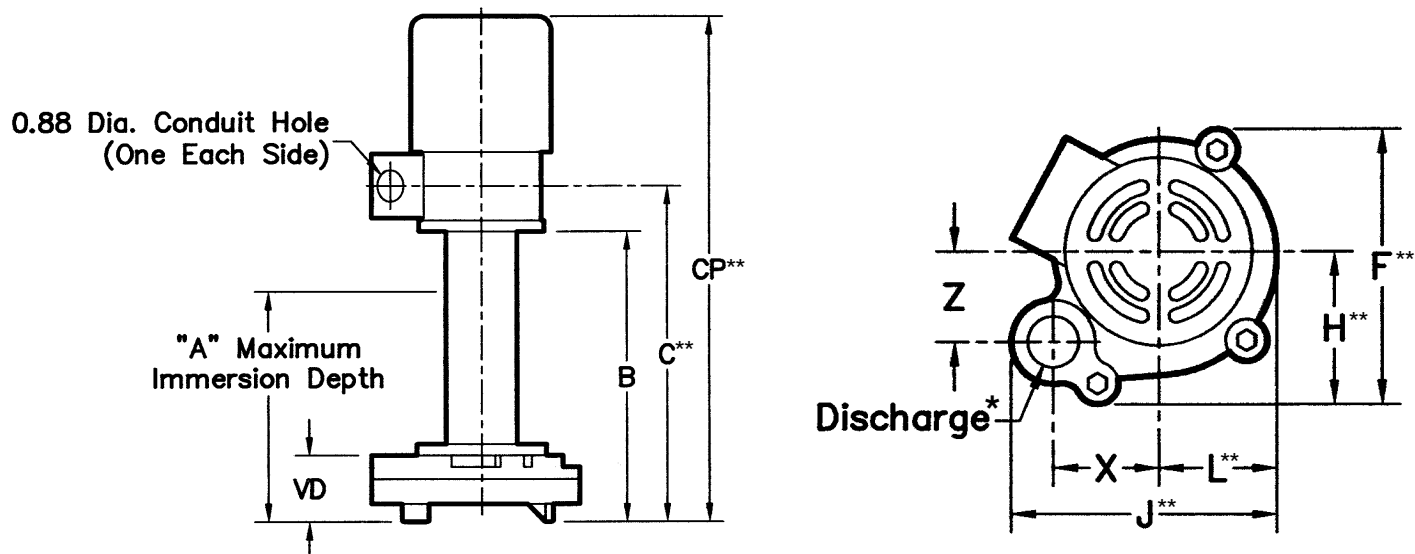


Model 4410-95

Performance of Industrial Coolant Pumps



Heavy Duty Industrial Coolant Pumps



Pump Dimensional & Specification Data

Model No.	Curve	HP	PH	ENC	Voltage @ 60 Hz+	Full Load Amps	DIS*	A	B	C**	CP**	F**	H**	J**	L**	VD	X	Z	Ship Wt.
4410-95	D	1/8	1	TEFC	115/230	2 / 1	3/4"	6.3	8.1	9.3	14.1	5.8	2.6	5.5	2.5	1.9	2.2	1.8	16 Lbs.
4411-95	D	1/8	3	TEFC	230	0.5	3/4"	6.3	8.1	9.3	14.1	5.8	2.6	5.5	2.5	1.9	2.2	1.8	16 Lbs.
4421-95	C	1/4	1	TEFC	115/230	5 / 3	1-1/4"	8.2	11.7	17.0	20.8	8.7	3.5	8.4	3.7	2.2	3.5	3.2	41 Lbs.
4422-95	C	1/4	3	TEFC	230/460	0.9 / 0.5	1-1/4"	8.2	11.7	17.0	20.6	8.7	3.5	8.4	3.7	2.2	3.5	3.2	40 Lbs.
4430-95	B	1/3	1	TEFC	115/230	7 / 4	1-1/4"	6.3	9.7	15.3	19.3	8.7	3.5	8.4	3.7	2.2	3.5	3.2	44 Lbs.
4431-95	B	1/3	3	TEFC	230/460	2 / 1	1-1/4"	6.3	9.7	15.3	18.8	8.7	3.5	8.4	3.7	2.2	3.5	3.2	41 Lbs.
4440-95	A	3/4	1	TEFC	115/230	9 / 5	1-1/2"	6.3	9.8	16.1	20.2	10.7	4.9	9.2	5.0	2.3	2.9	3.9	53 Lbs.
4441-95	A	3/4	3	TEFC	230/460	3 / 2	1-1/2"	6.3	9.8	16.1	19.7	10.7	4.9	9.2	5.0	2.3	2.9	3.9	47 Lbs.
4442-95	A	3/4	1	TEFC	115/230	9 / 5	1-1/2"	12.2	15.8	22.1	26.2	10.7	4.9	9.2	5.0	2.3	2.9	3.9	58 Lbs.
4443-95	A	3/4	3	TEFC	230/460	3 / 2	1-1/2"	12.2	15.8	22.1	25.7	10.7	4.9	9.2	5.0	2.3	2.9	3.9	52 Lbs.

(*) Standard NPT (female) pipe thread.

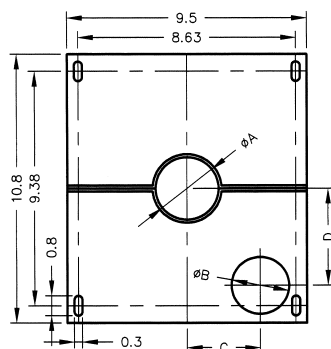
(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps, Service Factor, RPM and Priming Capabilities).

NOTE: Dimensions have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

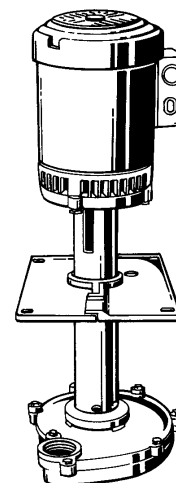
Mounting Bracket Dimensions



MODEL NO.	A	B	C	D	SHIP WT.
4410-90	ø2.0	ø1.13	1.87	2.19	8 Lbs.
4420-90	ø2.5	ø2.28	2.90	3.88	8 Lbs.

Standard Features

- Cast Iron Casing and Column
- 3/4" to 1-1/2" NPT Discharge Port
- Handles Viscosities to 500 SSU
- Includes Universal Mounting Bracket
- Self-cleaning, Semi-open Impeller
- Single or Three Phase 56C Motor Available
- 1/8 to 3/4 HP TEFC Motor
- Maximum Temperature 200° F
- "Off-the-Shelf" Availability for Many Models





Vertical Sealless Sprayer/Washer Pumps

- **Cast Iron Construction with 300 Series Investment Cast Stainless Steel Impeller**
- **Stainless Steel Pump Shaft**
- **No Bottom Bearing!!**
- **Handles Viscosities up to 100 SSU**
- **Dual Volute Design Reduces Radial Load on Motor**
- **Maximum Temperature 200° F**
- **Maximum Flow 160 GPM**
- **Maximum Head 160 Ft. (70 PSI)**
- **Stainless Steel Suction Screen**
- **Includes Heavy Duty Universal Mounting Plates**
- **3 HP to 10 HP Totally Enclosed Fan Cooled (TEFC) Motors Available**
- **Standard 56C or JM Shaft Motors**

AMT Vertical Sealless Sprayer/Washer pumps are designed for OEM, automotive and industrial washing machines, parts cleaners, spray booths and cooling towers. "No bottom bearing" design and Stainless Steel impeller resists erosion from abrasives and ensures a long, maintenance free life for the pump. CNC machined stainless steel pump shafts. Built in stainless steel suction pump screen protects pump from clogging and damage caused by large solids. Heavy duty universal mounting plates permit easy installation into existing tanks, booths, equipment, etc.

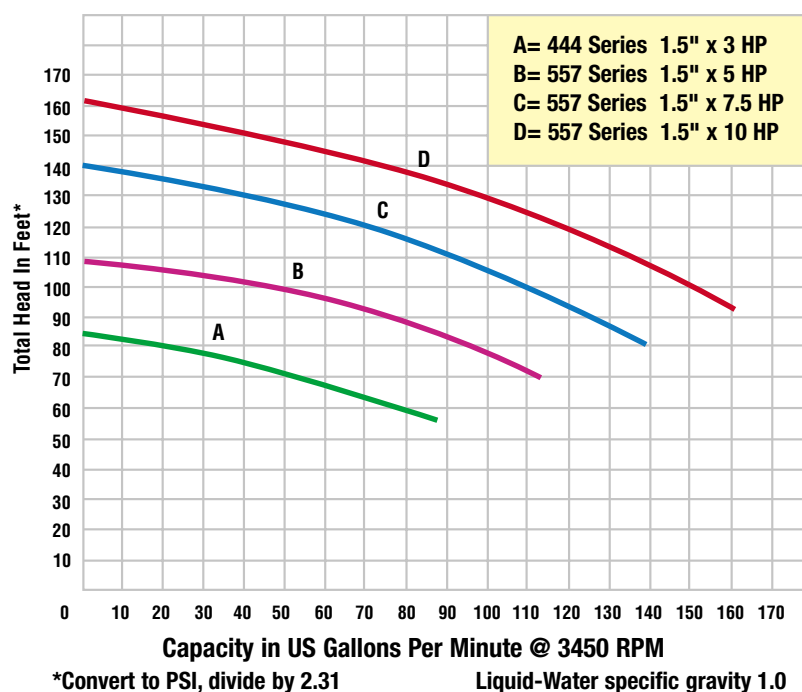
For use with nonflammable liquids compatible with pump component materials.

INDUSTRIAL DUTY

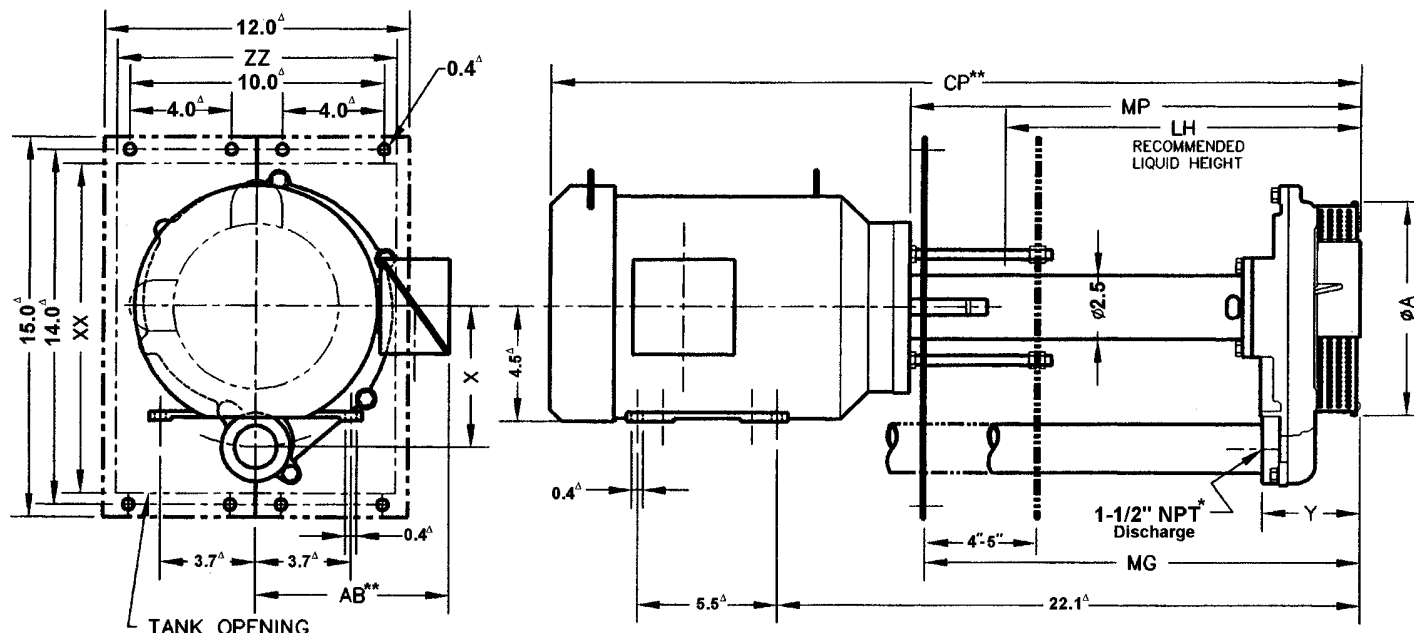


Model 5570-95

Performance of Vertical Sprayer/Washer Pumps



Vertical Sealless Sprayer/Washer Pumps



Pump Dimensional & Specification Data

Model No.	Curve	HP	PH ⁺	NEMA Frame	ENC	A	AB ^{**}	CP ^{**}	LH	MP	X	XX	Y	ZZ	MG	Ship Wt.
4445-95	A	3	1	56C	TEFC	6.5	4.8	29.7	13.5	17.0	4.8	12.0	3.5	10.0	16.0	78 Lbs.
4446-95	A	3	3	56C	TEFC	6.5	4.8	29.7	13.5	17.0	4.8	12.0	3.5	10.0	16.0	73 Lbs.
5571-95	C	7.5	3	184JM	TEFC	8.4	7.5	32.0	14.0	17.8	5.5	13.0	4.0	11.0	17.0	150 Lbs.
5572-95	B	5	3	184JM	TEFC	8.4	7.5	32.0	14.0	17.8	5.5	13.0	4.0	11.0	17.0	130 Lbs.

(Δ) Does not apply to Models 4445-95 & 4446-95

(*) Standard NPT (female) pipe thread.

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

(+) 3-Phase models can also operate on 50 Hz (This will change Full Load Amps, Service Factor and RPM).

NOTE: Dimensions have a tolerance of ± 1/8".

NOTE: Electric supply for **ALL** motors must be within ±10% of nameplate voltage rating (e.g. 230V ±10%= 207 to 253).

Standard Features

- Cast Iron Construction with 300 Series Investment Cast Stainless Steel Impeller
- Stainless Steel Pump Shaft
- *No Bottom Bearing!!*
- Handles Viscosities up to 100 SSU
- Maximum Temperature 200° F
- Maximum Flow 160 GPM
- Maximum Head 160 ft. (70 PSI)
- Stainless Steel Suction Screen
- Includes Heavy Duty Universal Mounting Plates
- Standard 56C or JM Shaft Motors



See price book page 43

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



Heavy Duty & Medium Duty Compact Gear Pumps

1" Gear Pump:

- Self-Priming
- Compact GMC-no drive coupling or guard
- Accurate alignment on close coupled C-Flange GMC pumps
- Smooth, Non-Pulsating Flow
- Cast Iron Construction with Viton® seal, carbon bushing and high strength gears
- Bronze Thrust Washer in Compact GMC
- Delivers up to 12 GPM
- GMS pump provides adjustable port positions
- Adjustable relief valve set at 75 PSI



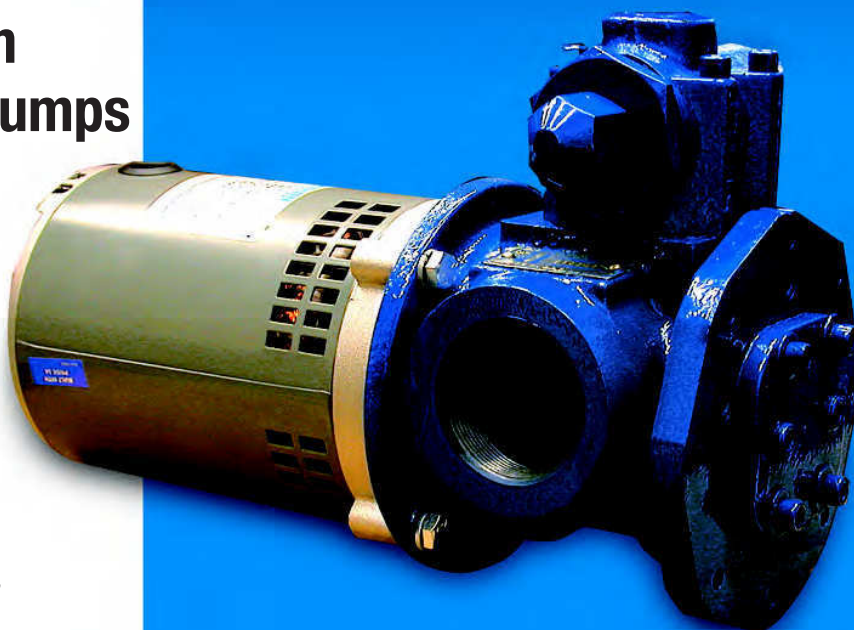
Model# GMS1DE3/40C

This internal gear pump is a high quality unit, capable of 15 ft. of lift and offers smooth, consistent flow. The GMC utilizes a type 2100 seal for sealing pressures up to 200 PSI and the GMS has a type 21 seal for sealing pressures up to 150 PSI. Units are available bare shaft, with 1.5 HP Totally Enclosed Fan Cooled (TEFC) or with Explosion Proof motors.

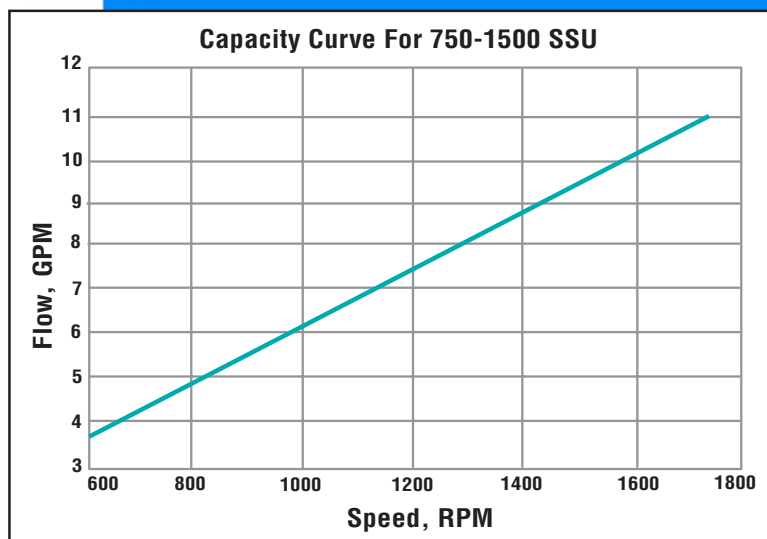
These cast iron gear pumps are reliable, cost effective and low maintenance. For use with non-flammable liquids compatible with pump component materials. They are readily available for "Off-the Shelf", 24 hour shipment.

Viton® is a registered trademark of E.I. DuPont

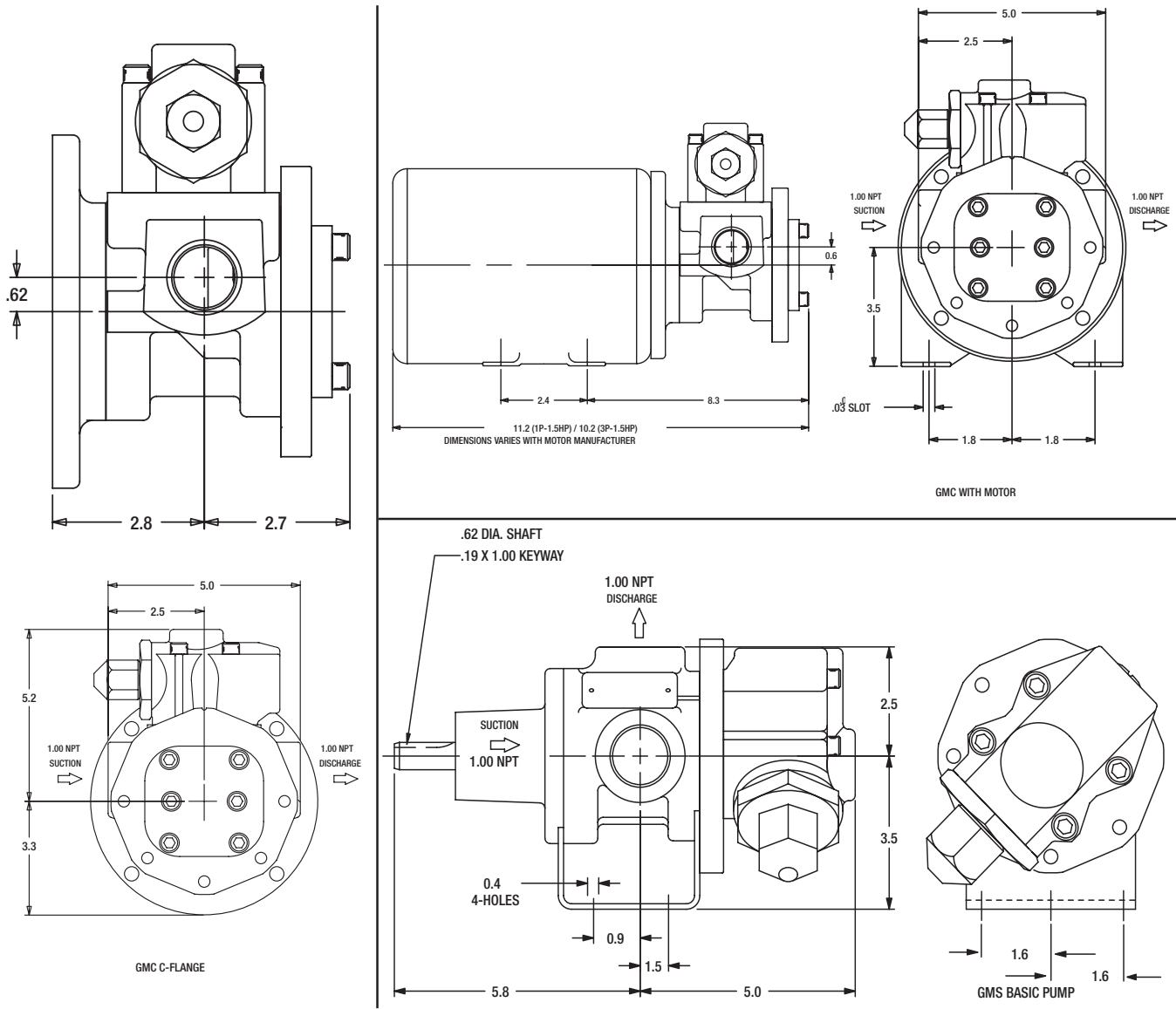
PREMIUM HEAVY DUTY



Model# GMC1DE3-E1.51P



Heavy Duty & Medium Duty Compact Gear Pump



Model No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x dis (NPT)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
GMS1DE3/40C70A	Standard Pump w/car Flex cplg shaft	19	NA	1X1	Cast Iron	Viton®/ Car, Cer	NA	N/A	NA
GMC1DE3/40C	Compact Pump w/car C-Flange	26	NA	1X1	Cast Iron	Viton®/ Car, Cer	NA	NA	NA
GMC1DE3-E 1.5 1P	Compact Pump w/car C-Flange	59	1P TEFC 1-1/2 HP	1X1	Cast Iron	Viton®/ Car, Cer	115/230	18/9	56C
GMC1DE3-E 1.5 3P	Compact Pump w/car C-Flange	59	3P TEFC 1-1/2 HP	1X1	Cast Iron	Viton®/ Car, Cer	230/460	5/2.5	56C
GMC1DE3-X 1.5 1P	Compact Pump w/car C-Flange	59	1P X-Proof 1-1/2 HP	1X1	Cast Iron	Viton®/ Car, Cer	115/230	19/9.5	184C
GMC1DE3-X 1.5 3P	Compact Pump w/car C-Flange	59	3P X-Proof 1-1/2 HP	1X1	Cast Iron	Viton®/ Car, Cer	230/460	5/2.5	56C

*Viton® is a registered trademark of DuPont

Standard Features

- Cast Iron construction with Viton® seal, carbon bushing and high strength iron gears
- Maximum Viscosity of 1500 SSU
- GMC Maximum Pressure of 200 PSI.
- GMS Maximum Pressure of 150 PSI.
- Maximum Temperature 300° F
- 11 GPM at 1750 RPM
- 1" NPT connections
- Adjustable relief valve set at 75 PSI.

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 44

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

CP115-116/1208



Bellows Metering Pumps

1.5" Bel-O-Just® Pumps, Single 1.5" Compact Bellows Pumps

- *Repeatability from stroke-to-stroke to +/- 0.5%*
- *Dry run capability*
- *Self-priming*
- *No dynamic seals*
- *Superior corrosion resistance*
- *Long, maintenance free operation*
- *Simple flow adjustment*
- *Maximum flow 945 ml per minute*
- *Maximum pressure 20 PSI*
- *Maximum temperature 140° F*

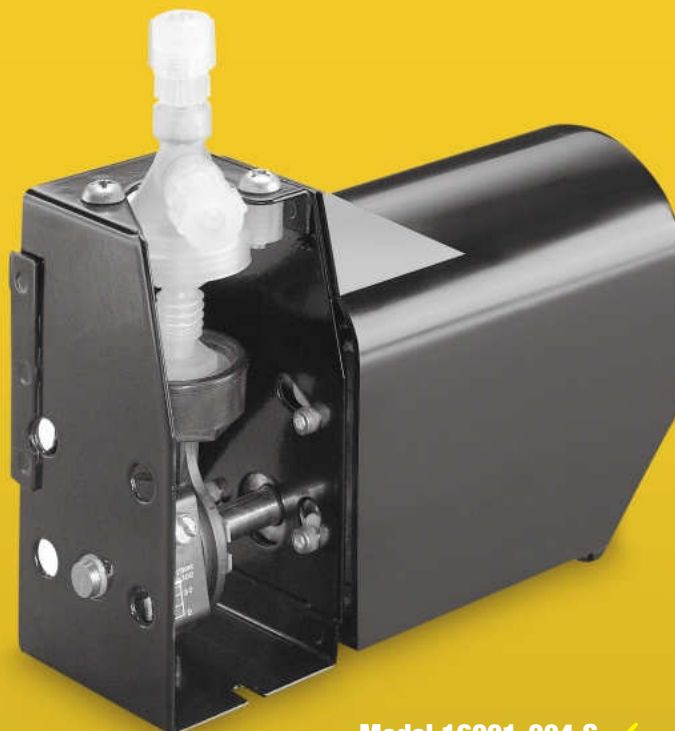


Model 14251-005 S

Bellows metering pumps operate on a positive displacement principle. The rotation of the motor shaft is transmitted into a reciprocating motion through a lever pivot crank mechanism. This motion provides a continuous squeezing and relaxing force on a bellows module, forcing fluid in and out of the module. Pumps are designed to displace both corrosive and noncorrosive fluids. Accurate to +/- 0.5% from stroke to stroke, when pump is set 50% to 100% of full stroke. Discharge pressure is maintained over the entire flow range of the pump. Poppet valves are utilized to prevent backflow, preventing siphoning through the pump in applications where a positive suction head exists. Typical applications include film and x-ray processors, silver recovery systems, wafer and silicon chip washers and silicon chip washers and processors, detergent dispensers, blood analyzing equipment, industrial floor scrubbers, thermo therapy equipment, waste removal systems, and wastewater and water treatment systems

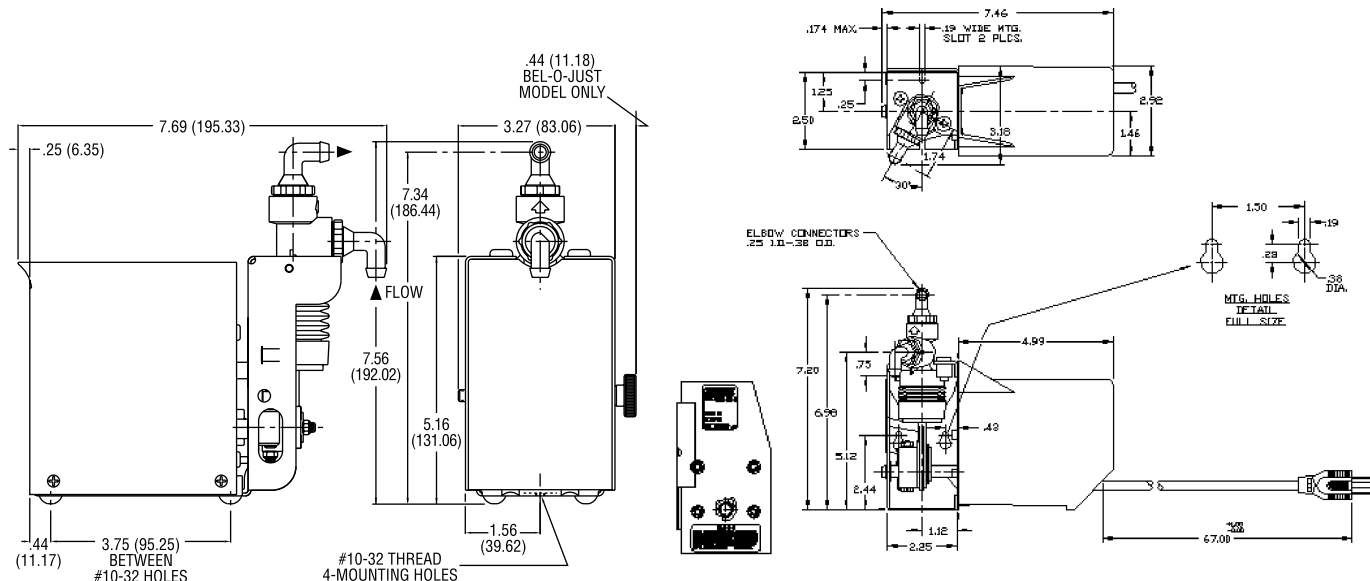


Model 16001-003 S



Model 16001-004 S

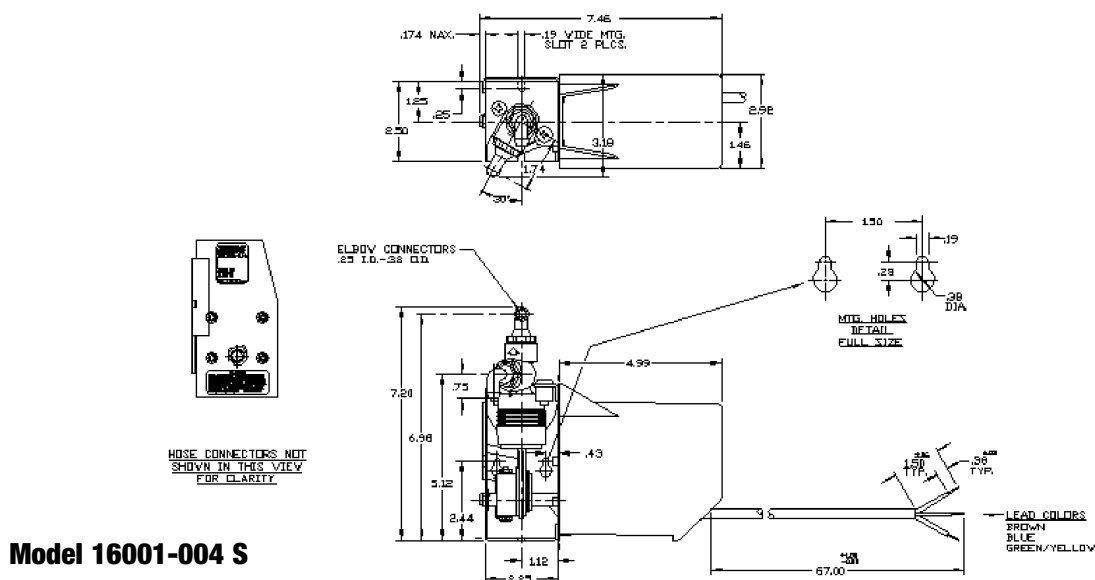
Bellows Metering Pumps



Model 14251-005 S

HOSE CONNECTORS NOT SHOWN IN THIS VIEW FOR CLARITY

Model 16001-003 S



Model 16001-004 S

Catalog Number Stock No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x Dis (tube)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure
14251-005 S	1.5" Bel-O-Just Bellows	6	Sub Frac/SP	.38"ID	Polypropylene	EPT	115	1.1	C-Frame
16001-003 S	1.5" Compact Bellows Pump	5	Sub Frac/SP	.38"ID	Polypropylene	EPT	115	1	C-Frame
16001-004 S	1.5" Compact Bellows Pump	4	Sub Frac/SP	.38"ID	Polypropylene	EPT	230	0.5	C-Frame

Standard Features

- Polypropylene construction
- EPT O-ring & Poppet Valves
- .38" Suction & Discharge
- Standard gearmotors in 115V 50/60Hz or 230V 50/60 Hz

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

See price book page 45

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

CP117-118/0904

Centrifugal Pumps

- Available in Noryl® or Nitrile Construction
- Carbon and Ceramic Face Seals
- Carbon and Carbon Face Seals
- Butyl, Nitrile, Neoprene and Carbon Elastomers
- Maximum Head 50 Ft.
- Maximum Flow 50 GPM
- Maximum Temperature 220° F
- Available with Open Drip Proof or PSC Motor
- 1/10 HP to 1/3 HP Motors



Model 12895-002 S



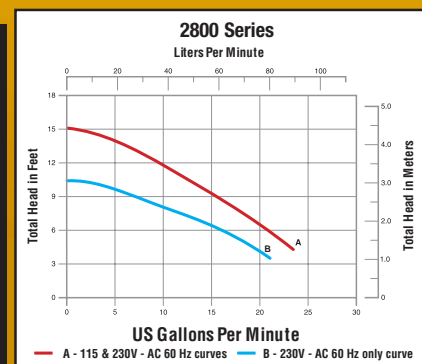
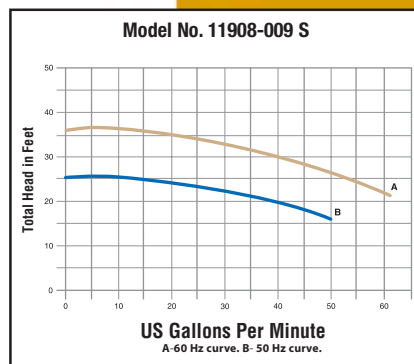
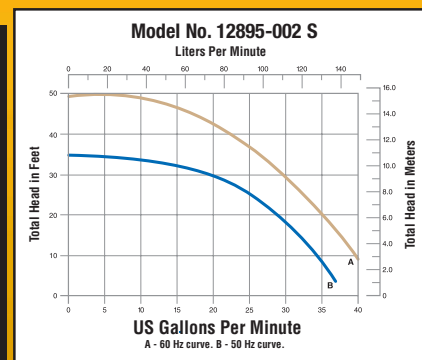
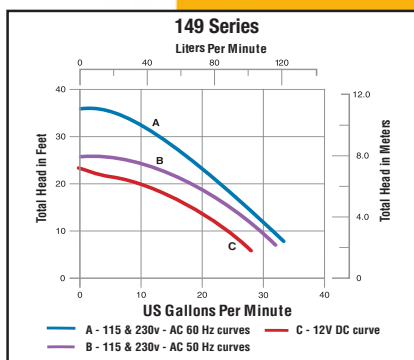
Model 11908-009 S



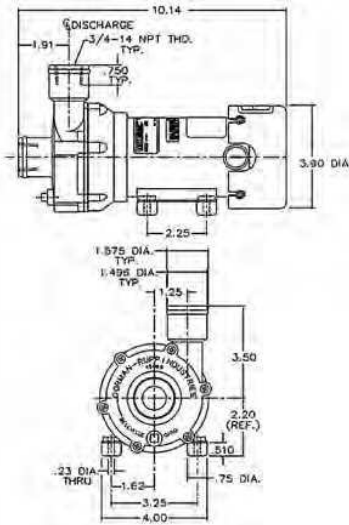
Model 16675-001 S

Centrifugal pumps are designed to transfer both corrosive and non-corrosive fluids at maximum hydraulic efficiencies. Centrifugal pumps are not self-priming and must be used in applications where flooded suction exists. These pumps can not run dry. Typical OEM applications include commercial and residential heating and cooling systems, commercial coffee urns, ice makers, dish and glassware washers, laundry appliances, plating systems, agricultural sprayers and industrial floor scrubbers.

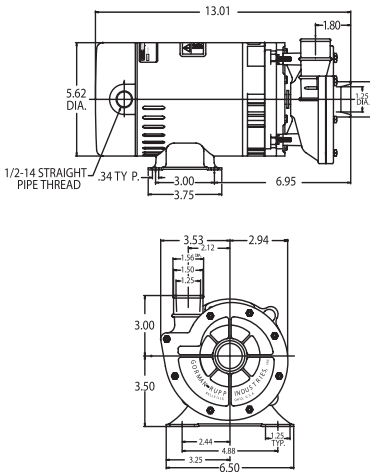
Noryl® is a registered trademark of General Electric Co.



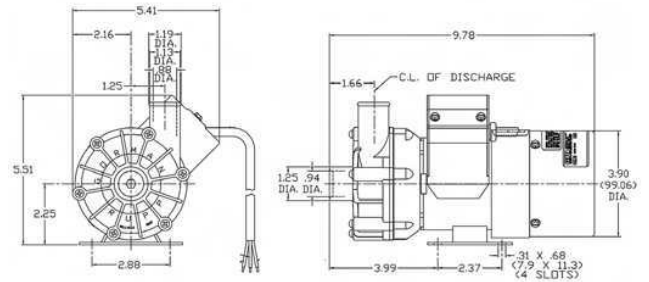
Centrifugal Pumps



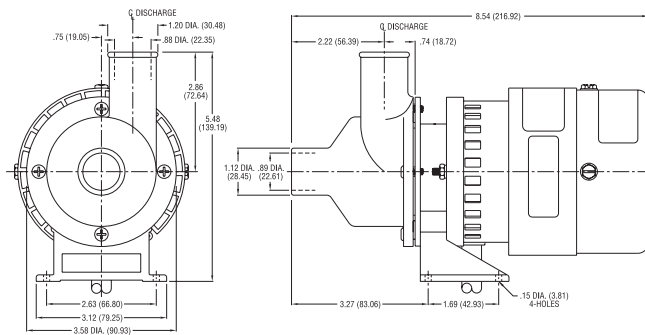
Model 15970-003 S



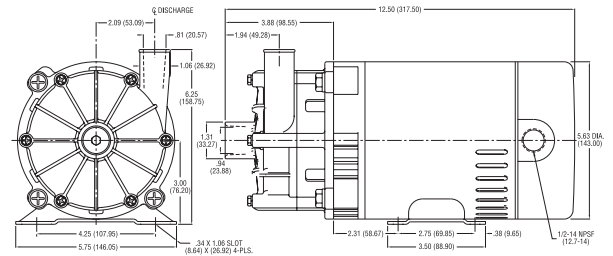
Model 11908-009 S



Model 16296-007 S



Model 16675-001 S



Model 12895-002 S

MODEL SPECIFICATIONS

MODEL SPECIFICATIONS																	
Model Number	Product Series	Electrical Characteristics					Seal Type	Materials in Contact with Solution						Connection Size/Type		Max Fluid Temp.	Wt.
		Voltage	Motor Type	Shell	Hz	Amps(*)		Body	Impeller	Shaft	Seal	Seal Plate	O-Ring	Inlete	Outlet	F°	lbs.
15970-003-S	149	12V-DC	Brush	TEFC	-	11.2	Mech	Aluminum	Noryl®	303 SST	Carbon/Ceramic/EPT	Ryton®	Viton®	.75"FTP	.75"FTP	220	7.5
15970-007-S	149	12V-DC	Brush	TEFC	-	11.2	Mech	Noryl®	Noryl®	303 SST	Carbon/Ceramic/EPT	Ryton®	Viton®	1.25"FTP	1.19"MBH	220	7.5
16296-007-S	149	208/230V-AC	Cap. St.	TEFC	50/60	1.0/1.4	Mech	Noryl®	Noryl®	303 SST	Carbon/Ceramic/EPT	Ryton®	Viton®	1.25"FTP	1.19"MBH	220	7.5
16296-008-S	149	208/230V-AC	Cap. St.	TEFC	50/60	1.0/1.4	Mech	Aluminum	Noryl®	303 SST	Carbon/Ceramic/EPT	Ryton®	Viton®	.75"FTP	.75"FTP	220	7.5
16296-009-S	149	115V-AC	Cap. St.	TEFC	50/60	1.9/2.6	Mech	Noryl®	Noryl®	303 SST	Carbon/Ceramic/EPT	Ryton®	Viton®	1.25"FTP	1.19"MBH	220	7.5
16296-010-S	149	115V-AC	Cap. St.	TEFC	50/60	1.9/2.6	Mech	Aluminum	Noryl®	303 SST	Carbon/Ceramic/EPT	Ryton®	Viton®	.75"FTP	.75"FTP	220	7.5
12895-002-S	120	115-AC	Cap. St.	ODP	50/60	5.2/2.6	Mech	Noryl®	Noryl®	Brass	Car/Cer/Nitrile/Neoprene	Noryl®	Viton®	1.3"STR	1.125"MBH	220	15
16675-001-S	2800	208/230V-AC	PSC	Open	50/60	1.5/1.0	Mech	Noryl®	Noryl®	303 SST	Carbon/316 SST/Nitrile	Butyl	Butyl	1.12"STR	1.2"MBH	220	6
16675-002-S	2800	115/230V-AC	PSC	Open	60	3.1	Mech	Noryl®	Noryl®	303 SST	Carbon/316 SST/Nitrile	Butyl	Butyl	1.12"STR	1.2"MBH	220	6
11908-009-S	3900	115/230V-AC	Cap. St.	ODP	50/60	7.6/3.8	Mech	Phenolic	Noryl®	316 SST	Car/Cer/316 SST/EPT	Phenolic	EPT	1.75"STR	1.56"MBH	220	16

* Amp values shown are max running amps.

Standard Features

- Noryl® or Nitrile Body Construction
- Noryl® or Nitrile Impellers
- Carbon and ceramic face seals or carbon and carbon face seals
- 115V/230V open, drip-proof, capacitor start, thermally protected motors
- 115V PSC Motor

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

Noryl® is a registered trademark of General Electric Co.

See price book page 45

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

CP119-120/0904

Magnetic Drive Pumps

**14520 Series, 15650 Series, 15700 Series
 17650 Series, 18650 Series:**

- Corrosion Resistant
- Dry Run Capability
- Hydraulically Efficient
- Quiet Operation
- No Shaft Seals
- Flexible Mounting and Body Discharge Position
- Low Current Draw and Heat Rise
- Maximum Flow 35 GPM
- Maximum System Pressure 75 PSI
- Maximum Head 53 Ft.
- Maximum Temperature 203° F
- Available in Noryl®, Polypropylene, or Ryton® bodies



Model 15700-051 S

Model 14520-051 S



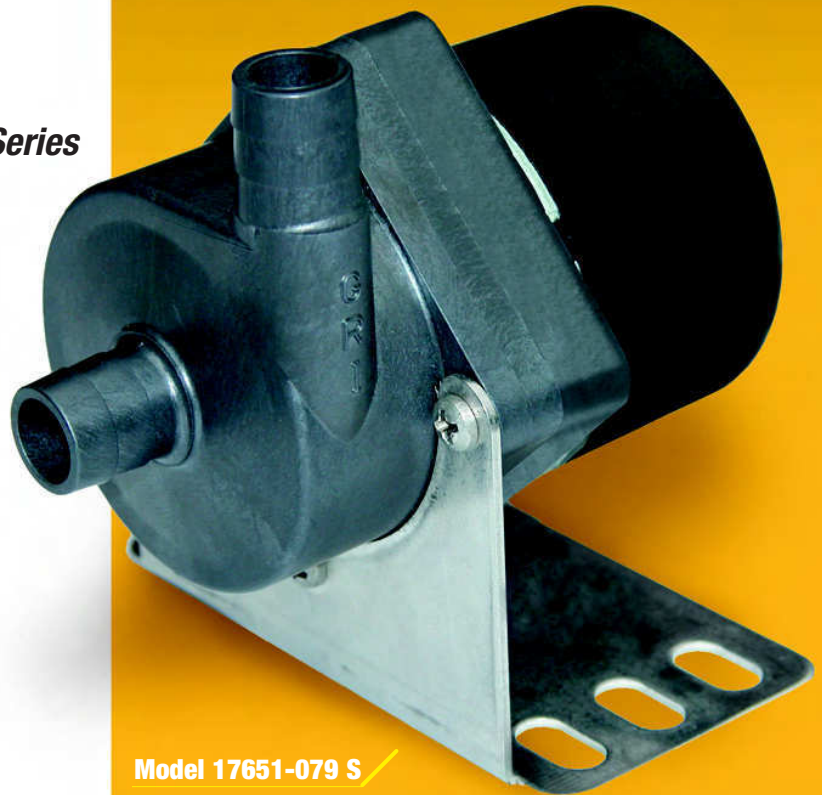
Model 18650-051 S

Operation is similar to the standard centrifugal pumps, except the impeller is driven with a magnetic coupling, eliminating the need for a shaft seal. Magnetic drive pumps must be used where flooded suction exists. Typical OEM applications include film processors, laser and x-ray cooling systems, medical, scientific and laboratory equipment and silver recovery equipment.

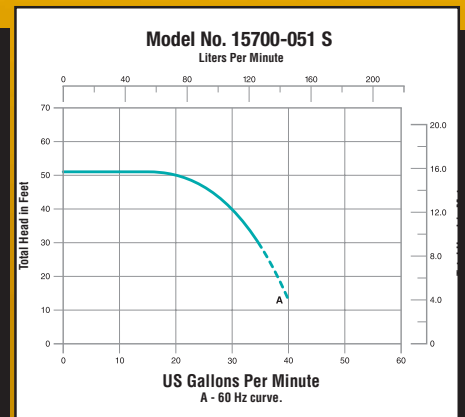
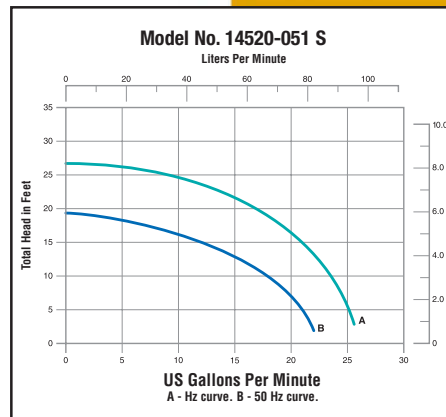
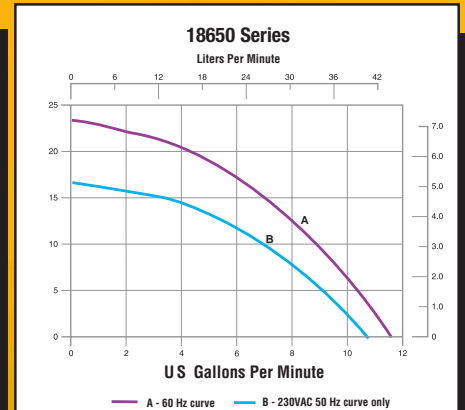
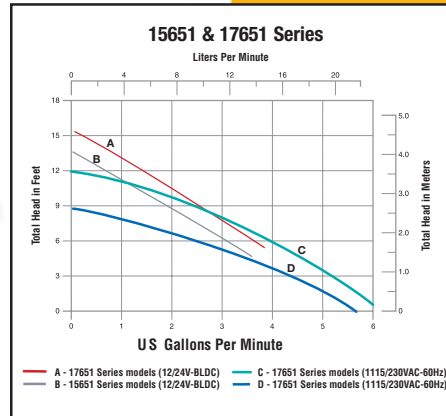
WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.

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 Noryl® is a registered trademark of General Electric Co.

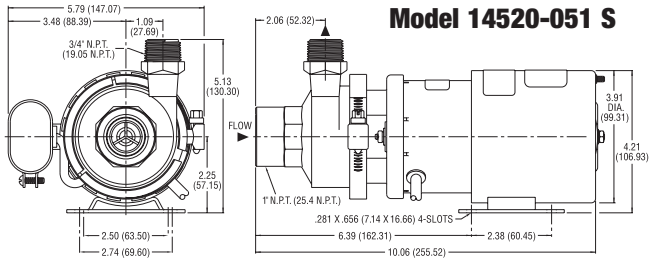
INDUSTRIAL DUTY



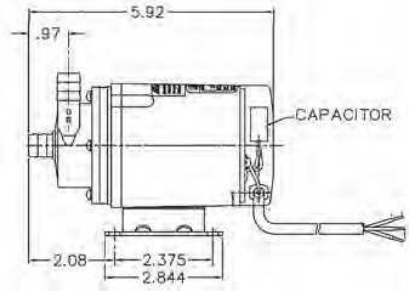
Model 17651-079 S



Magnetic Drive Pumps



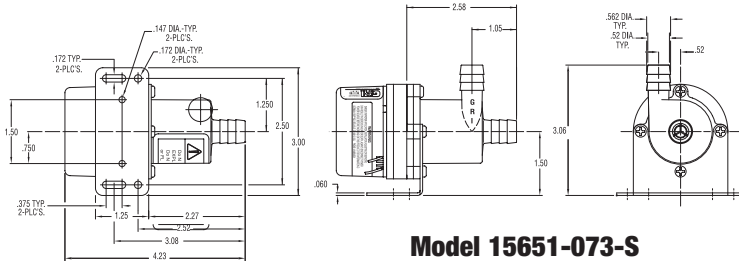
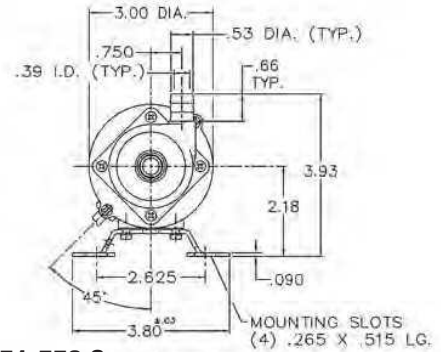
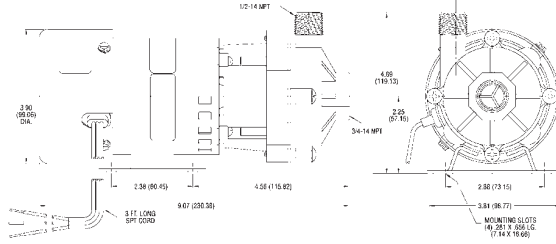
Model 14520-051 S



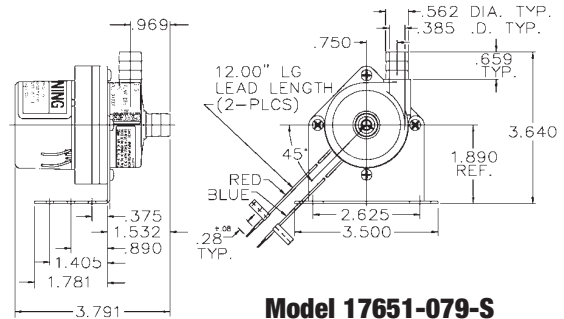
Model 17651-553 S

17651-553-S

Model 18650-051 S



Model 15651-073-S



Model 17651-079-S

MODEL SPECIFICATIONS													
Model Number	Electrical Characteristics					Materials in Contact with Solution					Connection Size/Type		Max Fluid Temp.
	Voltage	Motor Type	Shell	Hz	Amps(*)	Body	Impeller	Shaft	Bearings	O-Ring	Inlete	Outlet	F° lbs.
15651-073-S	12V-DC	Brushless	I.P. 30	-	1.5	Vectra®	Vectra®	Ceramic	Teflon®	Viton®	1/2" MHB	1/2" MHB	203 1
15651-075-S	24V-DC	Brushless	I.P. 30	-	0.75	Vectra®	Vectra®	Ceramic	Teflon®	Viton®	1/2" MHB	1/2" MHB	203 1
17651-079-S	12V-DC	Brushless	I.P. 30	-	1.5	Vectra®	Vectra®	Ceramic	Teflon®	Viton®	1/2" MHB	1/2" MHB	203 2
17651-081-S	24V-DC	Brushless	I.P. 30	-	0.75	Vectra®	Vectra®	Ceramic	Teflon®	Viton®	1/2" MHB	1/2" MHB	203 2
17651-551-S	115	1/60 HP SP	TENV	50/60	1	Noryl®	Vectra®	Ceramic	Teflon®	Viton®	1/2" MHB	1/2" MHB	203 3
17651-553-S	230	1/60 HP SP	TENV	50/60	1	Noryl®	Vectra®	Ceramic	Teflon®	Viton®	1/2" MHB	1/2" MHB	203 3
18650-051-S	115	1/12 HP SP	ODP	60	2.7	Polypropylene	Vectra®	Ceramic	Ceramic	Viton®	3/4" FPT	1/2" MPT	180 7
18650-053-S	230	1/12 HP SP	ODP	50/60	1.4	Polypropylene	Vectra®	Ceramic	Ceramic	Viton®	3/4" FPT	1/2" MPT	180 7
14520-051-S	115	1/5 HP PSP	TEFC	50/60	2.1	Ryton®	Ryton®	Ceramic	Carbon/Ceramic	Viton®	1" FPT	3/4" MPT	203 8
14520-053-S	230	1/5 HP PSP	TEFC	50/60	1.1	Ryton®	Ryton®	Ceramic	Carbon/Ceramic	Viton®	1" MPT	3/4" FPT	203 8

* Amp values shown are max running amps.

*Viton® is a registered trademark of DuPont *Note: .38 x .38 tubing

Standard Features

- Viton® Elastomers
- Impellers in either Vectra® or Ryton® with Epoxy adhesive
- Maximum system pressure to 75 PSI
- Drip-proof, shaded pole 115V 50/60 Hz motor
- TEFC, PSC, thermally protected 115V 50/60Hz motor
- Maximum temperature 203° F

See price book page 45

Ryton® is a registered trademark of Chevron-Phillips Noryl® is a registered trademark of General Electric Co.

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

CP121-122/1106

Oscillating Pump

Coil Spring Oscillating Pump:

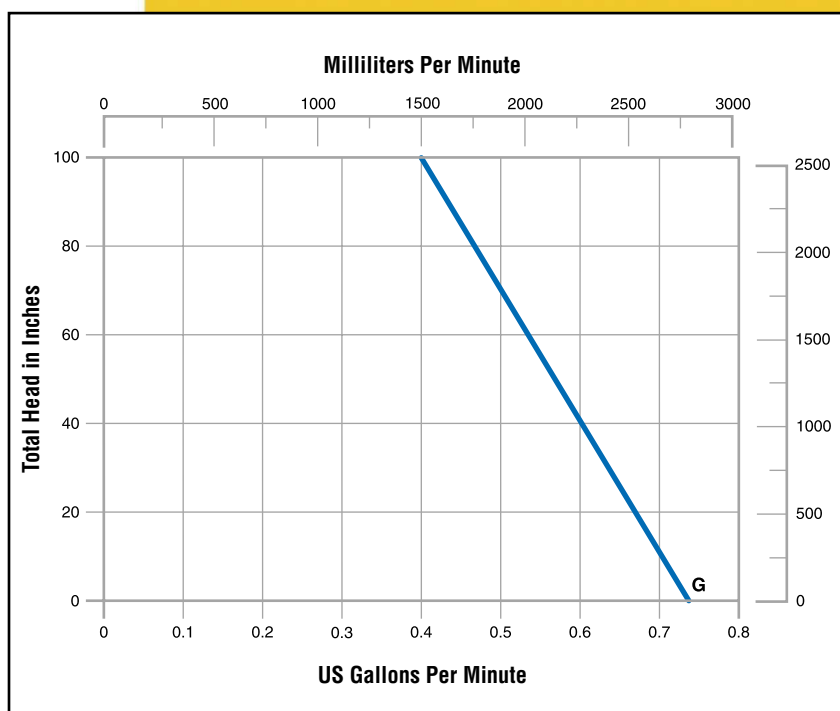
- **Self-Priming to 48 Inches**
- **No Dynamic Seals**
- **Compact**
- **Lightweight**
- **Economical**
- **Can Operate Continuously**
- **Moisture & Corrosion Resistant Coil**
- **Coil Spring Offers Higher Flow & Efficiency and Greater Priming Ability**
- **Flow to .7 GPM**
- **Discharge Head to 8.3 Ft.**
- **Maximum Temperature to 104° F**

Oscillating pumps are self-priming, corrosion resistant, have no dynamic seals and are constructed from FDA accepted materials. An elastomeric impeller extends through a spring and armature and into an electric coil. A diode in the circuit feeds DC impulses to the electrical coil 60 times per second. Each pulse draws the armature and impeller forward against the spring, causing the impeller to pump a volume of liquid out through the outlet port. The spring then returns the armature and impeller to their starting position, drawing liquid through the inlet. A valve in the impeller prevents backflow of liquid. Actual flow may vary from pump to pump. These pumps are intended for replenishing, transfer and circulating installations. Typical OEM applications include film and microfilm processors, litho and graphic arts plate processors, detergent dispensing, chemical mixing, medical, scientific and laboratory equipment.

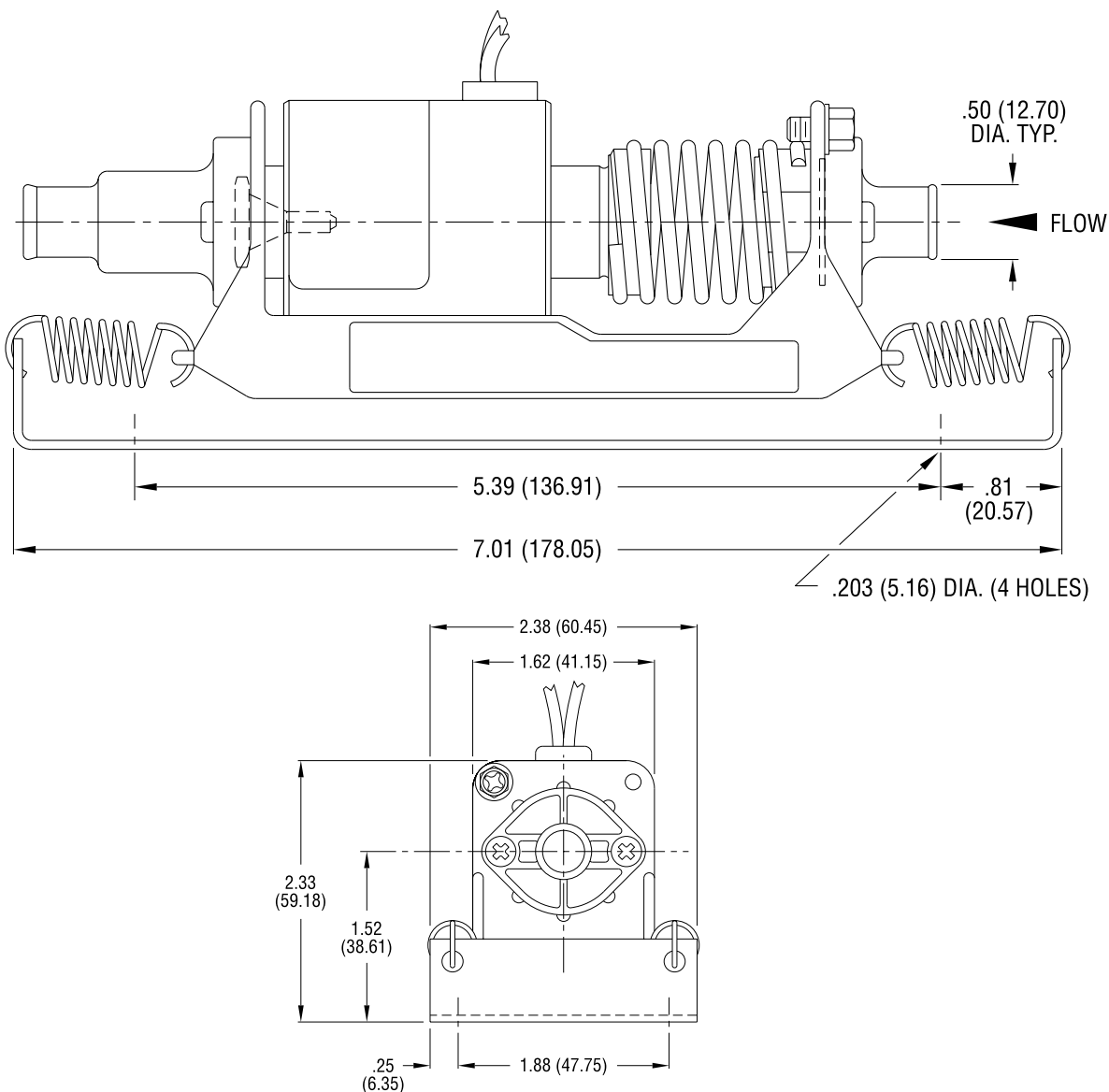
WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.



Model 1700-002 S



Oscillating Pump



Catalog Number Stock No.	Description/ Type of Pump	Ship Wt (Lbs.)	Driver Type & HP	Port size Suc x Dis (tube)	Basic Construction	Seal Type & Elastomer /Faces	50/60 HZ VAC	FL Amps	Motor Enclosure
17000-002 S	Oscillating Pump	1	Coil	7/16" or 12mm	Polypropylene	EPT	115	0.38	Coil

Standard Features

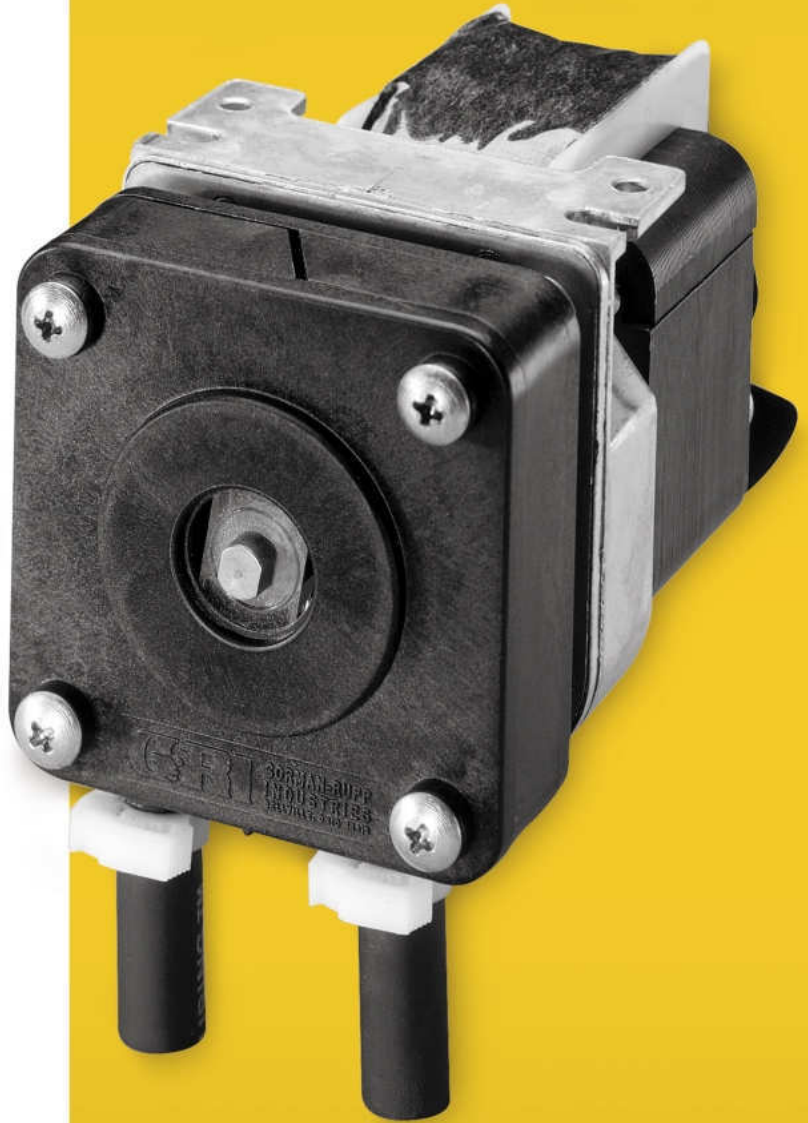
- Impeller and Valve material EPT
- 24" Black/24" White electrical leads and .25" Male Spade terminals
- Mounted with 4 springs and bracket
- Maximum temperature to 104° F
- EPT & Glass-Reinforced Polypropylene materials in contact with solution

Peristaltic Pumps

- **Low Cost**
- **Minimal Maintenance**
- **No Valves or Seals**
- **Self-priming to 20 ft.**
- **Chemically Resistant**
- **Easy Service**
- **Mounting Flexibility**
- **Maximum Flow 360 ml / min**
- **Maximum Discharge Pressure 20 PSI**
- **Tubing Length 9"**
- **Maximum Temperature 275° F**

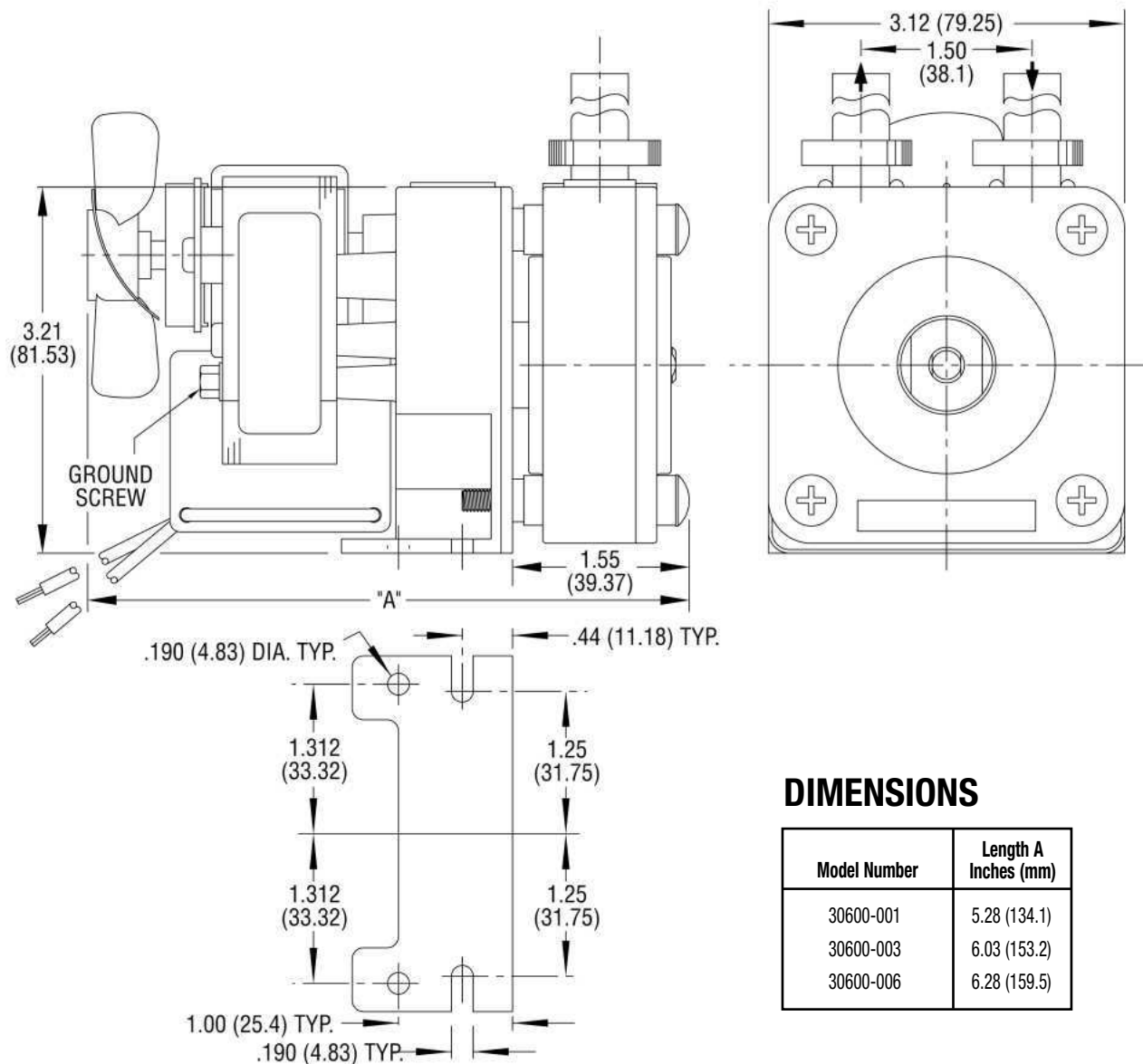
Peristaltic pumps operate on a positive displacement principle. Because there are few moving parts and no valves or seals, peristaltic pumps are virtually maintenance free. No tools or disassembly is required to replace the tubing. These pumps are ideal for slurries, abrasive, viscous and corrosive liquids because only the tubing is in contact with the solution. OEM applications include a variety of chemical dispensing systems.

WARNING: Do not use in explosive atmosphere or for pumping volatile flammable liquids.



**Models 30600-001 S,
30600-003 S, 30600-006 S**

Peristaltic Pumps



DIMENSIONS

Model Number	Length A Inches (mm)
30600-001	5.28 (134.1)
30600-003	6.03 (153.2)
30600-006	6.28 (159.5)

Catalog Number Stock No.	Description/ Type of Pump	Flow Rate in ml/min.	Ship Wt (Lbs)	Driver Type & HP	Port size Suc x Dis (tube)	Basic Construction	Seal Type & Elastomer/ Faces	VAC	FL Amps	Motor Enclosure	RPM
30600-001 S	Peristaltic Pump	45	4	Sub Frac/SP	.25"ID	Norprene®	No seals	115	0.5	C-Frame	15
30600-003 S	Peristaltic Pump	180	5	Sub Frac/SP	.25"ID	Norprene®	No seals	115	1.1	C-Frame	63
30600-006 S	Peristaltic Pump	360	5	Sub Frac/SP	.25"ID	Norprene®	No seals	115	1.6	C-Frame	120

Standard Features

- Thermally protected, shaded pole 115V, 50/60 Hz motor
- Norprene® 9" tubing
- Tubing I.D. .25"
- Maximum fluid temperature 275° F
- No valves or seals



Rotary Drum Pumps

- **Model 5270-98 Features:**
 - **316 Stainless Steel Construction with Teflon® Seals and Carbon Vanes**
- **Models 4820-95 and 5540-95 Feature:**
 - **Cast Iron Construction with Buna-N Seals and Carbon Vanes**
- **High Flow Model 5540-95**
 - **Delivers 15 GPM**
- **Model 4820-95**
 - **Delivers 10 GPM**
- **Model 4942-99 Features:**
 - **Ryton® Construction with Teflon® Seals and Ryton® Rotors and Vanes**
- **Model 4946-99 Features:**
 - **Polypropylene Construction with Teflon® Seals and Ryton® Vanes**
- **Model 5150-96 Features:**
 - **Aluminum Lobe Pump with Machined Steel Lobes and Buna-N Seals**
- **All Models are Self-priming and Include Suction and Discharge Tube**

**AMT Rotary Drum Pumps are available
"Off-the-Shelf"
for 24 hour shipment!!**

AMT Rotary Drum pumps are offered in a variety of construction materials for dispensing most types of liquids and chemicals. All units include discharge spout, bung adapter and suction tube assembly. Each model is available **"Off-the-Shelf"** for 24 hour shipment. AMT Rotary Drum pumps are designed for pumping liquids compatible with pump component materials.

Viton® and Teflon® are registered trademarks of E.I. DuPont
Ryton® is a registered trademark of Chevron-Phillips

INDUSTRIAL DUTY



**Model 5270-98
316 Stainless Steel**



**Model 5540-95
High Flow--
Delivers 15 GPM**



Model 4820-95:

- **Cast Iron Construction with Carbon Vanes and Steel Components**
- **Buna-N Seal and Fiber Gasket**
- **Maximum Temperature 160° F**
- **5 GPM @ 70 RPM (10 Oz/Stroke)**
- **3/4" NPT Steel Discharge Spout**
- **1" NPT x 40" Steel Suction Tube Assembly**
- **2" Cast Iron Bung Adapter**
- **Ship Wt. 12 Lbs.**

Cast Iron Drum pump is designed for the transfer and dispensing of gasoline, lubricating oil and other non-corrosive liquids which are compatible with pump component materials.*



Model 4942-99:

- **Ryton® Construction with Ryton® Rotor and Vanes**
- **Maximum Temperature 160° F**
- **6 GPM @ 70 RPM (11 Oz/Stroke)**
- **1" O. D. Ryton® Discharge Spout Assembly**
- **1" ID x 45" Ryton® Suction Tube Assembly**
- **2" Bung Adapter**
- **Ship Wt. 8 Lbs.**

Ryton® Drum pump is designed for the transfer, pumping and dispensing of aggressive chemicals including many esters, alcohols and hydrocarbons which are compatible with pump component materials.*



Model 4946-99:

- **Polypropylene Construction with Ryton® Rotor and Vanes**
- **Teflon® Seals**
- **Maximum Temperature 130° F**
- **6 GPM @ 70 RPM (11 Oz/Stroke)**
- **1" O. D. Ryton® Discharge Spout Assembly**
- **1" ID x 45" Polypropylene Suction Tube Assembly**
- **2" Bung Adapter**
- **Ship Wt. 5 Lbs.**

Polypropylene Drum pump is designed for the transfer and dispensing of many organic acids, alcohols and other water soluble inorganic chemicals which are compatible with pump component materials.*



Model 5150-96:

- **Cast Aluminum Construction with Cast Iron and Steel Components**
- **Buna-N Seals and Fiber Gaskets**
- **Maximum Temperature 160° F**
- **Suction Strainer Included**
- **16 GPM @ 70 RPM (29 Oz/Stroke)**
- **1" NPT Steel Discharge Spout**
- **1" NPT x 40" Suction Tube Assembly**
- **2" Cast Iron Bung Adapter**
- **Ship Wt. 14 Lbs.**

High Flow Rotary Lobe Drum pump is designed for high volume transfer and dispensing of many lubricating oils and non-corrosive light liquids other than water which are compatible with pump component materials.*



Model 5270-98:

- **Investment Cast 316 Stainless Steel Construction with Carbon Vanes**
- **Teflon® Lip Seal**
- **Maximum Temperature 200° F**
- **5 GPM @ 70 RPM (10 Oz/Stroke)**
- **1" NPT x 40" Stainless Steel Suction Tube Assembly**
- **3/4" NPT Stainless Steel Discharge Spout**
- **Stainless Steel Bung Adaptor Fits 1 1/2" to 2" NPT**
- **Ship Wt. 16 Lbs.**

Stainless Steel Drum pump is designed for use in dispensing and transferring chemicals and liquids including many acids, acetones, alcohols, trichloroethylene, solvents, photographic chemicals, and ketones which are compatible with pump component materials.*



Model 5540-95:

- **Cast Iron Construction with Carbon Vanes and Steel Components**
- **Buna-N Seal and Fiber Gasket**
- **Maximum Temperature 160° F**
- **8 GPM @ 70 RPM (14 Oz/Stroke)**
- **1" NPT Steel Discharge Spout**
- **1" NPT x 40" Steel Suction Tube Assembly**
- **2" Cast Iron Bung Adapter**
- **Ship Wt. 18 Lbs.**

High Flow Cast Iron Drum pump is designed for the transfer and dispensing of gasoline, lubricating oil and other non-corrosive liquids which are compatible with pump component materials.*

Models 5270-98 and 5540-95 have Padlock provision to prevent rotation.

AMT Drum pumps are capable of handling compatible liquids with a maximum 5000 SSU viscosity @ minimum 60° F liquid temperature (Equivalent to SAE 40 motor oil).

Warranty is void when used beyond compatibility and temperature shown for each product.

(*) Always refer to a chemical resistance chart to confirm compatibility

128 oz. = 1 Gallon



Piston Drum Pumps

➤ 5750-99 Features:

- All Polyethylene Construction
- Delivers 25 oz. per Stroke

➤ Model 4660-99 Features:

- Polypropylene Construction with Viton® and Nitrile/Cork Seals and Teflon® Piston Ring
- Delivers 20 oz. per Stroke

➤ Model 4661-99 Features:

- Nylon Construction with Viton® and Nitrile/Cork Seals and Teflon® Piston Ring
- Delivers 20 oz. per Stroke

➤ Model H03/4A4-36DK Features:

- Cast Iron Construction with Buna-N Seal and Bronze Valves
- Delivers 6 GPM, .10 of a Gallon Per Stroke
- Suction and Discharge Tube Included
- Self Priming
- Compact

**AMT Piston Drum Pumps
are available
"Off-the-Shelf"
for 24 hour shipment !!**

AMT Piston Drum pumps are offered in a variety of construction materials for dispensing most types of liquids and chemicals. Each model is available "Off-the-Shelf" for 24 hour shipment.

AMT Piston Hand pumps are designed for pumping liquids compatible with pump component materials.

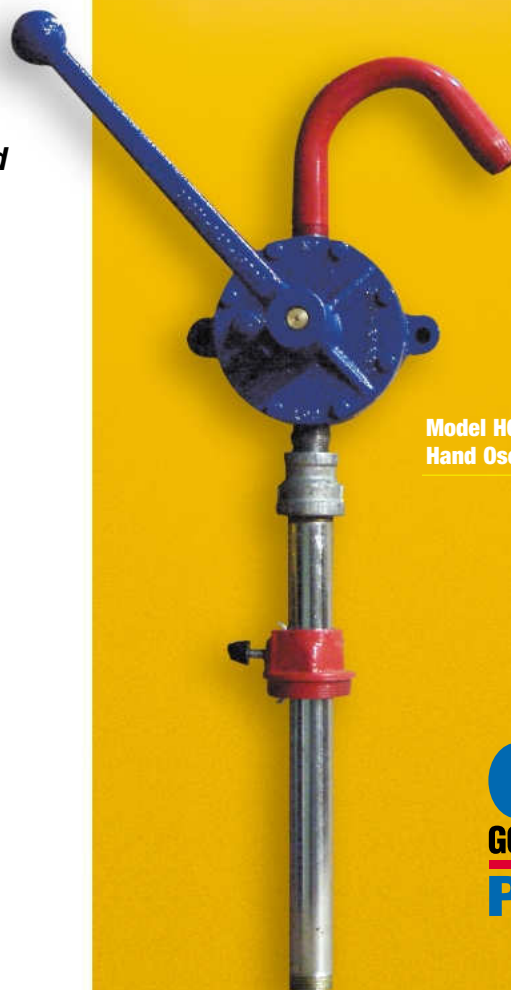
Viton® and Teflon® are registered trademarks of E.I. DuPont

INDUSTRIAL DUTY

Model 4661-99
Nylon Construction



Model H03/4A4 -36DK
Hand Oscillating



GOR
GORMAN-RUPP
PUMPS



Model 4660-99:

- Polypropylene Construction with Stainless Steel Components
- Viton® and Nitrile/Cork Seals and Teflon® Piston Ring
- Maximum Temperature 130° F
- 22 oz. Per Stroke
- 3/4" NPT Discharge Port
- 3/4" x 40" Polypropylene Suction Tube Assembly
- 2" Polypropylene Bung Adapter
- Ship Wt. 7 Lbs.

Polypropylene Drum pump is designed for transfer and dispensing of liquids within a pH range of 4 to 11. Includes many organic acids, alcohols and water soluble inorganic chemicals which are compatible with pump component materials.*



Model 4661-99:

- Nylon Construction with Stainless Steel Components
- Viton® and Nitrile/Cork Seals and Teflon® Piston Ring
- Maximum Temperature 130° F
- 22 oz. Per Stroke
- 3/4" NPT Discharge Port
- 3/4" x 40" Nylon Suction Tube Assembly
- 2" Nylon Bung Adapter
- Ship Wt. 7 Lbs.

Nylon Drum pump is designed for the transfer and dispensing of liquids within a pH range of 7 to 9. Includes many oils, detergents and lubricants which are compatible with pump component materials.*

AMT Drum pumps are capable of handling compatible liquids with a maximum 5000 SSU viscosity @ minimum 60° F liquid temperature (Equivalent to SAE 40 motor oil). Warranty is void when used beyond compatibility and temperature shown for each product.

**** Always refer to a chemical resistance chart to confirm compatibility***



Model 5750-99:

- Polyethylene Construction with Stainless Steel Components
- Maximum Temperature 158° F
- 25 oz. Per Stroke
- 1" NPT Discharge Port
- 2" Bung Adapter with Depth Adjustment up to 35"
- Discharge Cap to Seal Liquid From Atmosphere
- Self-priming (to 3 ft. Lift)
- Ship Wt. 3 Lbs.

Polyethylene Drum pump handles many harsh liquids including many alkalies, chemicals, acids and solvents which are compatible with pump component materials.*



Cast Iron Hand Oscillating pump is a high quality unit designed for the transfer of and dispensing of lubricating oils and other non-corrosive liquids which are compatible with pump component materials. Pumps will have suction lift of 15 ft. Provides accurate measurement of fluids and will provide up to 50 PSI for prelube applications.

Model H03/4A4-36DK:

- Cast Iron Construction
- Buna-N Seal, Bronze Valves and Fiber Gasketing
- Maximum Temperature 120° F
- Maximum Pressure 50 PSI
- 6 GPM @ 60 Strokes per Minute
- 3/4" Suction Tube and Discharge Spout
- 2" Bung Adapter
- Ship Wt. 13 lbs.

128 Oz. = 1 Gallon



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See price book page 46

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

CP129-132/0906