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PRODUCT LINE

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"Live a good, honorable life. Then when you get older and think back, you'll enjoy it a second time."

—Old Hillbilly Wisdom

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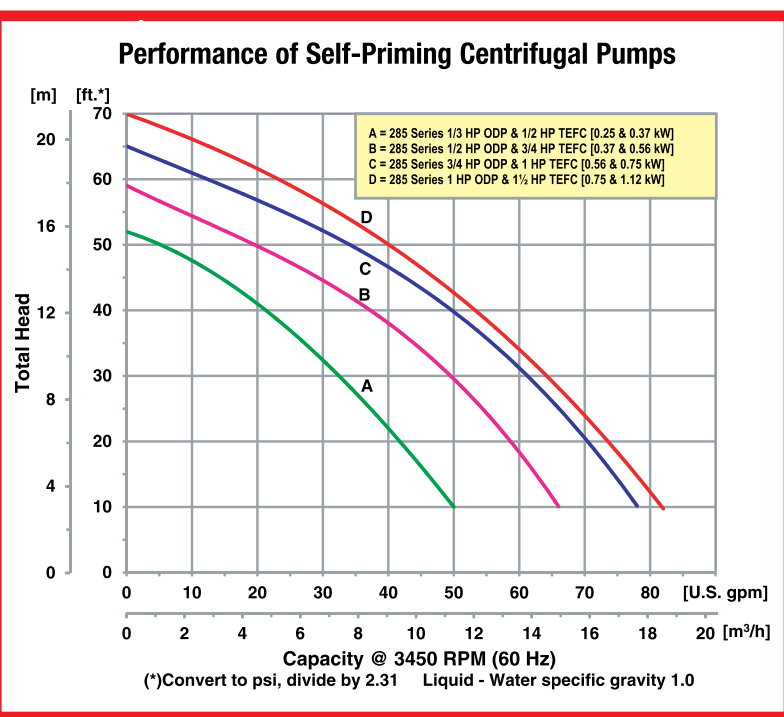
1" & 1-1/4" SELF-PRIMING CAST IRON CENTRIFUGAL PUMPS



Model 285F-95

- **Cast Iron Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **Optional Viton® or Silicon Carbide Mechanical Seal and O-Ring**
- **1" & 1-1/4" NPT Suction and Discharge Ports**
- **Maximum Temperature 180° F**
- **Maximum Flow 82 GPM**
- **Maximum Head 70 Ft.**
- **Self-Priming to 20 Ft.**
- **Self-Cleaning, Semi-Open Impeller**
- **Solids Handling and Dirty Water Design**
- **1/3 to 1-1/2 HP Single or Three Phase Motors**

The AMT Self-Priming Cast Iron Centrifugal pumps are designed for dirty water, 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 impeller. Pumps are designed to handle liquids with solids content or dissolved solids and debris. The units will self-prime to 20 feet. Mounting base features 7/16" mounting holes, which are 6" OC (on center). Built-in carrying handle offers portability.



"Live simply. Love generously. Care deeply. Speak kindly. Leave the rest to God."

—Old Hillbilly Wisdom



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1" & 1-1/4" SELF-PRIMING CAST IRON CENTRIFUGAL PUMPS

Pump Dimensional & Specification Data

Model	Curve	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	SUC*	DIS*	L**	W**	H	Ship Wt. (Lbs.)
2851-95	A	1/3	1	ODP	115/230	8/4	1	1	16.8 [42.7]	6.8 [17.7]	7.2 [18.3]	38
285E-95		1/2	1	TEFC	115/230	9/5			17.3 [43.9]	8.8 [22.3]	7.2 [18.3]	42
2852-95	B	1/2	1	ODP	115/230	10/5	1 1/4	1 1/4	17.0 [43.2]	6.8 [17.7]	7.2 [18.3]	39
285F-95		3/4	1	TEFC	115/230	9/5			17.8 [45.2]	8.8 [22.3]	7.2 [18.3]	55
285P-95		3/4	3	TEFC	230/460	3/2			17.3 [43.9]	8.8 [22.3]	8.6 [21.8]	45
2853-95	C	3/4	1	ODP	115/230	13/7	1 1/4	1 1/4	17.5 [44.4]	6.8 [17.7]	7.2 [18.3]	43
285G-95		1	1	TEFC	115/230	12/6			18.0 [45.7]	8.8 [22.3]	7.2 [18.3]	56
285J-95		1	3	TEFC	230/460	4/2			16.6 [42.1]	8.8 [22.3]	8.6 [21.8]	48
2855-95	D	1	1	ODP	115/230	17/9	1 1/4	1 1/4	18.3 [46.5]	6.8 [17.7]	7.2 [18.3]	55
285H-95		1 1/2	1	TEFC	115/230	18/9			18.5 [47.0]	8.8 [22.3]	7.2 [18.3]	58
285K-95		1 1/2	3	TEFC	230/460	5/3			18.3 [46.5]	8.8 [22.3]	8.6 [21.8]	56

(*) Standard NPT (Female) pipe thread.

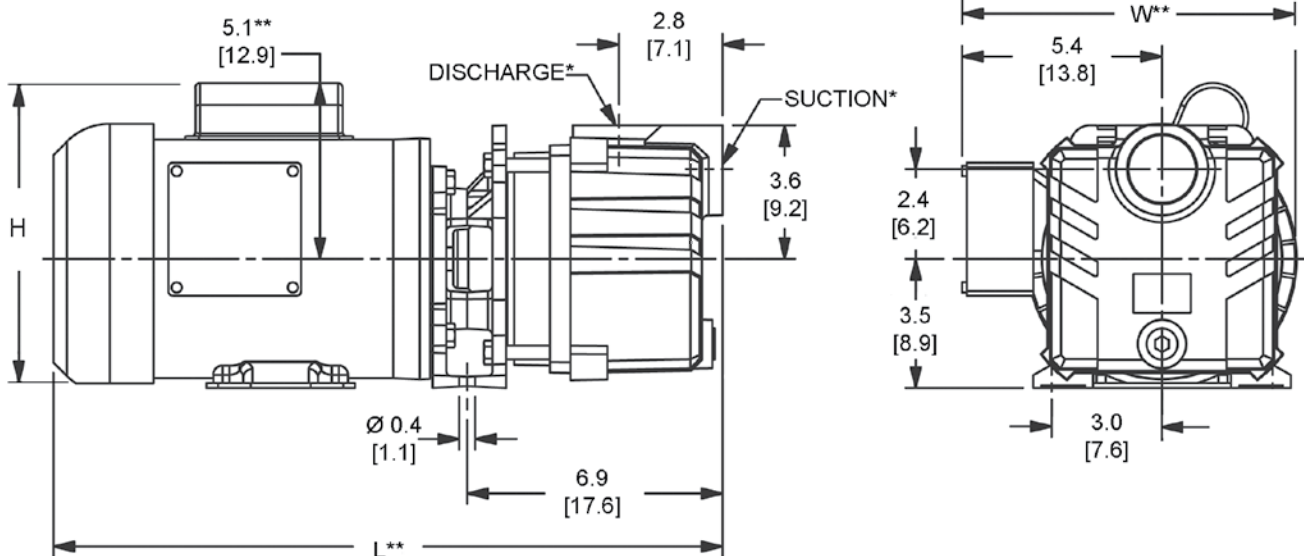
(**) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase motors can also operate on 50 Hz. (this will change full load amps, service factor and RPM)

NOTE: Dimensions are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

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

Maximum Solids Handling Capacity: 1/4" Diameter



Standard Features

- Cast Iron Construction
- Buna-N Mechanical Seal and O-Ring with optional Viton® or Silicon Carbide Mechanical Seal and O-ring
- 1" & 1-1/4" NPT Suction and Discharge Ports
- Dual Volute Design Reduces Radial Load on Motor
- Maximum Working Pressure 75 PSI
- Maximum Temperature 180° F
- Single or Three Phase, ODP or TEFC Motors Available
- Self-cleaning, Semi-open Impeller
- QSP – Quick Ship Pump for Many Models

Hazardous Duty/Xplosion Proof motors available from stock ranging from 1 to 10 HP; CALL FOR QUOTATION & LEAD TIME!

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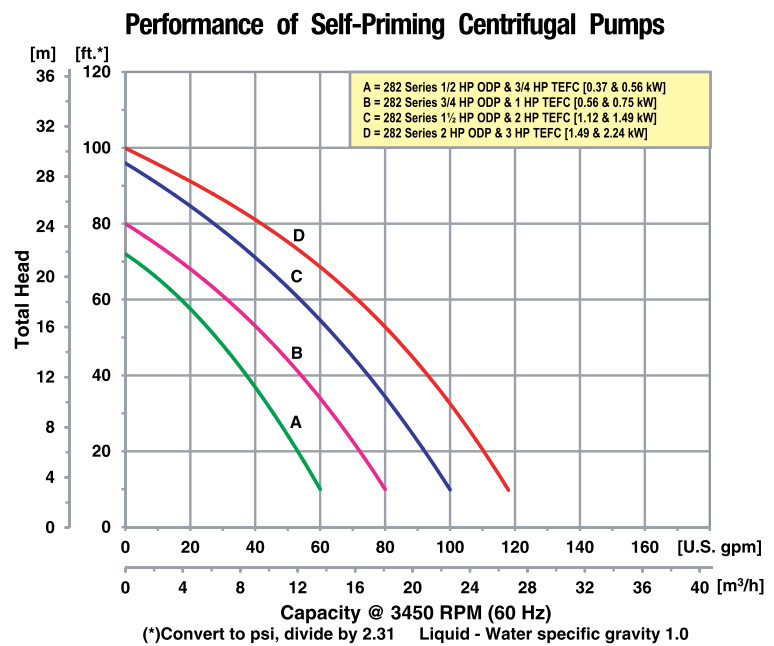
1-1/2" SELF-PRIMING CENTRIFUGAL PUMPS



Model
282K-95

- **300 Series Investment Cast Stainless Steel Construction with Viton® Seals**
- **Cast Iron Construction with Buna-N Seals**
- **Optional Silicon Carbide Seals Available**
- **1-1/2" NPT Port Size**
- **Maximum Temperature**
 - **Stainless Steel 200° F**
 - **Cast Iron 180° F**
- **Maximum Flow 120 GPM**
- **Maximum Head 102 Ft. (44 PSI)**
- **Self-Priming up to 20 Feet with Built-in Check Valve**
- **Self-Cleaning, Clog Resistant Impeller**
- **Solids Handling and Dirty Water Design**
- **1/2 to 3 HP 56J Single or 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. Pumps are designed to handle liquids with solids content or dissolved solids and debris. These pumps feature a self-cleaning clog resistant impeller capable of handling up to 3/8" diameter semi-solids. Built-in flapper/check valve enables consistent self-priming to 20 feet. 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.



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1-1/2" SELF-PRIMING CENTRIFUGAL PUMPS

Pump Dimensional & Specification Data

Model #	Curve	HP	PH	ENC	Voltage @ 60 Hz +	Full Load Amps	SUC*	DIS*	L**	W**	H	Ship Wt. (Lbs.)
2827	A	1/2	1	ODP	115/230	10/5	1 1/2	1 1/2	16.7 [42.4]	7.3 [18.8]	9.9 [25.4]	54
282D		3/4	1	TEFC	115/230	9/5			17.4 [44.2]	9.1 [23.1]	9.9 [25.4]	60
282F		3/4	3	TEFC	230/460	3/2			17.0 [43.2]	9.1 [23.1]	9.9 [25.4]	55
2825	B	3/4	1	ODP	115/230	13/7			17.2 [43.7]	7.3 [18.8]	9.9 [25.4]	60
282C		1	1	TEFC	115/230	12/6			17.7 [45.0]	9.1 [23.1]	9.9 [25.4]	61
282K		1	3	TEFC	230/460	4/2			16.3 [41.4]	9.1 [23.1]	9.9 [25.4]	60
2821	C	1 1/2	1	ODP	115/230	22/11			18.0 [45.7]	7.3 [18.8]	9.9 [25.4]	65
2822		1 1/2	3	ODP	230/460	7/4			17.5 [44.4]	7.3 [18.8]	9.9 [25.4]	62
282A		2	1	TEFC	115/230	22/11			18.9 [48.0]	9.1 [23.1]	9.9 [25.4]	73
282B		2	3	TEFC	230/460	6/3			18.5 [47.0]	9.1 [23.1]	9.9 [25.4]	66
2828	D	2	1	ODP	115/230	28/14			18.0 [45.7]	7.3 [18.8]	9.9 [25.4]	73
282L		2	3	ODP	230/460	7/4			18.0 [45.7]	7.3 [18.8]	9.9 [25.4]	69
282E		3	1	TEFC	230	16			19.4 [49.2]	9.1 [23.1]	9.9 [25.4]	82
282M		3	3	TEFC	230/460	8/4			19.0 [48.2]	9.1 [23.1]	9.9 [25.4]	70

(*) 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 are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

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

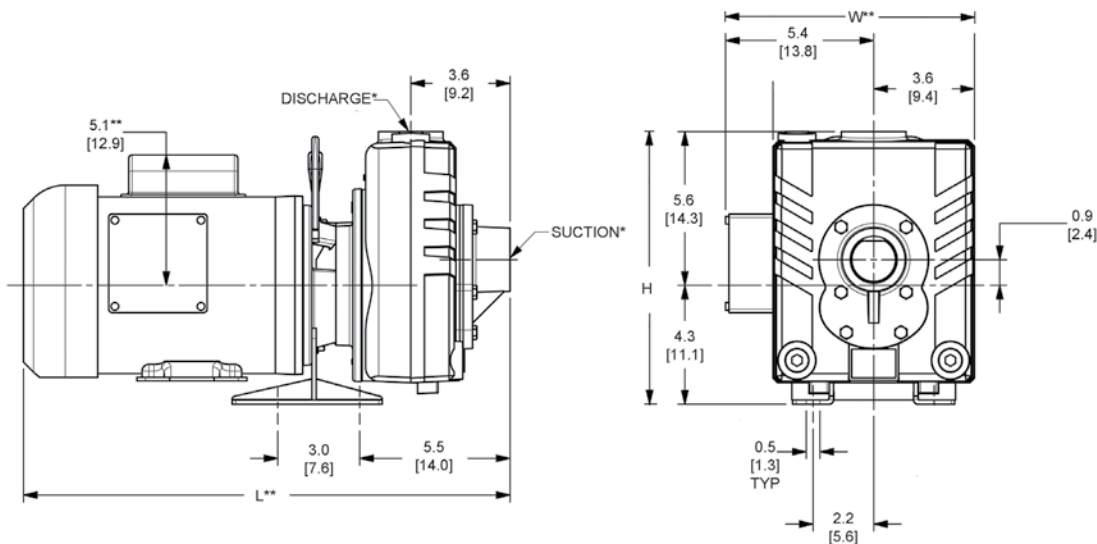
Maximum Solids Handling Capacity: 3/8" Diameter

‡ Add Suffix -97 or -98 for Specific Model (Ex. 3890-97)

(-97) Cast Bronze Construction with Stainless Steel

Impeller and Viton® Seals

(-98) Cast Stainless Steel Construction with Teflon® Seals



Standard Features

- 300 Series Investment Cast Stainless Steel Construction with Viton® Seals
- Cast Iron Construction with Buna-N Seals
- Handles 3/8" Diameter Semi-solids
- NEMA 56J Motors with Stainless Steel Shaft
- Maximum Working Pressure 75 PSI
- Available in ODP or TEFC, Single or Three Phase Motors
- Self-primes to 20 Ft.
- Self-cleaning, Clog Resistant Impeller
- Steel Base and Handle Included
- Dual Volute Design
- QSP – Quick Ship Pump for Many Models

Hazardous Duty/Xplosion Proof motors available from stock ranging from 1 to 10 HP; CALL FOR QUOTATION & LEAD TIME!

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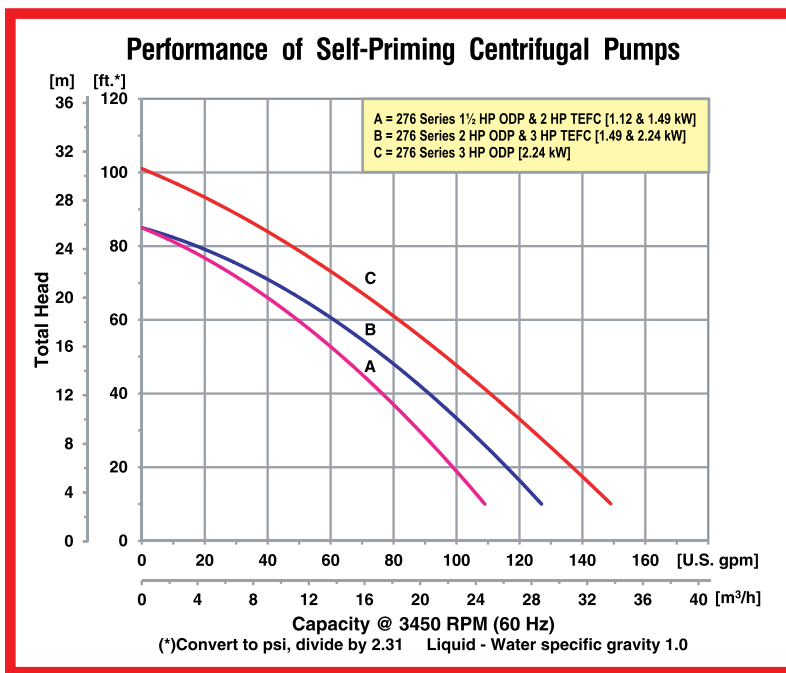
2" SELF-PRIMING CENTRIFUGAL PUMPS



Model
276D-95

- **300 Series Investment Cast Stainless Steel Construction with Viton® Seals**
- **Cast Iron Construction with Buna-N Seals**
- **Optional Silicon Carbide Seals Available**
- **2" NPT Port Size**
- **Maximum Temperature**
 - ◆ **Stainless Steel 200° F**
 - ◆ **Cast Iron 180° F**
- **Maximum Flow 150 GPM**
- **Maximum Head 102 Ft. (44 PSI)**
- **Self-Priming up to 20 Feet with Built-in Check Valve**
- **Self-Cleaning, Clog Resistant Impeller**
- **Solids Handling and Dirty Water Design**
- **1-1/2 to 3 HP Single or 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. Pumps are designed to handle liquids with solids content or dissolved solids and debris. These pumps feature a self-cleaning clog resistant impeller capable of handling up to 3/8" diameter semi-solids. Built-in flapper/check valve enables consistent self-priming to 20 feet. 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.



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2" SELF-PRIMING CENTRIFUGAL PUMPS

Pump Dimensional & Specification Data

Model ‡	Curve	HP	PH	ENC	Voltage @ 60 Hz +	Full Load Amps	SUC*	DIS*	L**	W**	H	‡ Ship Wt. (Lbs.)
2762	A	1½	1	ODP	115/230	17/9	2	2	19.3 [49.0]	7.5 [19.0]	11.1 [28.1]	73
2764		1½	3	ODP	230/460	7/4	2	2	18.8 [47.7]	7.5 [19.0]	11.1 [28.1]	70
276B		2	1	TEFC	115/230	22/11	2	2	20.3 [51.5]	9.1 [23.1]	11.1 [28.1]	81
276D		2	3	TEFC	230/460	6/3	2	2	19.8 [50.3]	9.1 [23.1]	11.1 [28.1]	74
2761	B	2	1	ODP	115/230	28/14	2	2	19.3 [49.0]	7.5 [19.0]	11.1 [28.1]	81
2763		2	3	ODP	230/460	7/4	2	2	19.3 [49.0]	7.5 [19.0]	11.1 [28.1]	77
276A		3	1	TEFC	230	16	2	2	20.8 [52.8]	9.1 [23.1]	11.1 [28.1]	90
276C		3	3	TEFC	230/460	8/4	2	2	20.3 [51.5]	9.1 [23.1]	11.1 [28.1]	78
2767	C	3	1	ODP	230	18	2	2	20.5 [52.1]	7.5 [19.0]	11.1 [28.1]	87
2766		3	3	ODP	230/460	9/5	2	2	20.3 [51.5]	7.5 [19.0]	11.1 [28.1]	87

(*) 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 are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

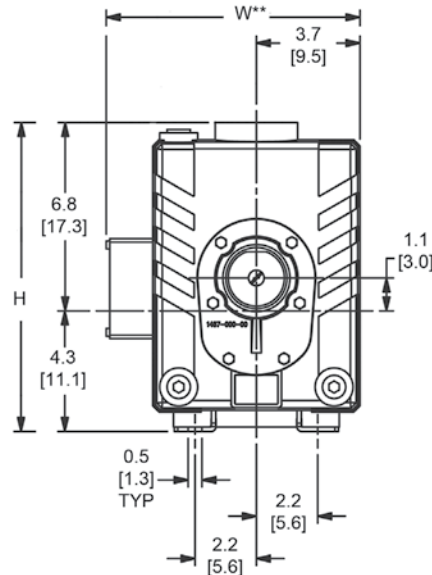
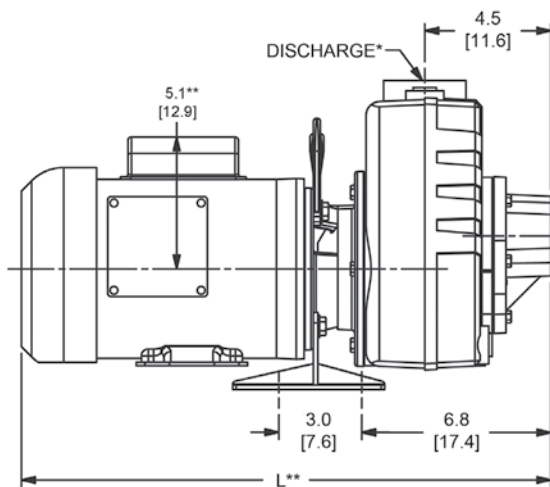
NOTE: Electric supply for **ALL** motors must be within $\pm 10\%$ of nameplate voltage rating (e.g. 230V $\pm 10\%$ = 207 to 253).

Maximum Solids Handling Capacity: 3/8" Diameter

‡ Add Suffix -95 or -98 for Specific Model (Ex. 2761-95)

(-95) Cast Iron Construction with Buna-N Seals

(-98) Cast Stainless Steel Construction with Viton® Seal



Standard Features

- 300 Series Investment Cast Stainless Steel Construction with Viton® Seals
- Cast Iron Construction with Buna-N Seals
- Handles 3/8" Diameter Semi-solids
- NEMA 56J Motors with Stainless Steel Shaft
- Maximum Working Pressure 75 PSI
- Available in ODP or TEFC, Single or Three Phase Motors
- Self-priming to 20 Ft.
- Self-cleaning, Clog Resistant Impeller
- Steel Base and Handle Included
- Dual Volute Design
- QSP – Quick Ship Pump for Many Models

**Hazardous Duty/Xplosion Proof motors available from stock ranging from 1 to 10 HP;
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SELF-PRIMING CAST IRON SEWAGE & TRASH PUMPS

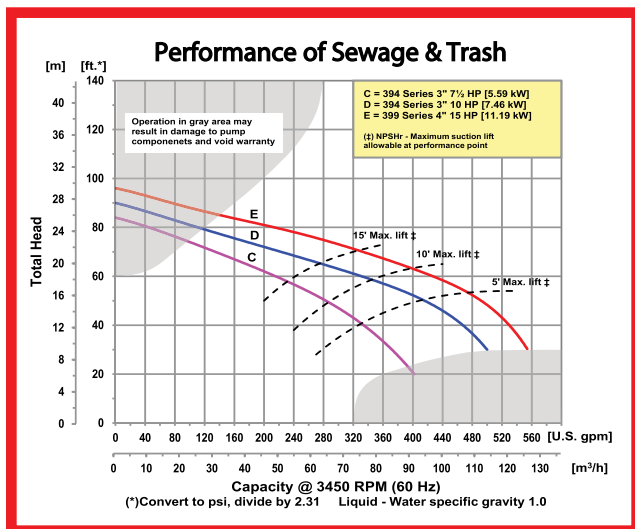
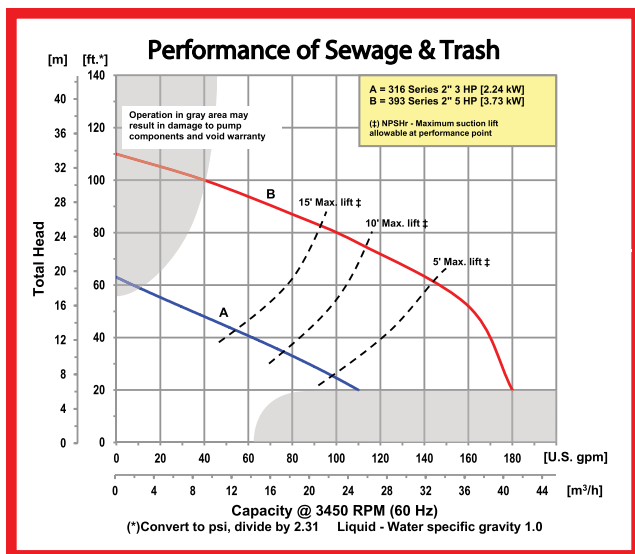


Model
316A-95



Model
394G-95

- **Cast Iron Construction**
- **Silicon Carbide/Viton® Mechanical Seal**
- **2", 3" & 4" NPT Ports Sizes**
- **Maximum Temperature 180° F**
- **Self-Priming to 20 Ft.**
- **Stainless Steel Semi-Open, Clog Resistant Impeller**
- **Solids Handling and Dirty Water Design**
- **Buna-N Check Valve and O-Ring**
- **Removable Cast Iron Volute/Wearplate**
- **Easy Cleanout Design**
- **3" & 4" Models Feature Front Cleanout**
- **Pull-from-Rear Design**
- **Available with 3 to 15 HP Totally Enclosed Fan Cooled (TEFC) Electric Motors**



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" or 4". Cast iron construction with two 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 the 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. These sewage/trash pumps will easily handle liquids containing sewage, stones, sticks, mud and other solids. Minimum liquid requirement must be above 85% — maximum 15% solids. **Failure to do so may damage pump and void warranty.**

"Life is simpler when you plow around the stump."

—Old Hillbilly Wisdom



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SELF-PRIMING CAST IRON SEWAGE & TRASH PUMPS

Pump Dimensional & Specification Data

Model	HP	SUC*	DIS*	A**	B	C**	D	E	F	G	J**	K	L**	W**	H	Ship Wt. (Lbs.)
316B-95	3	2	2	2.5 [6.3]	2.1 [5.3]	3.8 [9.6]	4.0 [10.1]	4.8 [12.2]	3.1 [7.8]	6.1 [15.4]	11.1 [28.2]	2.4 [6.1]	20.3 [51.5]	9.3 [23.6]	8.8 [22.3]	94
316A-95	3	2	2	2.5 [6.3]	2.1 [5.3]	3.8 [9.6]	4.0 [10.1]	4.8 [12.2]	3.1 [7.8]	6.1 [15.4]	11.1 [28.2]	2.4 [6.1]	19.9 [50.5]	9.3 [23.6]	8.8 [22.3]	87
393B-95	5	2	2	3.8 [9.6]	2.1 [5.3]	5.5 [13.9]	5.2 [13.2]	4.8 [12.2]	3.1 [7.8]	6.9 [17.5]	14.8 [27.6]	4.4 [11.1]	27.4 [69.6]	13.4 [34.0]	10.0 [25.4]	189
393A-95	5	2	2	3.8 [9.6]	2.1 [5.3]	5.5 [13.9]	5.2 [13.2]	4.8 [12.2]	3.1 [7.8]	6.9 [17.5]	14.8 [27.6]	4.4 [11.1]	24.9 [63.2]	12.3 [31.2]	10.0 [25.4]	173
394H-95	7.5	3	3	4.3 [10.9]	3.5 [8.9]	5.5 [14.0]	6.1 [15.5]	9.0 [22.9]	8.1 [20.6]	11.8 [30.0]	19.0 [48.3]	3.7 [9.4]	30.5 [77.5]	15.5 [39.4]	15.1 [38.4]	295
394G-95	7.5	3	3	3.8 [9.7]	3.5 [8.9]	5.5 [14.0]	6.1 [15.5]	9.0 [22.9]	8.1 [20.6]	11.8 [30.0]	18.3 [46.5]	3.7 [9.4]	29.0 [73.7]	13.5 [34.3]	15.1 [38.4]	245
394K-95	10	3	3	4.3 [10.9]	3.5 [8.8]	7.0 [17.7]	6.1 [15.4]	9.0 [22.8]	8.8 [22.8]	12.8 [30.0]	29.0 [50.8]	3.7 [9.4]	34.6 [88.3]	15.5 [39.4]	15.1 [38.3]	260
394E-95	10	3	3	4.3 [10.9]	3.5 [8.8]	7.0 [17.7]	6.1 [15.4]	9.0 [22.8]	8.8 [22.8]	12.8 [30.0]	29.0 [50.8]	3.7 [9.4]	32.4 [83.8]	14.3 [36.3]	15.1 [38.3]	230
399D-95	15	4	4	4.3 [10.9]	3.5 [8.8]	7.0 [17.7]	6.1 [15.4]	9.0 [22.8]	8.8 [22.8]	12.8 [30.0]	29.0 [50.8]	3.7 [9.4]	33.4 [84.8]	14.3 [36.3]	15.1 [38.3]	236

(*) Standard NPT (Female) pipe thread.

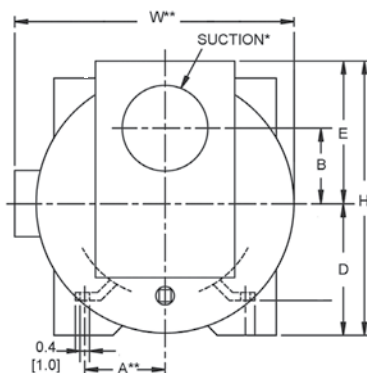
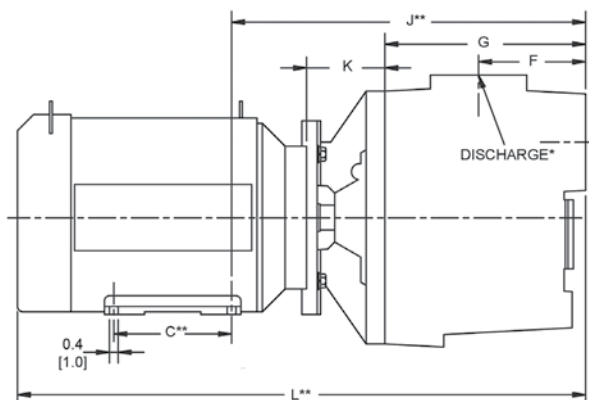
(**) This dimension may vary due to motor manufacturer's specifications.

NOTE: Dimensions are in inches (centimeters) and have a tolerance of $\pm 1/4$ ".

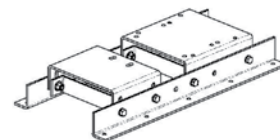
Model	Curve	HP	PH	ENC	Frame	Voltage @ 60 Hz +	Full Load Amps	Max Solids
316B-95	A	3	1	TEFC	56J	230	16	1"
316A-95	A	3	3	TEFC	56J	230/460	8/4	1"
393B-95	B	5	1	TEFC	184JM	230	20	1"
393A-95	B	5	3	TEFC	184JM	230/460	17/9	1"
394H-95	C	7½	1	TEFC	215JM	230	31	1½"
394G-95	C	7½	3	TEFC	184JM	230/460	22/11	1½"
394K-95	D	10	1	TEFC	215JM	230	40	1½"
394E-95	D	10	3	TEFC	215JM	230/460	26/13	1½"
399D-95	E	15	3	TEFC	215JM	230/460	47/24	2"

(+) 3-Phase models can also operate on 50 Hz (This will change full load amps and service factor, RPM and priming capabilities).

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



Optional Mounting Base
Model A200-90



Standard Features

- Cast Iron Construction for Abrasive Resistance and Durability
- Silicon Carbide/Viton® Mechanical Seal
- Built-in Buna-N Check Valve
- Buna-N O-ring Casing Seal Reusable After Clean Out Maintenance
- Self-Cleaning Stainless Steel Impeller Resists Clogging and Wear
- Pull-from-Rear Design Permits Clean Out and Repair Without Removing Piping
- 3" & 4" Models Feature Front Cleanout
- Replaceable Cast Iron Volute/Wearplate Designed for Solids Handling
- Motor Includes Stainless Steel Shaft or Stainless Steel Shaft Sleeve
- Available with 3 to 15 HP Totally Enclosed Fan Cooled (TEFC) Electric Motors
- Single or Three Phase, 3450 RPM Motors
- Optional Mounting Base Available for 184/215 JM Frames
- Maximum Working Pressure 150 PSI
- Seal Flush Port Provided on 5 HP and Larger
- Optional Mounting Base Available
- QSP - Quick Ship Pump for Many Models

**Hazardous Duty/Xplosion Proof motors available from stock ranging from 1 to 10 HP;
CALL FOR QUOTATION & LEAD TIME!**

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3" SELF-PRIMING CENTRIFUGAL PUMPS

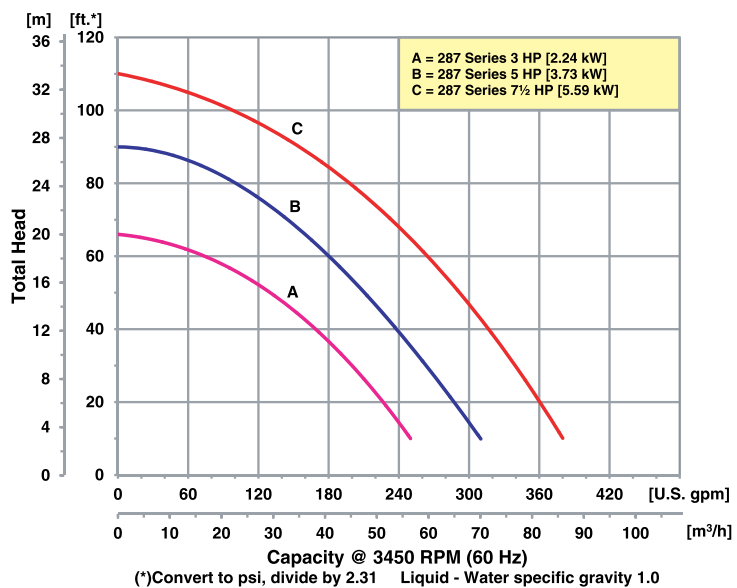
3" Self-Priming Pump



- **Cast Iron Construction with Stainless Steel Impeller**
- **Buna-N Mechanical Seal, Check Valve and O-Ring**
- **Optional Silicon Carbide Seal Available**
- **3" NPT Suction and Discharge Ports**
- **Maximum Solids Handling 3/8"**
- **Maximum Temperature 180° F**
- **Maximum Flow 375 GPM**
- **Maximum Head 110 Ft.**
- **Self-Priming to 20 Ft.**
- **Self-Cleaning, Semi-Open Impeller**
- **Solids Handling and Dirty Water Design**
- **3 to 7-1/2 HP TEFC, Single and Three Phase Motors**
- **Optional Mounting Base Available**

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. Pumps are designed to handle liquids with solids content or dissolved solids and debris. All models are fitted with self-cleaning, semi-open stainless steel impeller, which can handle 3/8" diameter semi-solids. Built-in check valves for fast priming are standard on all units. Fill and drain plugs for easy installation and servicing.

Performance of Self-Priming Centrifugal Pumps



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3" SELF-PRIMING CENTRIFUGAL PUMPS

Pump Dimensional & Specification Data

Model	Curve	HP	PH	Voltage @ 60 Hz +	Full Load Amps	Frame	SUC*	DIS*	A	B	C	L**	W**	H	Ship Wt. (Lbs.)
2877-95	A	3	1	230	16	184JM	3	3	3.7 [9.4]	17.1 [43.4]	5.5 [13.9]	29.1 [73.9]	13.7 [34.8]	11.8 [29.9]	133
2874-95			3	208-230/460	10/5	182JM			3.7 [9.4]	16.4 [41.6]	4.5 [11.4]	26.6 [67.6]	12.0 [30.5]	11.8 [29.9]	149
2878-95	B	5	1	230	21	184JM	3	3	3.7 [9.4]	17.1 [43.4]	5.5 [13.9]	29.1 [73.9]	13.1 [33.2]	11.8 [29.9]	205
2875-95			3	208-230/460	14/7	184JM			3.7 [9.4]	16.4 [41.6]	5.5 [13.9]	26.6 [67.6]	12.0 [30.5]	11.8 [29.9]	173
2879-95	C	7½	1	230	31	215JM	3	3	4.2 [10.6]	18.2 [46.2]	7.0 [17.8]	31.1 [79.0]	13.9 [35.3]	11.8 [29.9]	215
2876-95			3	208-230/460	20/10	184JM			3.7 [9.4]	16.4 [41.6]	5.5 [13.9]	26.6 [67.6]	12.0 [30.5]	11.8 [29.9]	176

(*) Standard NPT (Female) pipe thread.

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

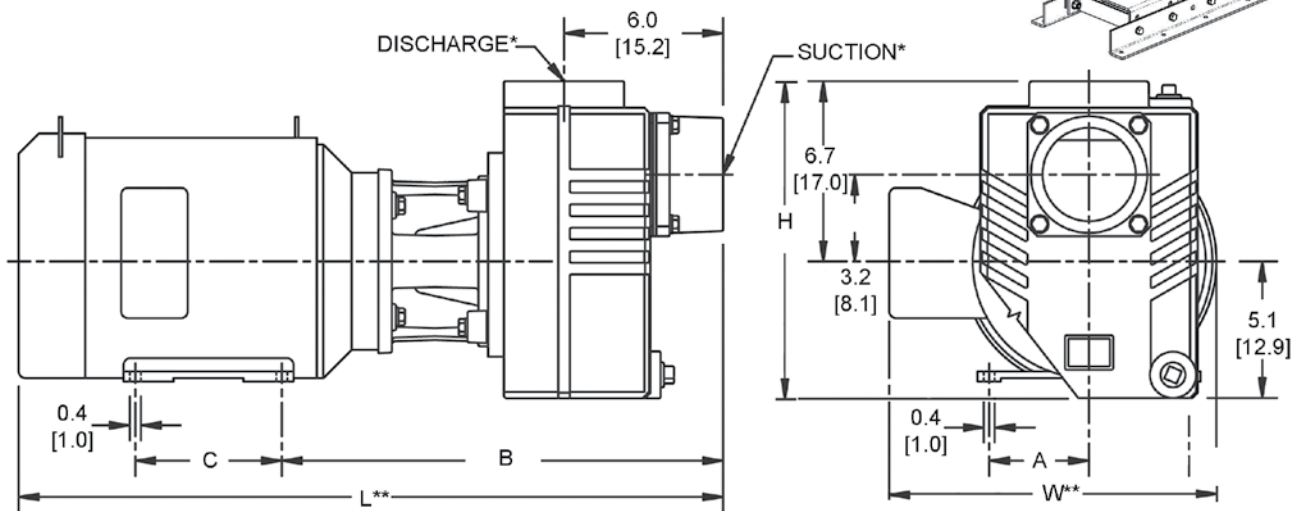
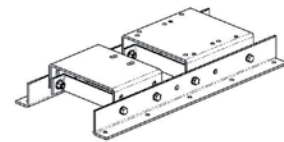
(+) 3-Phase models can also operate on 50 Hz (This will change full load amps and service factor, RPM and priming capabilities).

NOTE: Dimensions are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

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

Maximum Solids Handling Capacity: 3/8" Diameter

**Optional Mounting Base
Model A200-90**



Standard Features

- Cast Iron Construction with Stainless Steel 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 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 Impeller
- 3 to 7½ HP Totally Enclosed Fan Cooled (TEFC) Single or Three Phase Motors
- Optional Mounting Base Available on All Above Models
- QSP – Quick Ship Pump for Many Models

**Hazardous Duty/Xplosion Proof motors available from stock ranging from 1 to 10 HP;
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4" SELF-PRIMING CENTRIFUGAL PUMPS

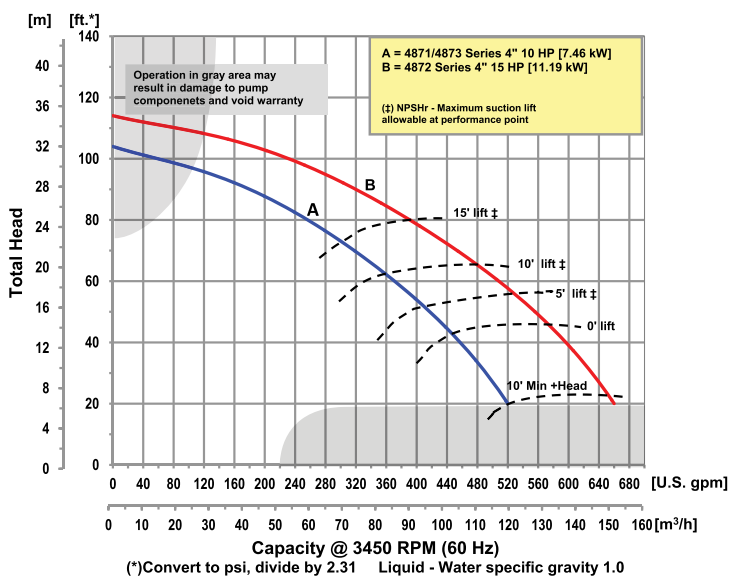
4" Self-Priming Pump
w/ Optional Base



- **Cast Iron Construction with Stainless Steel Impeller**
- **Buna-N Mechanical Seal, Check Valve and O-Ring**
- **Optional Silicon Carbide Seal Available**
- **4" NPT Suction and Discharge Ports**
- **Maximum Solids Handling 1/2"**
- **Maximum Temperature 180° F**
- **Maximum Flow 660 GPM**
- **Maximum Head 114 Ft.**
- **Self-Priming to 20 Ft.**
- **Self-Cleaning, Semi-Open Impeller**
- **Solids Handling and Dirty Water Design**
- **10 to 15 HP TEFC, Single and Three Phase Motors**
- **Optional Mounting Base Available**

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. Pumps are designed to handle liquids with solids content or dissolved solids and debris. All models are fitted with self-cleaning, semi-open stainless steel impeller, which can handle 1/2" diameter semi-solids. Built-in check valves for fast priming are standard on all units. Fill and drain plugs for easy installation and servicing.

Performance of Self-Priming Centrifugal Pumps



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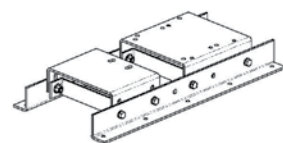


4" SELF-PRIMING CENTRIFUGAL PUMPS

Pump Dimensional & Specification Data

Model	Curve	HP	PH	Voltage @ 60 Hz +	Full Load Amps	Frame	SUC*	DIS*	L**	W**	H	Ship Wt. (Lbs.)
4873-95	A	10	1	230	40	215JM	4	4	33.5 [85.1]	15 [38.1]	16 [40.6]	320
4871-95	A	10	3	208-230/460	26/13	215JM	4	4	32 [85.1]	15 [38.1]	16 [40.6]	290
4872-95	B	15	3	208-230/460	36/18	215JM	4	4	32 [85.1]	15 [38.1]	16 [40.6]	310

Optional Mounting Base
Model A200-90



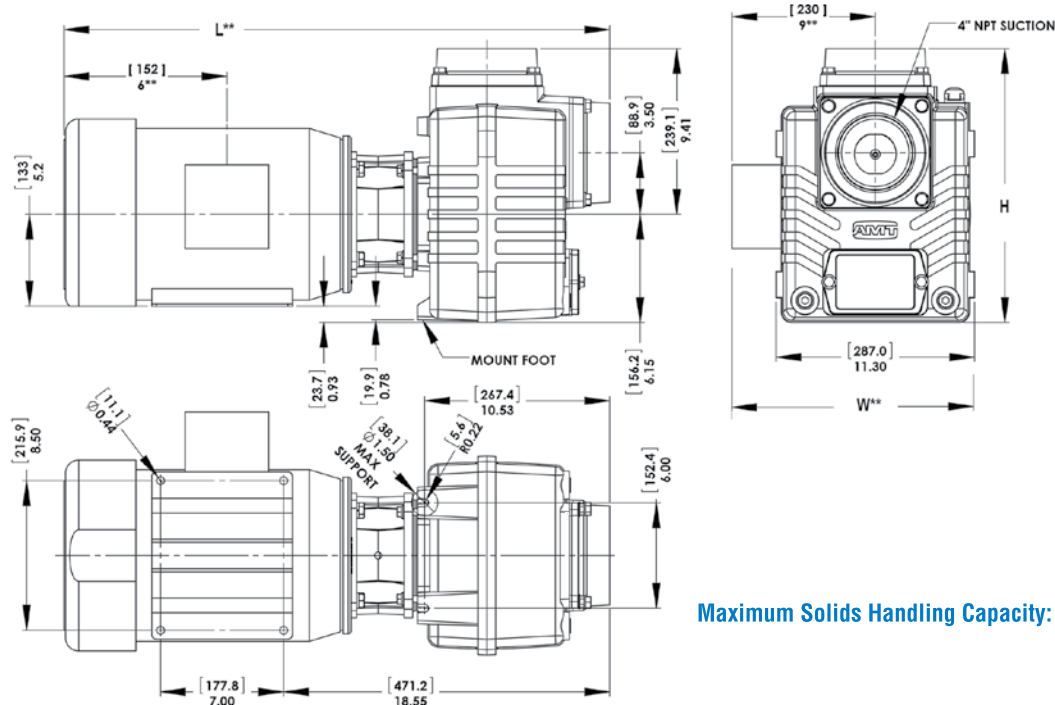
(*) Standard NPT (Female) pipe thread.

(**) 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 are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

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



Maximum Solids Handling Capacity: 1/2" Diameter

Standard Features

- Cast Iron Construction with Stainless Steel Impeller
- Buna-N Mechanical Seal and O-ring
- Optional Viton® Mechanical Seal and Flapper Valve Available
- Optional Silicon Carbide Seal Available
- 4" NPT Suction and Discharge Ports
- Stainless Steel 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 660 GPM
- Maximum Head 114 Ft.
- Self-cleaning, Semi-open Impeller
- 10 to 15 HP Totally Enclosed Fan Cooled (TEFC) Single or Three Phase Motors
- Optional Mounting Base Available on All Above Models (A200-90)
- QSP – Quick Ship Pump for Many Models

**Hazardous Duty/Xplosion Proof 10HP Motors Available;
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2" & 3" SELF-PRIMING ENGINE DRIVEN TRASH PUMPS



Model
2S5XHR

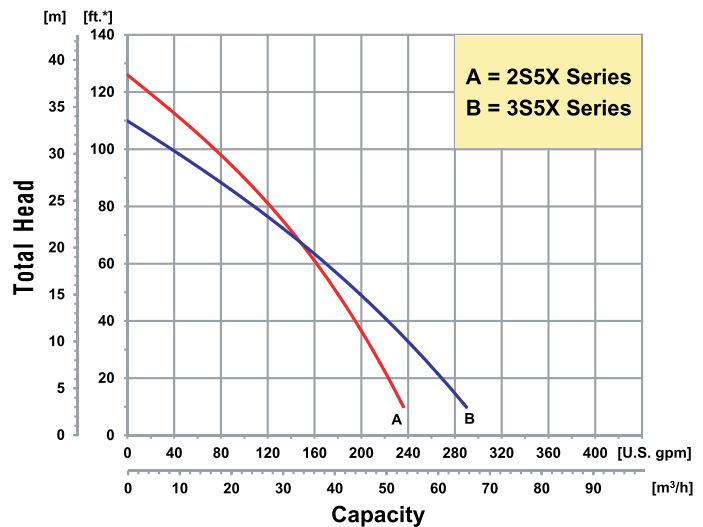


Model
3S5XLR

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

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

Performance of Engine Driven Self-Priming Trash Pumps



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

"Words that soak into your ears are whispered, not yelled."

—Old Hillbilly Wisdom



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2" & 3" SELF-PRIMING ENGINE DRIVEN TRASH PUMPS

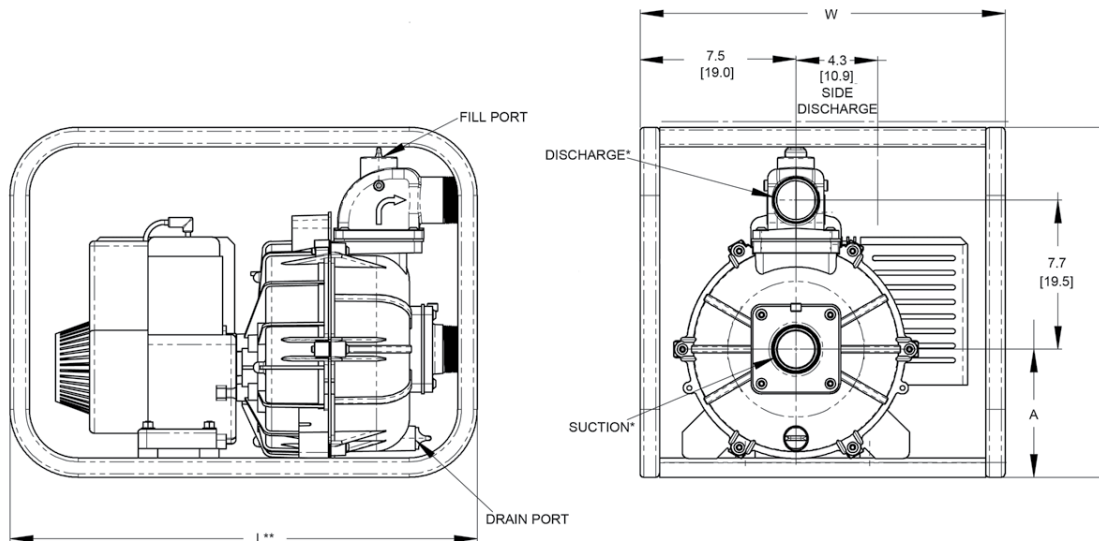
2" Trash Pumps

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

Construction: Cast Aluminum with Cast Iron Components

Maximum Solids Handling Capacity: 1" Diameter

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



3" Trash Pumps

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

Construction: Cast Aluminum with Cast Iron Components

Maximum Solids Handling Capacity: 1 1/4" Diameter

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

▲ Oil Alert Included

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

(*) Standard NPT (Male) Pipe Thread.

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

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

5/8" Threaded Pump Kit - Cast Aluminum

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

*Does not include roll cage or engine, unassembled

Standard Features

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

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HEAVY DUTY CENTRIFUGAL PUMPS

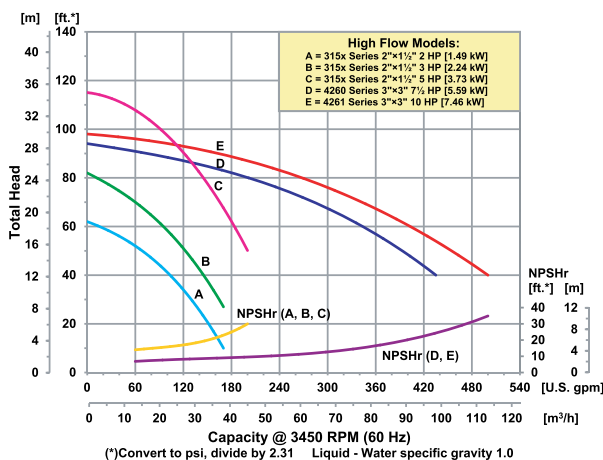
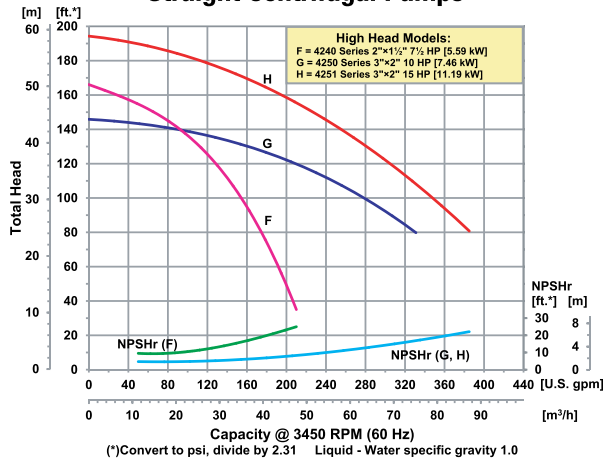


High Head Pump

High Flow Pump

- **Available in: 300 Series Investment Cast Stainless Steel, Cast Bronze and Cast Iron Construction with Stainless Steel Impeller**
- **Buna-N Mechanical Seal and O-Ring on Cast Iron Models**
- **Viton® Mechanical Seal and O-Ring on Stainless Steel and Bronze Models**
- **Optional Silicon Carbide Seals Available**
- **Front Drain Plugs Located 90° Apart**
- **Maximum Head 194 Feet (84 PSI)**
- **Maximum Flow 500 GPM**
- **2 HP to 15 HP NEMA Motors, Single and Three Phase**
- **Optional Mounting Base Available**
- **Solids Handling and Dirty Water Design**

Performance of Heavy Duty Straight Centrifugal Pumps



AMT Heavy Duty Solids Handling Centrifugal pumps are suited for liquid and chemical transfer, recirculation, booster service, dirty water and other industrial applications. Stainless steel units are especially effective in applications where rust and/or corrosion can develop in systems. Pumps are designed to handle liquids with solids content or dissolved solids and debris. Semi-open impeller features self-cleaning ability that makes the unit useful in applications involving up to 1/4" diameter solids and muddy or dirty liquids. 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 not self-priming and require flooded suction.**



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HEAVY DUTY CENTRIFUGAL PUMPS

Pump Dimensional & Specification Data

Model ‡	Curve	HP	PH	Frame	ENC	Voltage @ 60 Hz +	Full Load Amps	SUC*	DIS*	A**	B**	C**	D**	E	F**	G	J**	K	L**	W**	H	‡ Ship Wt. (Lbs.)
3156	A	2	1	56J		115/230	22/11			5.4 [13.8]	5.0 [12.7]	8.5 [21.8]	3.5 [8.9]	2.5 [6.4]	4.0 [10.2]	4.3 [11.0]	2.4 [6.2]	1.3 [3.5]	17.4 [44.2]	10.6 [26.9]	9.6 [24.4]	78
3150			3	145JM	TEFC	230/460	6/3	2	1½	6.1 [15.5]	3.5 [8.9]	10.7 [27.1]	3.5 [8.9]	2.5 [6.4]	4.0 [10.2]	4.4 [11.3]	2.7 [7.0]	1.3 [3.5]	19.2 [48.7]	11.4 [28.9]	9.6 [24.4]	84
3157			3	56J		230/460	6/3			5.4 [13.8]	3.6 [9.1]	8.5 [21.8]	3.5 [8.9]	2.5 [6.4]	4.0 [10.2]	4.3 [11.0]	2.4 [6.2]	1.3 [3.5]	16.9 [42.9]	10.6 [26.9]	9.6 [24.4]	71
315A	B	3	1	56J		230	12			5.4 [13.8]	5.0 [12.7]	8.6 [21.8]	3.5 [8.9]	2.5 [6.4]	4.0 [10.2]	4.3 [11.0]	2.4 [6.2]	1.3 [3.5]	17.9 [45.4]	10.6 [26.9]	9.6 [24.4]	87
3151			3	182JM	TEFC	230/460	8/4	2	1½	7.1 [18.0]	6.6 [16.8]	10.9 [27.6]	4.5 [11.4]	2.5 [6.4]	4.0 [10.2]	4.4 [11.3]	3.7 [9.5]	0.3 [0.9]	20.0 [50.8]	12.8 [32.5]	9.6 [24.4]	137
315B			3	56J		230/460	8/4			5.4 [13.8]	3.6 [9.1]	8.5 [21.8]	3.5 [8.9]	2.5 [6.4]	4.0 [10.2]	4.3 [11.0]	2.4 [6.2]	1.3 [3.5]	17.4 [44.2]	10.6 [26.9]	9.6 [24.4]	75
315E	C	5	1	184JM	TEFC	230	16			7.8 [19.9]	6.6 [16.8]	10.8 [27.6]	4.5 [11.4]	2.5 [6.4]	4.0 [10.2]	4.4 [11.3]	3.7 [9.5]	0.3 [0.9]	24.2 [61.4]	13.9 [35.3]	9.6 [24.4]	143
3152			3	184JM		230/460	17/9	2	1½	7.1 [18.0]	6.6 [16.8]	10.8 [27.6]	4.5 [11.4]	2.5 [6.4]	4.0 [10.2]	4.4 [11.3]	3.7 [9.5]	0.3 [0.9]	21.7 [55.1]	12.8 [32.5]	9.6 [24.4]	145
4264	D	7½	1	213JM	TEFC	230	32			9.0 [22.9]	7.3 [18.7]	12.3 [31.4]	5.2 [13.3]	2.7 [7.0]	4.5 [11.4]	4.7 [12.1]	4.2 [10.8]	0.2 [0.7]	27.0 [68.6]	16.2 [41.1]	12.0 [30.4]	205
4260			3	184JM		230/460	22/11	3	3	7.0 [18.0]	6.6 [16.8]	11.6 [29.5]	4.5 [11.4]	2.7 [7.0]	4.5 [11.4]	4.7 [12.1]	3.7 [9.5]	1.0 [2.6]	22.5 [57.1]	14.3 [36.3]	12.0 [30.4]	172
4265	E	10	1	215JM	TEFC	230	40			9.0 [22.9]	6.2 [15.7]	12.3 [31.4]	5.2 [13.3]	2.7 [7.0]	4.5 [11.4]	4.7 [12.1]	4.2 [10.8]	0.2 [0.7]	27.0 [68.5]	16.2 [41.1]	12.0 [30.4]	213
4261			3	215JM		230/460	26/13	3	3	8.1 [20.7]	7.3 [18.7]	12.3 [31.4]	5.2 [13.3]	2.7 [7.0]	4.5 [11.4]	4.7 [12.1]	4.2 [10.8]	0.2 [0.7]	26.0 [66.0]	15.0 [38.1]	12.0 [30.4]	204
4242	F	7½	1	213JM	TEFC	230	32			9.0 [22.9]	7.3 [18.7]	11.3 [28.9]	5.2 [13.3]	2.4 [6.2]	3.8 [9.7]	4.4 [11.3]	4.2 [10.8]	N/A	26.0 [66.0]	14.6 [37.1]	11.1 [28.1]	196
4240			3	184JM		230/460	22/11	2	1½	7.1 [18.0]	6.6 [16.8]	10.6 [27.0]	4.5 [11.4]	2.4 [6.2]	4.5 [11.4]	4.5 [11.4]	3.7 [9.5]	0.1 [0.3]	21.5 [54.6]	12.6 [32.0]	10.5 [30.6]	163
4253	G	10	1	215JM	TEFC	230	40			9.0 [22.9]	5.5 [14.2]	11.5 [29.3]	5.2 [13.3]	2.7 [7.1]	4.7 [12.1]	5.0 [12.9]	4.2 [10.8]	0.3 [0.9]	26.1 [66.3]	15.9 [40.4]	10.6 [26.9]	217
4250			3	215JM		230/460	26/13	3	2	8.1 [20.7]	7.3 [18.7]	11.5 [29.3]	5.2 [13.3]	2.7 [7.1]	4.7 [12.1]	5.0 [12.9]	4.2 [10.8]	0.3 [0.9]	25.2 [64.0]	14.7 [37.3]	10.6 [26.9]	208
4251	H	15	3	215JM	TEFC	230/460	47/24	3	2	8.1 [20.7]	7.3 [18.7]	11.5 [29.3]	5.2 [13.3]	2.7 [7.1]	4.7 [12.1]	5.0 [12.9]	4.2 [10.8]	0.3 [0.9]	25.2 [64.0]	14.7 [37.3]	10.6 [26.9]	218

(*) 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 are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

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

NOTE: Check Price Book for Specific Pump Construction/Material Availability.
Maximum Solids Handling Capacity: 1/4" Diameter

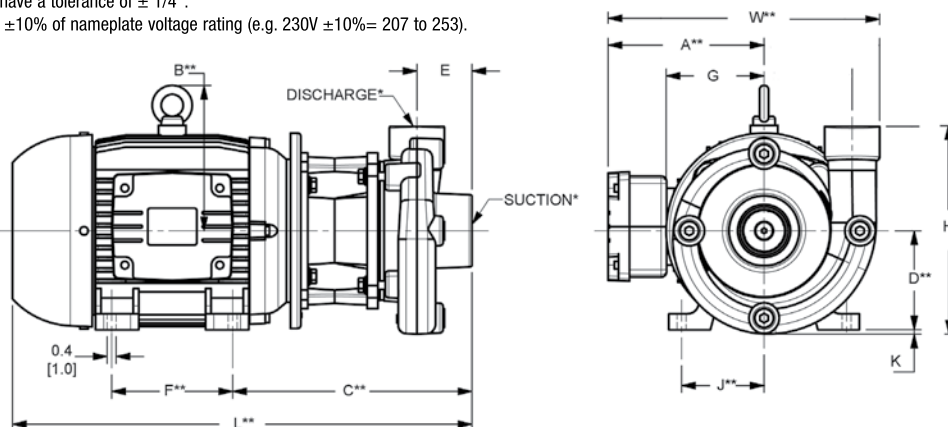
‡ When Ordering, Add the Correct
(-9X) Suffix to Model Number Indicating
Material Selection (Ex. 315A-95)

XCI (-95) Cast Iron Construction with
Buna-N Seals

XB (-94) Cast Bronze Construction with
Viton® Seals

XSS (-98) Cast Stainless Steel
Construction with Viton® Seals

(All Models Come Standard with
Stainless Steel Impeller)



Standard Features

- Stainless Steel, Bronze and Cast Iron Construction
- Buna-N or Viton® Mechanical Seal and O-ring, Depending on Model
- Optional Silicon Carbide Mechanical Seals Available
- Stainless Steel Motor Shaft and Hardware
- NEMA TEFC Single and Three Phase Motors, Depending on Model
- Optional Mounting Base Available for 182/184/215 JM Frames
- Self-cleaning Stainless Steel Impeller
- Maximum Working Pressure 150 PSI
- Maximum Temperature
 - ♦ Viton® 200° F
 - ♦ Buna-N 180° F
- Optional Seal Wash Port and Hose Available on All Models
- Pedestal Version Models Available for Frame Models 145/182/184JM
- QSP – Quick Ship Pump for Many Models
- Solids Handling Design

Hazardous Duty/Explosion Proof motors available from stock ranging from 1 to 10 HP; CALL FOR QUOTATION & LEAD TIME!

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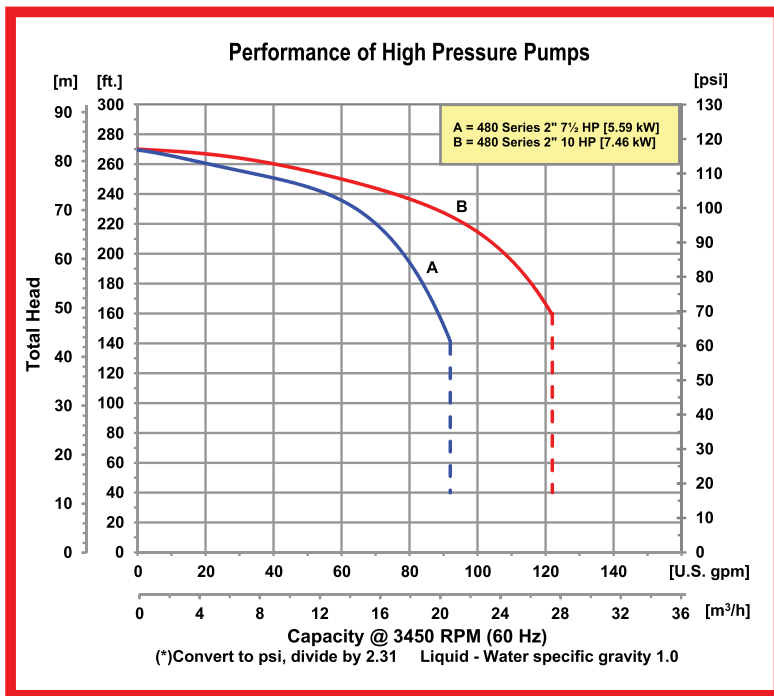
2" SELF-PRIMING HIGH PRESSURE PUMPS



Model Shown with
A200-90 Optional
Base

- **Cast Iron Construction with Aluminum Impellers**
- **Viton Mechanical Seal with EPR/EPDM Check Valve and O-Rings**
- **2" NPT Suction and Discharge Ports**
- **Maximum Temperature 180°F**
- **Max Flow 122 GPM**
- **Max Head 270 Ft. (116 psi)**
- **Self-Priming to 20 ft.**
- **Closed Vane Aluminum Impeller Designed for High Pressure Performance**
- **7-1/2 to 10 HP TEFC, Single and Three Phase Motors**
- **Optional Mounting Base Available (A200-90)**

AMT 2" Self Priming High Pressure Pumps are self-priming high pressure booster pumps with a two stage impeller design to provide additional pressure. All models feature cast iron construction with aluminum impellers and Viton Mechanical Seals. Built-in EPR/EPDM check valve for fast priming are standard on all units. Fill and drain plugs for easy installation and servicing. These units are self-priming up to 20 feet and are suitable for high pressure applications such as dewatering, sprinkler/booster, irrigation, and fire protection. Units are close coupled and are available in 7-1/2 to 10 horsepower TEFC electric motors.



"The best sermons are lived, not preached."

—Old Hillbilly Wisdom



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2" SELF-PRIMING HIGH PRESSURE PUMPS

Pump Dimensional & Specification Data

Model	HP	PH	SUC*	DIS*	A	B	C	D	L	W	H	Ship Wt. (lbs.)
4803-95	7.5	1	2	2	8.5 [21.6]	7.0 [17.8]	17.0 [43.2]	NA	30.5 [77.5]	15.8 [40.0]	13.6 [34.43]	222
4802-95	7.5	3	2	2	7.5 [19.1]	5.5 [14.0]	16.1 [40.9]	0.75 [1.9]	26.5 [67.3]	14.3 [36.2]	13.6 [34.43]	160
4805-95	10	1	2	2	8.5 [21.6]	7.0 [17.8]	17.0 [43.2]	NA	30.5 [77.5]	15.8 [40.0]	13.6 [34.43]	305
4804-95	10	3	2	2	8.5 [21.6]	7.0 [17.8]	17.0 [43.2]	NA	29.5 [74.9]	14.3 [36.2]	13.6 [34.43]	215

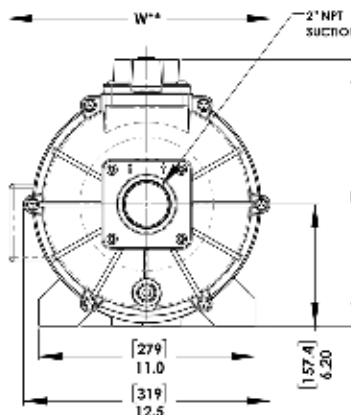
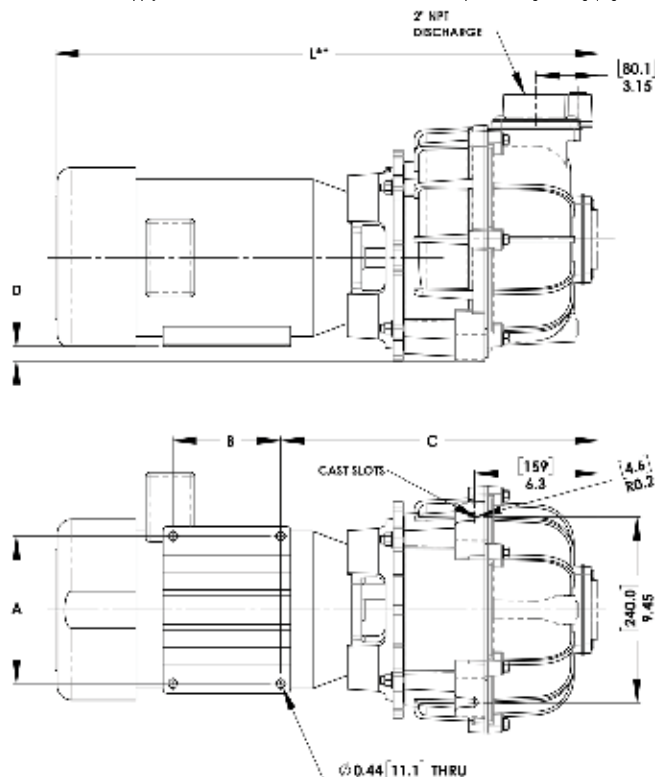
(*) Standard NPT (Female) pipe thread.

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

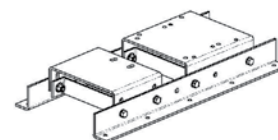
(+) 3-Phase models can also operate on 50 Hz (This will change full load amps and service factor, RPM and priming capabilities).

NOTE: Dimensions are in inches (centimeters) and have a tolerance of $\pm 1/4"$.

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



Optional Mounting Base
Model A200-90



Model	HP	PH	ENC	Frame	Voltage @ 60 Hz+	Full Load Amps
4803-95	7.5	1	TEFC	215JM	230	31
4802-95	7.5	3	TEFC	184JM	208-230/460	22/11
4805-95	10	1	TEFC	215JM	230	40
4804-95	10	3	TEFC	215JM	208-230/460	26/13

Standard Features

- Cast Iron Construction with Dual Closed Vane Aluminum Impellers
- Viton Mechanical Seal w/ Silicon Carbide and Carbon Faces
- Built in EPR/EDPM Check Valve permits Self-Priming up to 20 Ft.
- Closed Vane Aluminum Impeller design for High Pressure Performance
- Fill and Drain Plugs for Easy Installation and Servicing
- 2" NPT Suction and Discharge Ports
- Maximum Temperature 180°F
- Maximum Working Pressure 150 PSI
- Max Flow 122 GPM
- Max Head 270 Ft. (116 PSI)
- 7-1/2 to 10 HP TEFC, Single and Three Phase Motors
- Optional Mounting Base Available (A200-90) available on all models
- QSP- Quick Ship Product for Many Models

**Hazardous Duty/Explosion Proof Motors Available;
CALL FOR QUOTATION & LEAD TIME!**

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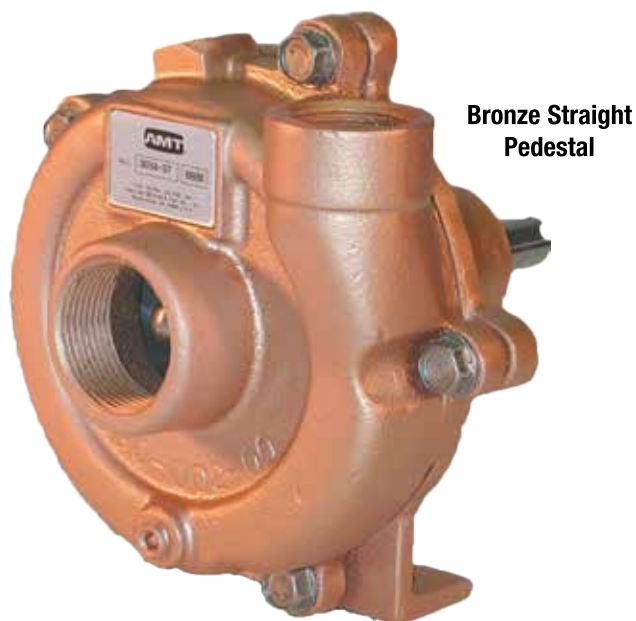


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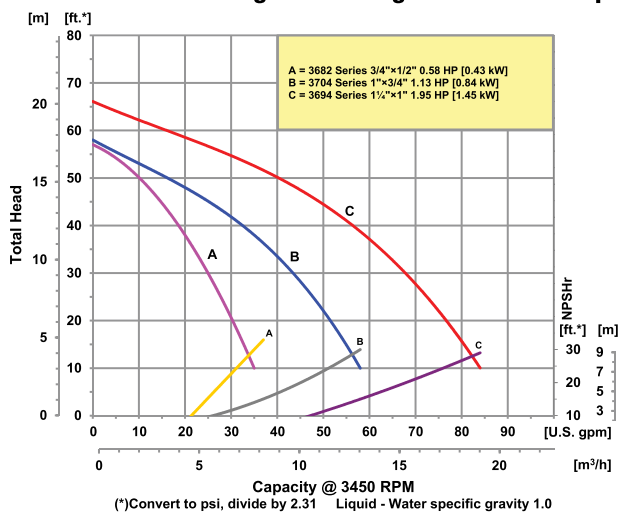
SOLIDS HANDLING PEDESTAL PUMPS



Bronze Straight Pedestal

- **Available in: 300 Series Investment Cast Stainless Steel, Stainless Steel Fitted Cast Iron or Cast Bronze Construction (See Pricebook for Specific Model Availability)**
- **Mechanical Seal**
 - ♦ **Stainless Steel** **Viton®**
 - ♦ **Cast Bronze** **Viton®**
 - ♦ **Cast Iron** **Buna-N**
 - ♦ **Optional** **Silicon Carbide**
- **3/4" to 1-1/4" NPT Suction Port Sizes**
- **1/2" to 1" NPT Discharge Ports**
- **Maximum Temperature**
 - ♦ **Buna-N 180° F**
 - ♦ **Viton® 200° F**
- **Maximum 4000 RPM**
- **General Service Models 3682, 3694 & 3704 for Low Pressure Applications**

Performance of Straight Centrifugal Pedestal Pumps



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. Pumps are designed to handle liquids with solids contents or dissolved solids and debris up to 7% of liquid volume.

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.

"Every path has a few puddles."

—Old Hillbilly Wisdom



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SOLIDS HANDLING PEDESTAL PUMPS

Pump Dimensional & Specification Data

Model	A	B	C	D	E	F	G	J	K	M (Dia.)	L	W	H
GENERAL SERVICE MODELS													
3694	1.5 [3.8]	2.0 [5.0]	N/A	3.2 [8.1]	1.3 [3.3]	0.3 [0.7]	0.3 [0.7]	3.0 [7.6]	1.3 [3.3]	5/8	6.7 [17.0]	6.4 [16.3]	5.7 [14.4]
3704	1.5 [3.8]	2.1 [5.3]	N/A	3.2 [8.1]	1.4 [3.5]	0.3 [0.7]	0.3 [0.7]	3.0 [7.6]	1.3 [3.3]	5/8	6.7 [17.0]	6.4 [16.3]	5.6 [14.2]
3682	1.5 [3.8]	1.9 [4.8]	N/A	3.2 [8.1]	1.4 [3.5]	0.3 [0.7]	0.3 [0.7]	3.0 [7.6]	1.3 [3.3]	5/8	6.6 [16.7]	5.7 [14.6]	5.1 [12.9]

Model ‡	Curve	SUC*	DIS*	Minimum BHP Required @ 3450 RPM	‡ Ship Wt. (Lbs.)
3694	C	1 1/4	1	1.95	13
3704	B	1	3/4	1.13	11
3682	A	3/4	1/2	0.58	10

(*) Standard NPT (Female) pipe thread.

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

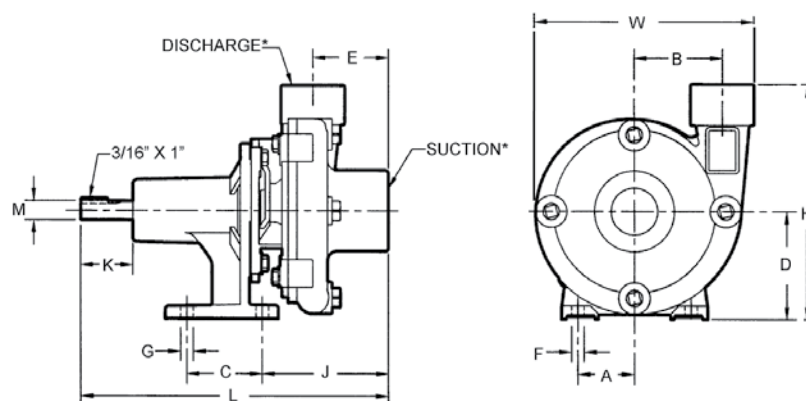
‡ When Ordering Add the Correct (-9x) Suffix to Model Number Indicating Material Selection (Ex. 3682-95).

XCI (-95) Cast Iron Construction with Stainless Steel Impeller and Buna-N Seals

XB (-97) Cast Bronze Casing with Stainless Steel Impeller, Pedestal with Viton® Seals

XSS (-98) Cast Stainless Steel Construction with Viton® Seals

(Check Pricebook for Availability on Models)



Standard Features

- 300 Series Investment Cast Stainless Steel, Stainless Steel Fitted Cast Iron or Cast Bronze Construction (See Pricebook for Specific Model Availability)
- Mechanical Seal:
 - Cast Iron Buna-N
 - Stainless Steel Viton®
 - Cast Bronze Viton®
 - Optional Silicon Carbide
- Maximum Temperature:
 - Buna-N 180° F
 - Viton® 200° F
- 3/4" to 1-1/4" NPT Suction Ports
- 1/2" to 1" NPT Discharge Ports
- Maximum Working Pressure:
 - General Service 75 PSI
- Self-cleaning Impeller on General Service Models
- Maximum Flow 84 GPM
- Maximum Head 76 Ft.
- QSP – Quick Ship Pump for Many Models

“Your fences need to be horse-high, pig-tight and bull-strong.”

—Old Hillbilly Wisdom

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BRONZE MARINE PUMPS



Model 3670-97
3/4" x 1/2"

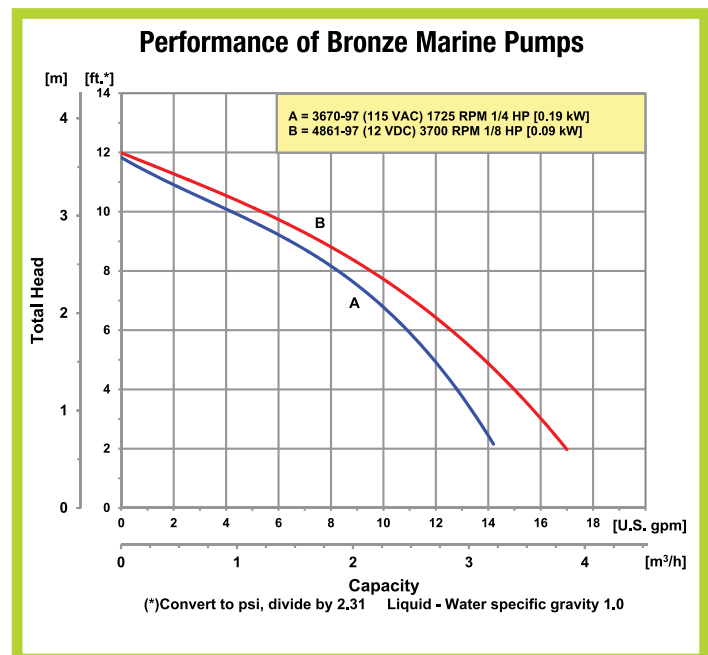


Model 4861-97
3/4" x 3/4"

The AMT Model 3670-97 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 feature provisions for the installation of a seal wash, front drain plug and pull-from-rear design. The pump is powered by a 1725 PM, 115 VAC, 1/4 HP motor.

The AMT Model 4861-97 Bronze Centrifugal pump is compact and designed for use in general dewatering, salt water applications in live well tanks, circulation and chemical transfer. This pump is fitted with a 1/8 HP, 12 Volt DC, 3700 RPM motor. **Pumps are not self-priming and require flooded suction.**

- **Bronze Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **Maximum Working Pressure 50 PSI**
- **Maximum Temperature 180° F**
- **Maximum Flow 17 GPM**
- **Maximum Head 12 Ft.**
- **Self-Cleaning, Semi-Open Impeller**
- **Solids Handling and Dirty Water Design**
- **12 Volt DC or 115 VAC Motor, Depending on Model**



Pumps are designed to handle liquids with solids content or dissolved solids and debris.

"Don't pick a fight with an old man. If he is too old to fight, he'll just kill you."

—Old Hillbilly Wisdom



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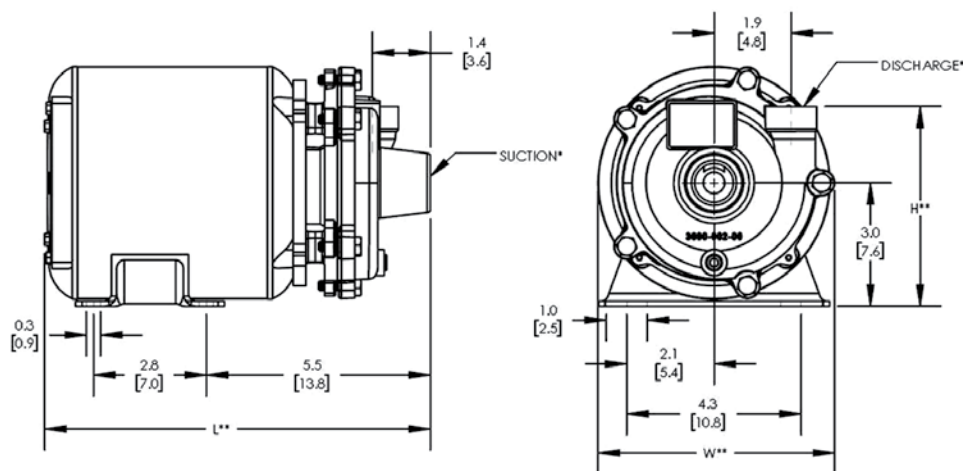
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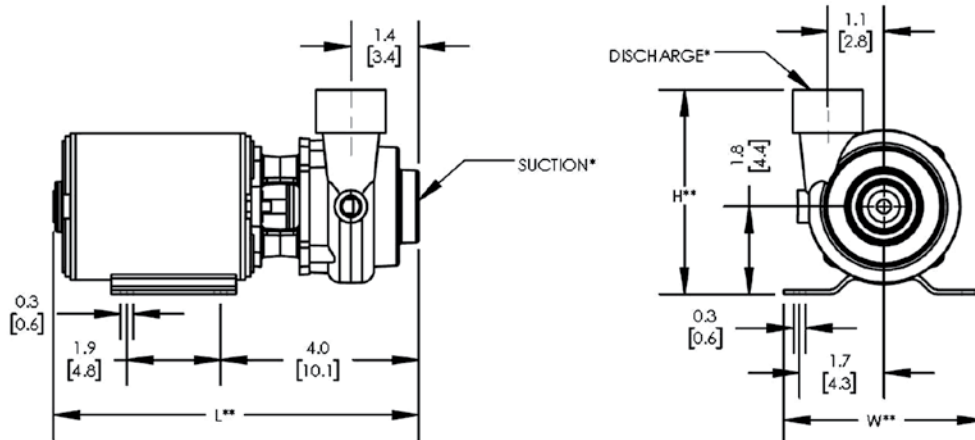
BRONZE MARINE PUMPS

Pump Dimensional & Specification Data

Model 3670-97



Model 4861-97



Model	Curve	HP	PH	RPM	ENC	Voltage @ 60 Hz	Full Load Amps	SUC*	DIS*	L**	W**	H**	Ship Wt. (Lbs.)
4861-97	B	1/8	-	3700	TENV	12.8V DC	9	3/4	3/4	7.3 [18.6]	4.0 [12.2]	4.1 [10.4]	7
3670-97	A	1/4	1	1750	ODP	115	6	3/4	1/2	9.4 [23.9]	5.8 [14.6]	4.9 [12.3]	17

(*) Standard NPT (Female) pipe thread.

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

NOTE: Dimensions are in inches [centimeters] and have a tolerance of $\pm 1/4"$.

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

Maximum Solids Handling Capacity:
3670-97 – 1/8" Diameter
4861-97 – 3/16" Diameter

Standard Features

- Bronze Construction
- Buna-N Mechanical Seal and O-ring
- Maximum Working Pressure 50 PSI
- Maximum Temperature 180° F
- Maximum Flow 17 GPM
- Maximum Head 12 Ft.
- Self-cleaning, Semi-open Impeller
- 12 Volt DC or 115 VAC Motors
- QSP – Quick Ship Pumps

"Keep skunks, bankers, and politicians at a distance."

—Old Hillbilly Wisdom

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