



# American Stainless Pumps

Stainless Steel Pumps for the Commercial Marketplace

## SSP/C Catalog Number Nomenclature

Rev. Date  
7/1/2004

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.

<b>1st Symbol</b>	Pump Model	S = SSP: Open Impeller, 304SS Pump, 6 inch case, threaded connections
		C = SSPC: Closed Impeller, 304SS Pump, 6 inch case, threaded connections

<b>2nd Symbol</b>	Size Code	1 = 1.0" x 1.25" NPT
	Discharge x Suction	2 = 1.5" x 2.0" NPT

<b>3rd &amp; 4th Symbol</b>	Impeller Diameter	Digits indicate impeller diameter in inches, and eighths of an inch.
		Examples: 43 = 4.38", 56 = 5.75"

<b>5th &amp; 6th Symbol</b>	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.)

<b>7th Symbol</b>	Mechanical Seal Type & Materials	<b>Type 6</b>	<b>Type 21</b>																						
		<table border="1"> <tr> <td>B = Car/Cer/Buna</td> <td>Stock</td> <td>(Std.)</td> <td>Consult Factory</td> </tr> <tr> <td>E = Car/Cer/EPR</td> <td>Stock</td> <td></td> <td></td> </tr> <tr> <td>V = Car/Cer/Viton</td> <td>Stock</td> <td></td> <td></td> </tr> <tr> <td>4 = Car/SiC/Viton</td> <td>Stock</td> <td></td> <td></td> </tr> <tr> <td>8 = SiC/SiC/Viton</td> <td>Stock</td> <td></td> <td></td> </tr> <tr> <td>X = Special</td> <td></td> <td></td> <td></td> </tr> </table>	B = Car/Cer/Buna	Stock	(Std.)	Consult Factory	E = Car/Cer/EPR	Stock			V = Car/Cer/Viton	Stock			4 = Car/SiC/Viton	Stock			8 = SiC/SiC/Viton	Stock			X = Special		
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<b>Material Index</b>																									
Material Format:																									
Rotating Face / Stationary Face / Elastomer																									
Car = Carbon																									
Cer = Ceramic																									
SiC = Silicon Carbide																									
Note: Standard case and impeller o-ring material will match seal elastomer as selected above.																									

<b>8th Symbol</b>	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	

<b>9th Symbol</b>	Motor Enclosure	D = Drip-proof	X = Explosion Proof
		T = TEFC	W = Washdown Duty

<b>10th Symbol</b>	Motor Power Details	<b>Power Rating</b>	<b>3500 RPM</b>	<b>1750 RPM</b>	<b>2900 RPM</b>
		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

<b>11th Symbol &amp; Up</b>	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.
		HPS = High Pressure S1 Case - Rated 125-psi. (S2 case already High Pressure)
		HPC = High Pressure C1 Case - Rated 125-psi. (C2 Case already High Pressure)
		X = Special - Consult factory with serial number