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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *American Stainless Pumps SSPC* at our website: ***Click HERE***

American Stainless Pumps

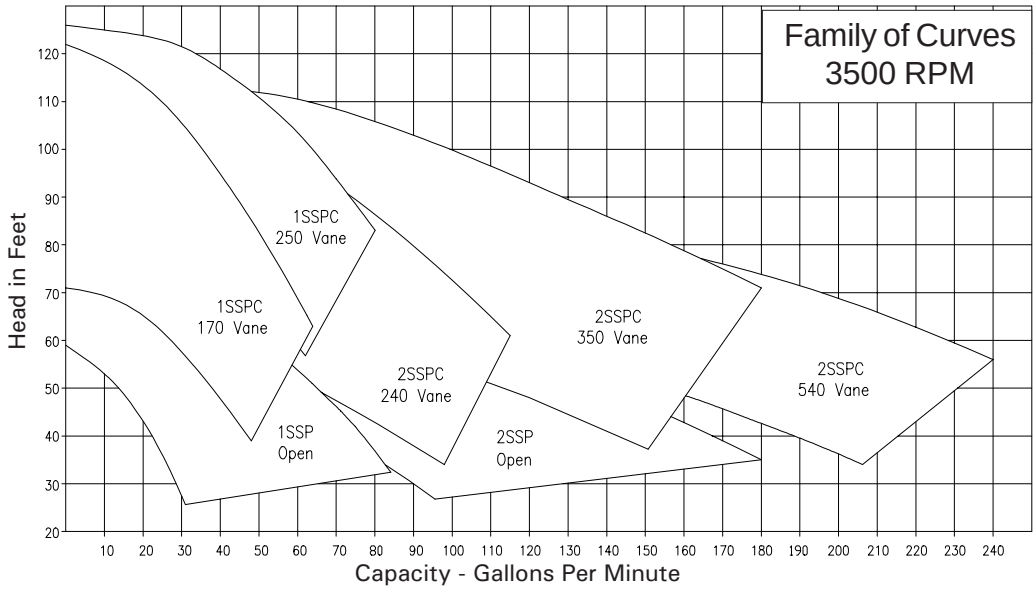
Stainless Steel Pumps for the Commercial Marketplace

SSP

- Stainless Steel
- Open or Enclosed Impellers
- End Suction
- Back Pullout
- Close Coupled
- High Efficiency







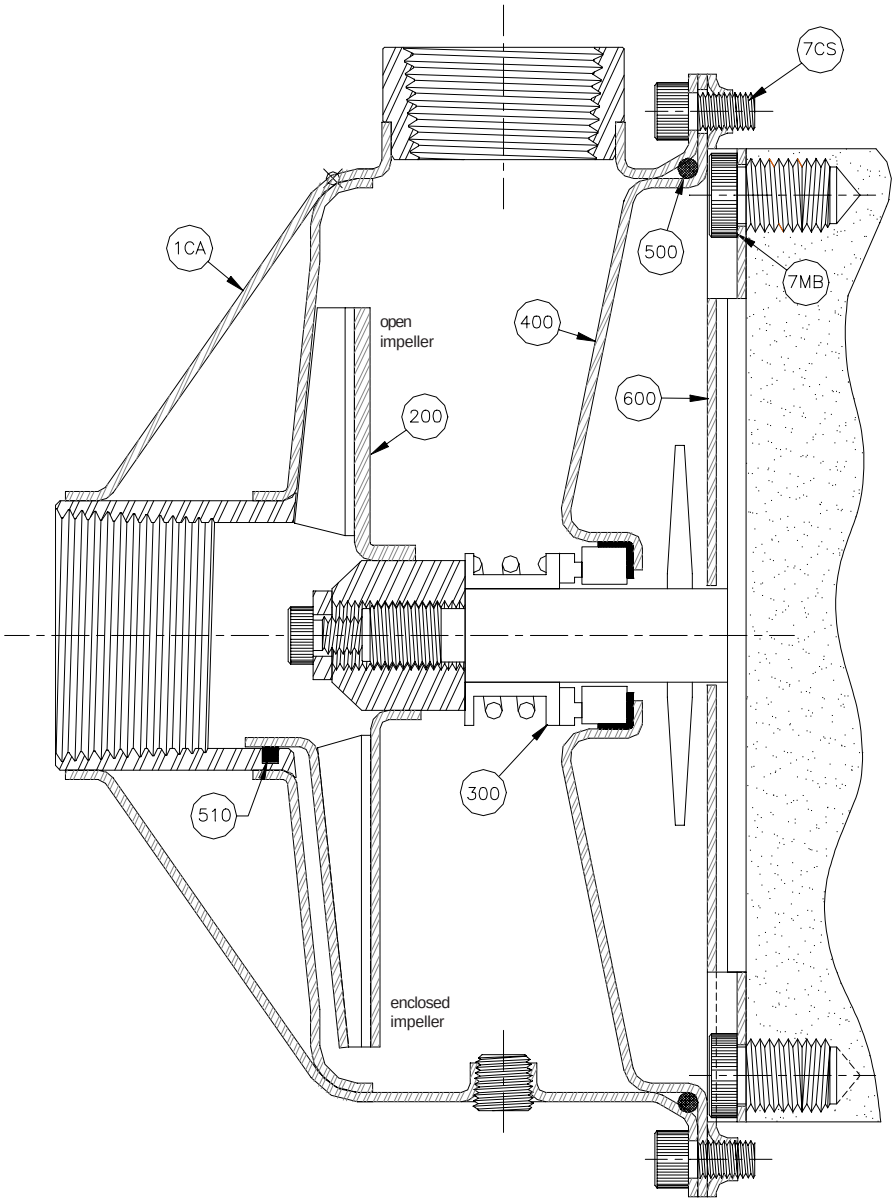
Applications

- Dishwashing Machines
- Commercial Laundry
- Parts Washers
- Pure Water Transfers
- Chillers
- Refrigeration Circulators
- Machine Tool Coolant
- Bottling Operations
- Water Circulation
- Mold Cooling
- Filtration Systems



www.aspumps.com

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Pump Description

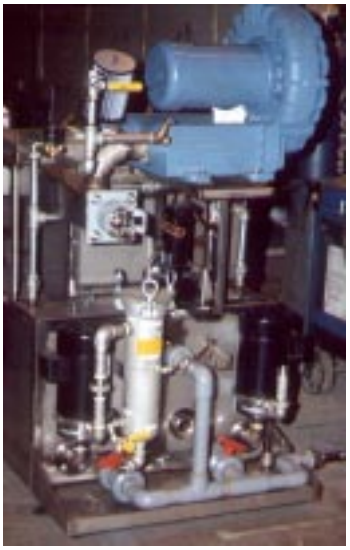
-All Stainless Steel wetted parts.
-Horizontal or vertical mounting.
-56J Frame NEMA motors
-1/2 HP to 5 HP
-ODP, TEFC, & Exp. Encl. available
-Capacities to 240 GPM
-Differential pressures to 54 psig
-Temperatures to 250ºF
-Open impeller for solids handling, or enclosed impellers for higher heads and efficiencies
-Impeller locking screw available
-NPT threaded connections
-Casing rotates for easy connections
-Special Mechanical Seals available

Standard Materials of Construction

Item No.	Description	Material
100	Casing	304SS
200	Impeller	304SS
300	Mechanical Seal	As Required
400	Seal Plate	304SS
500	Case O-Ring	As Required
600	Motor Adaptor Plate	304SS
7CS	Case Screw	Nickel Plated Steel
7MB	Motor Bolt	Nickel Plated Steel
8PB	Pump Base	304SS



Chiller Applications



Parts Washers



Dish Machines

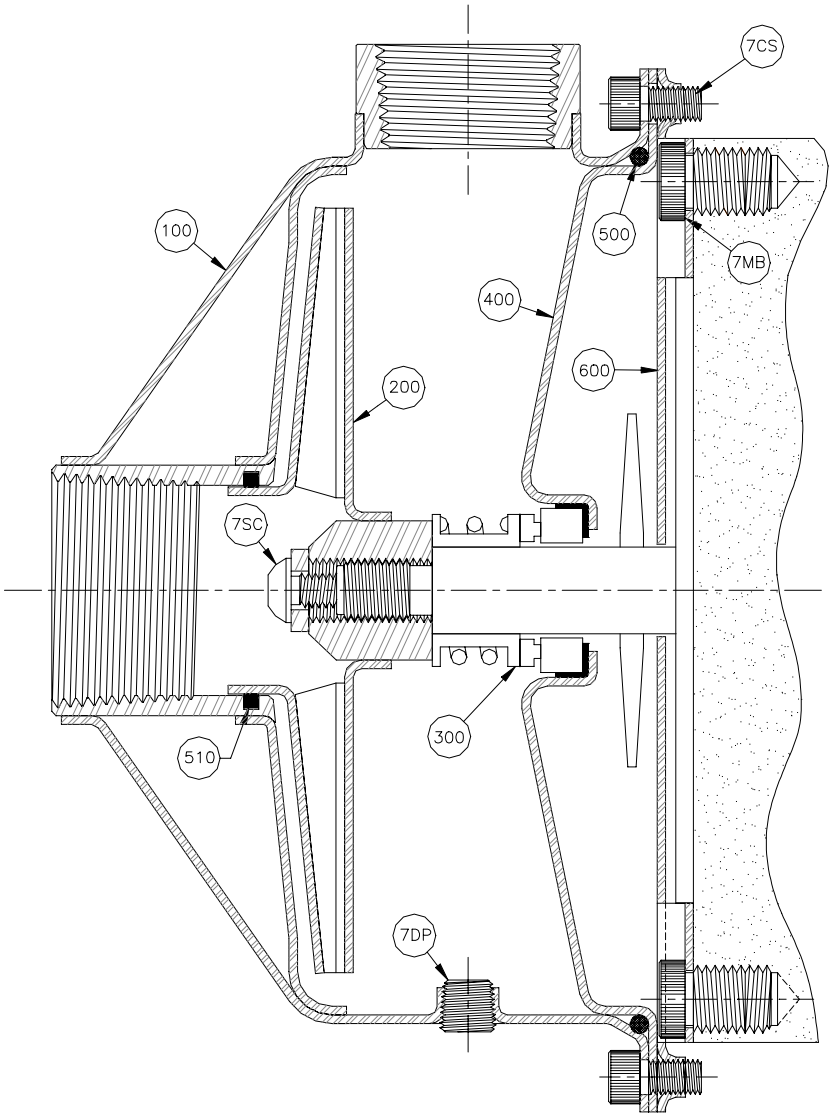
American Stainless Pumps

14032 South Avalon Blvd., #C. Los Angeles, CA. 90061

Phone (310) 630-8089 ~ Fax: (310) 630-8095

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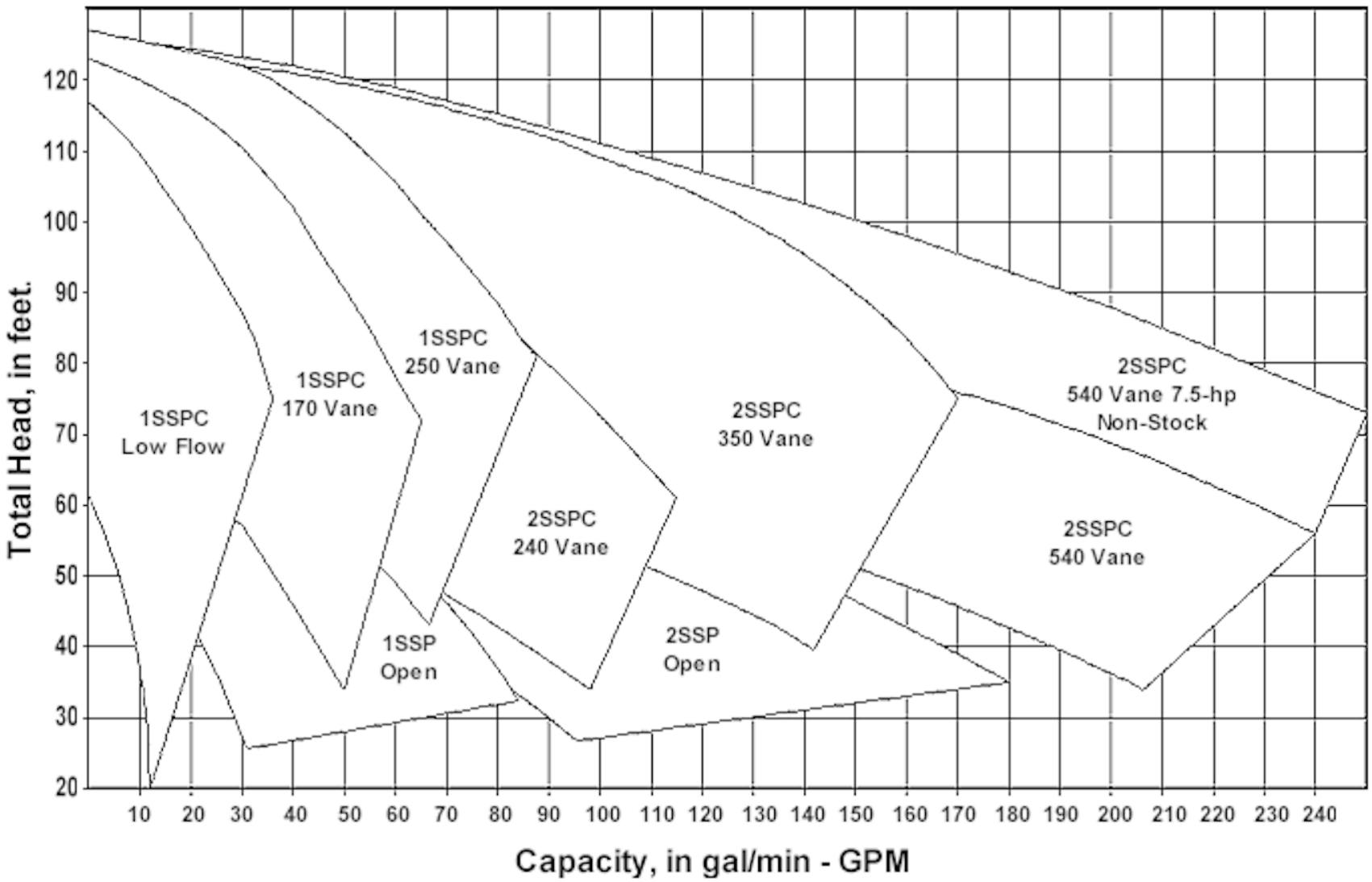
SSPC (Enclosed Impeller) Cross Sectional Drawing



Item No.	Part Description	Standard Materials
100	Casing	304 SS
200	Impeller (Enclosed)	304 SS
300	Mechanical Seal - Type 6 (std.) (Other seal types available)	Car/Cer/Buna N/316 SS (Other materials available)
400	Seal Plate	304 SS
500	Casing O-Ring	Buna N (Other materials available)
510	Impeller O-Ring	Buna N (Other materials available)
600	Motor Adapter Plate	304 SS
7CS	Casing Screw - 1/4-20 (3/16 Allen)	Nickle Plated Steel
7DP	Drain Plug - 1/8" NPT	304 SS
7MB	Motor Bolt - 3/8-16 (7/32 Allen)	304 SS
7SC	Impeller Screw - 10-32LH (1/8 Allen) (Standard on 3-Ph motors 1-hp or larger)	304 SS
800 (not shown)	Pump Base (not supplied with footed motors)	304 SS

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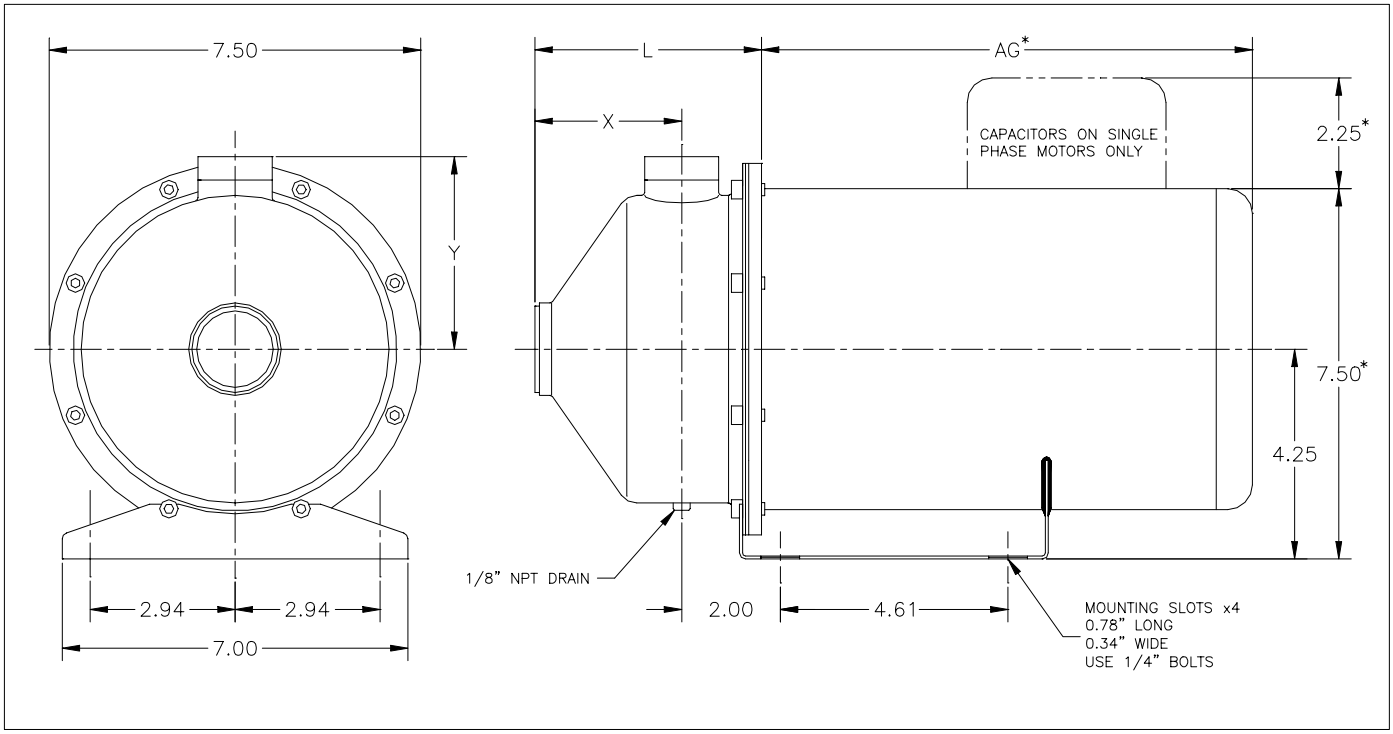
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SSP & SSPC Dimensions

With Standard Pump Base



* Dimensions may vary by motor manufacturer and motor enclosure. Weights and dimensions listed are the largest for each motor horsepower size likely to be encountered. "Certified for Construction" drawings are available upon request.

Size	Suction	Discharge	L	X	Y	Motor HP	AG	Ship Wgt.
1SSP/C	1.25 NPT	1.0 NPT	4.7	3.1	3.9	1/2	10.0	29
						3/4	10.3	31
						1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
2SSP/C	2.0 NPT	1.5 NPT	4.3	2.7	4.5	1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
						5.0	13.5	55

All dimensions in inches. Shipment weight includes packaging.

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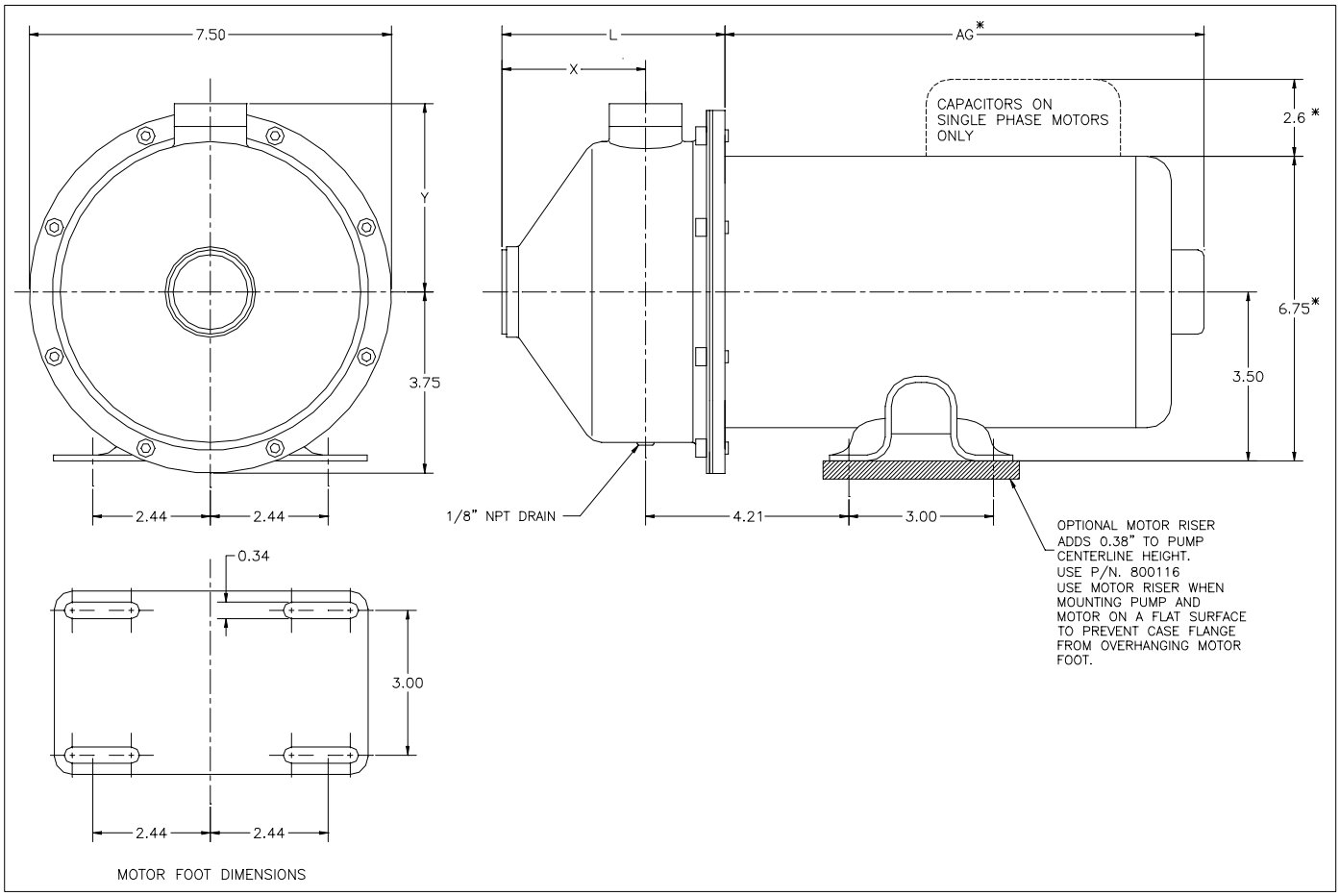
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American Stainless Pumps

Stainless Steel Pumps for the Commercial Marketplace

SSP & SSPC Dimensions

With Standard Footed Motor



* Dimensions may vary by motor manufacturer and motor enclosure. Weights and dimensions listed are the largest for each motor horsepower size likely to be encountered. "Certified for Construction" drawings are available upon request.

Size	Suction	Discharge	L	X	Y	Motor HP	AG	Ship Wgt.
1SSP/C	1.25 NPT	1.0 NPT	4.7	3.1	3.9	1/2	10.0	29
						3/4	10.3	31
						1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
2SSP/C	2.0 NPT	1.5 NPT	4.3	2.7	4.5	1.0	11.3	33
						1.5	11.5	37
						2.0	12.1	42
						3.0	12.5	51
						5.0	13.5	55

All dimensions in inches. Shipment weight includes packaging.

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Catalog Number Nomenclature

Rev. Date
3/13/2008

C 1 56 25 B 1 T 1 X — Sample code for a model SSPC, size 1x1.25 with a 5.75" diameter impeller, 0.250 Vane height (at 4.38" diameter), Carbon/Ceramic/Buna Type 6 mechanical seal, with a 1 HP, TEFC, 1/60/115-230V motor, and with a special construction code letter.

1st Symbol	Pump Model	F = FSP: 304 SS, 5 inch case, threaded connections S = SSP: Open Impeller, 304SS Pump, 6 inch case, threaded connections C = SSPC: Closed Impeller, 304SS Pump, 6 inch case, threaded connections D = 7SP: 304SS, 7 inch case, threaded connection

2nd Symbol	Size Code Discharge x Suction Discharge x Suction	1 = 1.0" x 1.25" NPT 2 = 1.5" x 2.0" NPT (only available with 6" case) 3 = 1.0" x 1.25" NPT (only available with 7" case)

3rd & 4th Symbol	Impeller Diameter	Digits indicate impeller diameter in inches, and eighths of an inch. Examples: 43 = 4 and 3/8 = 4.38", 56 = 5 and 6/8 = 5.75"

5th & 6th Symbol	Impeller Vane Height (at a reference diameter of 4.38")	Two digits indicate vane height at 4.38" diameter, as indicated on performance curve. Example: 25 indicates an average vane height of approximately 0.250 inch at 4.38". (Note: if the impeller diameter is larger than 4.38", the vane height at the outside diameter will be smaller than the size code.)

7th Symbol — Mechanical Seal Type & Materials

Material Index
Material Format:
Rotating Face**/** Stationary Face**/** Elastomer
Car = Carbon
Cer = Ceramic
SiC = Silicon Carbide

Type 6			**Type 21**	
B = Car/Cer/Buna	Stock	(Std.)	Consult Factory	
E = Car/Cer/EPR	Stock			
V= Car/Cer/Viton	Stock			
4= Car/SiC/Viton	Stock			
6= SiC/SiC/Buna	Stock			
7= SiC/SiC/EPR	Stock			
8= SiC/SiC/Viton	Stock			
X = Special				

Note: Standard case and impeller o-ring material will match seal elastomer as selected above.

8th Symbol	Motor HP	A = 1/3 HP	1 = 1 HP	3 = 3 HP
		B = 1/2 HP	E = 1.5 HP	5 = 5 HP
		C = 3/4 HP	2 = 2 HP	

9th Symbol	Motor Enclosure	D = Dripproof	X = Explosion Proof	V = TENV
		T = TEFC	W = Washdown Duty	

10th Symbol — Motor Power Details

Power Rating	**3500 RPM**	**1750 RPM**	**2900 RPM**
1/60/115-230V	1	A	
1/60/230V	2	B	
3/60/230-460V	3	C	
3/60/460V	4	D	
3/60/575V	5	E	
1/50 or 1/60 (dual)	V	G	V
3/50 or 3/60 (dual)	S	U	S
Special	X	X	X
1/50/110-220V			W
1/50/220V			Y
3/50/380V			Z

11th Symbol & Up	Special Construction Code. Consult factory for pricing and details. May Indicate special OEM configuration.	F = Footed Motor T = Thermal Overload Protection (3 phase motors only) L = Pump less base. X = Special - Consult factory with serial number

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