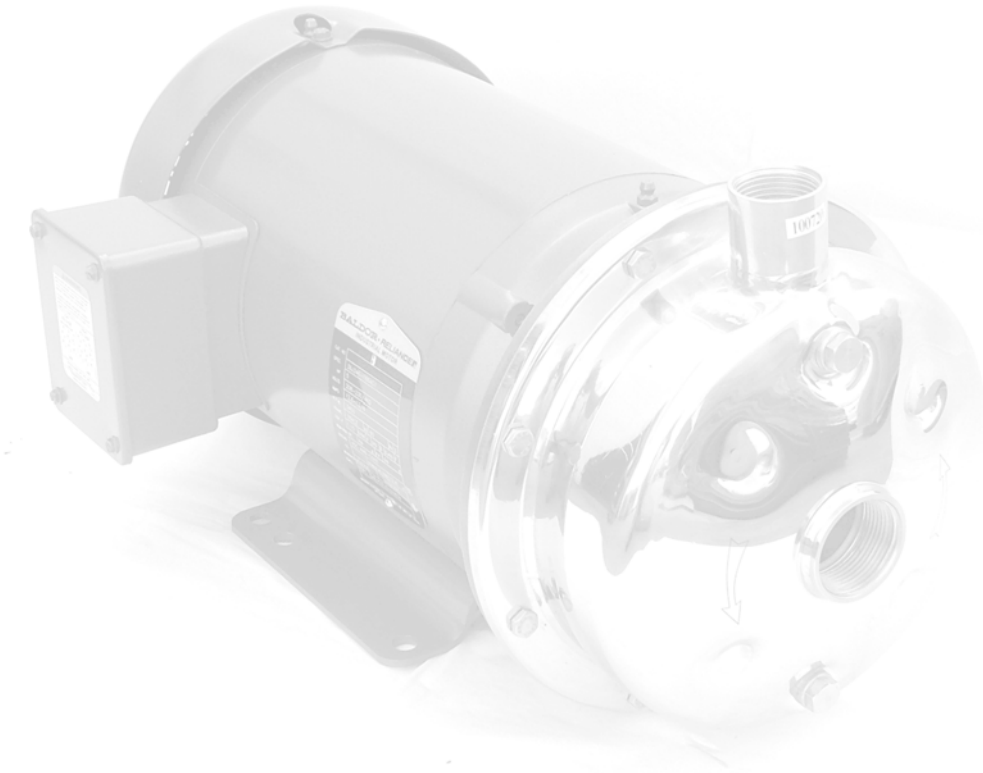


7SP

STAINLESS STEEL PUMP



AMERICAN STAINLESS PUMPS
STAINLESS STEEL PUMPS FOR THE COMMERCIAL MARKETPLACE

7SP STAINLESS PUMP

- Our exclusive design allows for use with easy to locate replacement parts. No more hard to find Metric and custom seals and fasteners
- The same Standard Type 16 mechanical seals we use in our SSP/C models
- Flow Rates to 63-gpm
- System pressures up to 120 psig
- Pump pressures up to 86 psig
- Impellers up to 7.1" in diameter
- 56J frame: 2 through 5 horsepower motors
- Service in both 50 and 60-Hz
- Stainless steel casing and impellers
- Multiple mechanical seal materials available to suit application
- 1.25" NPT suction nozzle and a 1.0" NPT discharge nozzle





AMERICAN STAINLESS PUMPS

Stainless Steel Pumps for the Commercial Marketplace

FSP and SSP and 7SP Catalog Number Nomenclature

Rev. Date
9/21/2018

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	1 = 1.0" x 1.25" NPT
	Discharge x Suction	2 = 1.5" x 2.0" NPT (SSP Only)
	Discharge x Suction	3 = 1.0" x 1.25" NPT (7SP Only)
	Discharge x Suction	4 = 1.5" 3A sanitary connections

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. Ex: 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)

7th Symbol	Mechanical Seal Type & Materials	Type 16		(Std.)	Type-16 o-ring mount	
		B = Car/Cer/Buna	Stock			
		E = Car/Cer/EPR	Stock			
		V = Car/Cer/Viton	Stock		L = Car/SiC/Buna	
		4 = Car/SiC/Viton	Stock		M = Car/SiC/EPR	Stock
		5 = Car/SiC/EPR	Stock		N = Car/SiC/Viton	
		6 = SiC/SiC/Buna	Stock		P = SiC/SiC/Buna	Stock
		7 = SiC/SiC/EPR	Stock		R = SiC/SiC/EPR	Stock
		8 = SiC/SiC/Viton	Stock		T = 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	7 = 7.5HP (non-stock)

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

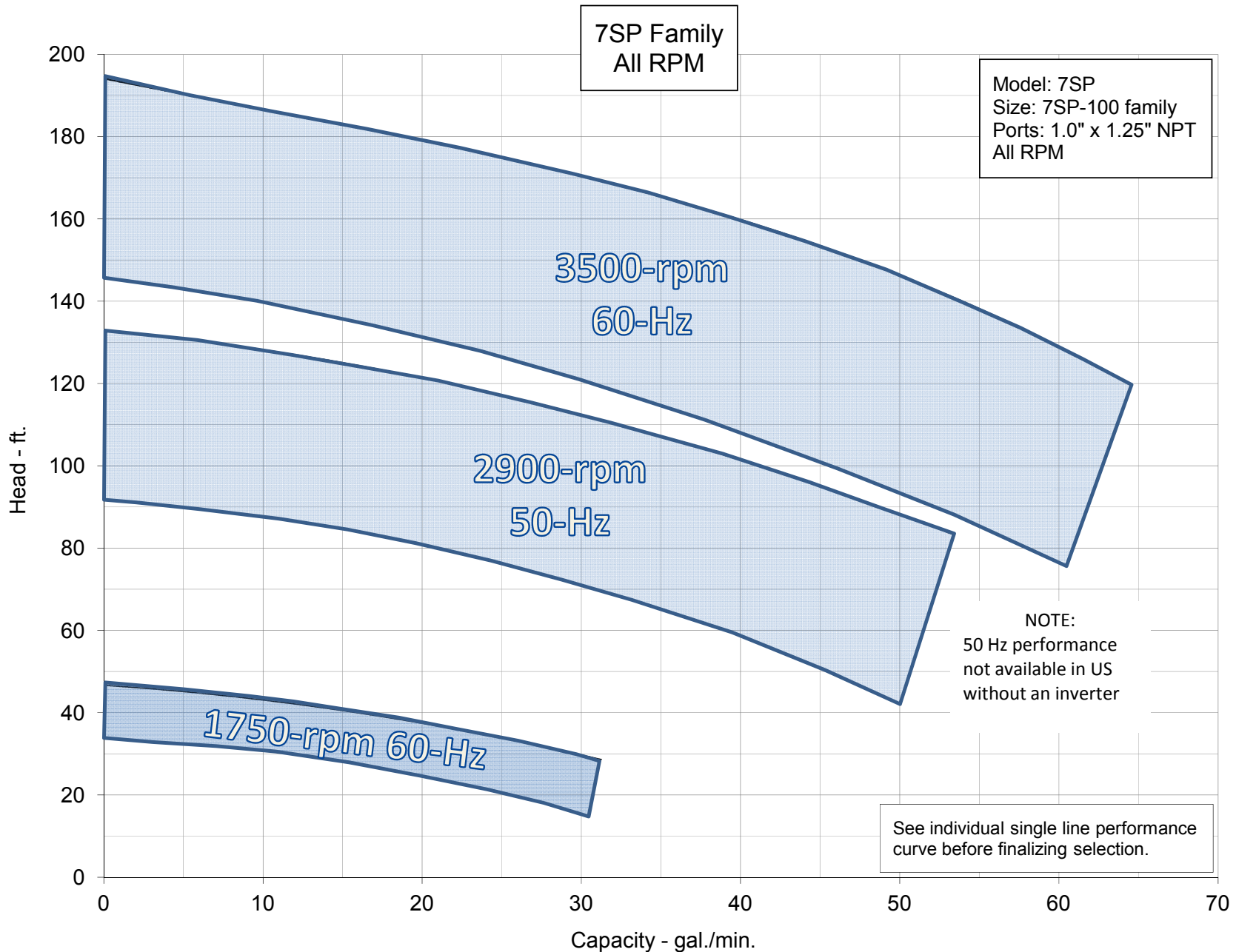
10th Symbol	Motor Power Details	Power Rating	3500 RPM	1750 RPM	2900 RPM
		1/60/115-230V	1	A	
		1/60/230V	2	B	
		3/60/208V	8		
		3/60/230-460V	3	C	
		3/60/460V	4	D	
		3/60/575V	5	E	
		1/50 or 1/60 (dual)	V	G	V
		3/50 or 3/60 (dual)	S	U	S
		Special	X	X	X
		1/50/110-220V			W
		1/50/220V			Y
3/50/380V			Z		

11th Symbol & Up	Special Construction Codes:	
	Consult factory for special pricing. May indicate a restricted OEM code.	= Stainless Steel Base (no symbol)
		F = Footed Motor
		S = Motor Shaft is 300SS
		X = Special - Consult factory with serial number
		W = welded impeller (no braze)
	V = VFD capable	



AMERICAN STAINLESS PUMPS

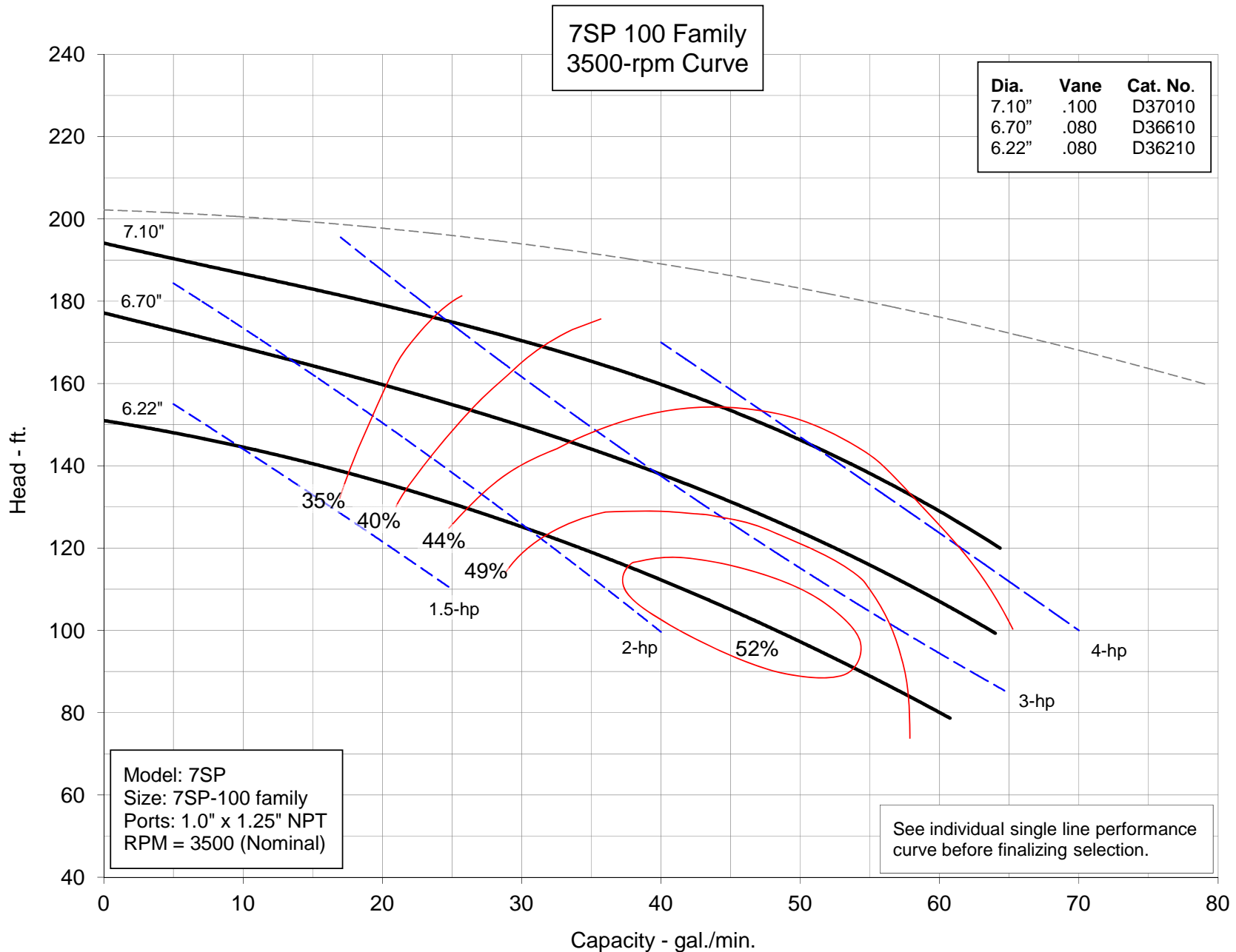
Stainless Steel Pumps for the Commercial Marketplace





AMERICAN STAINLESS PUMPS

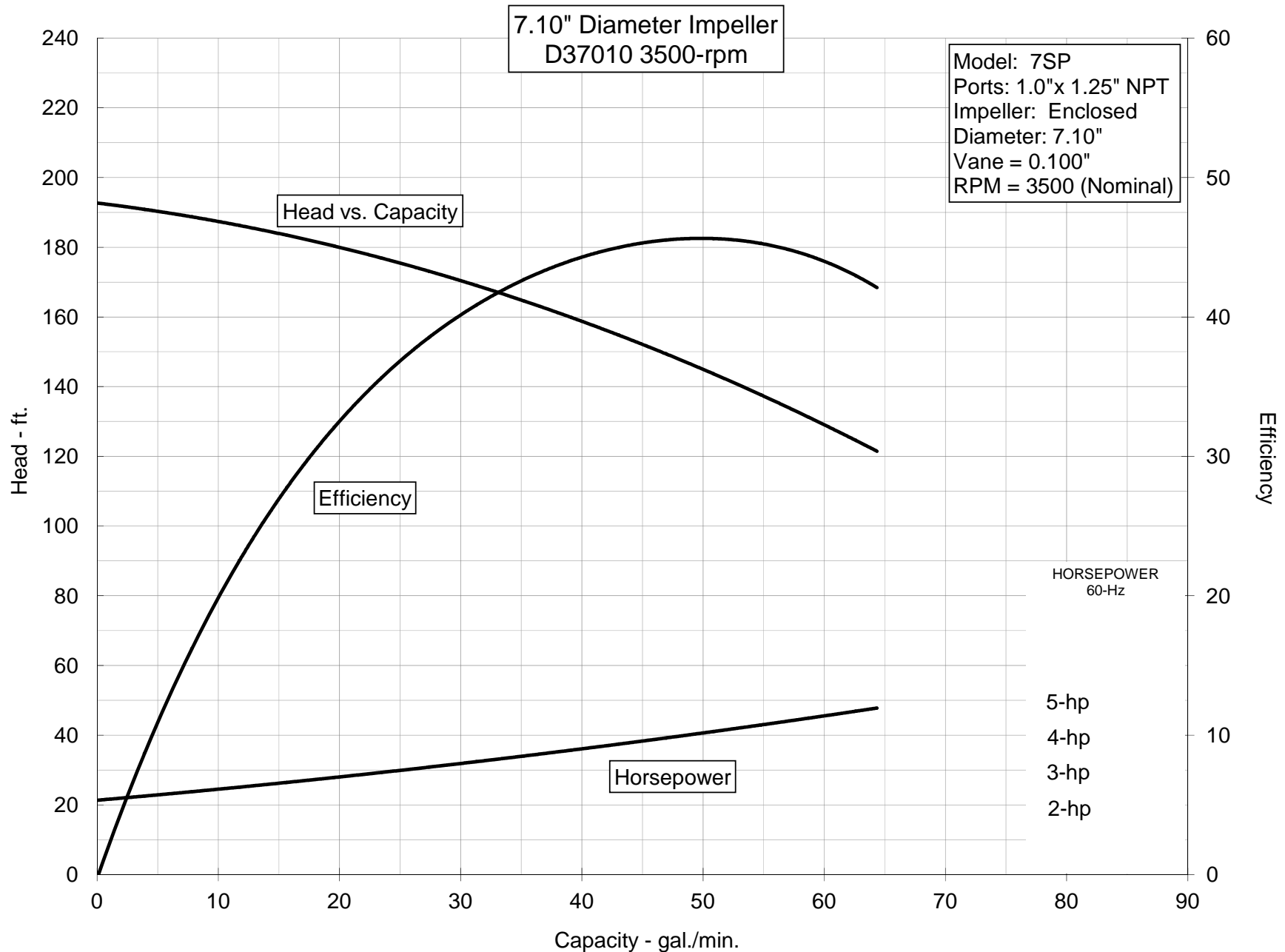
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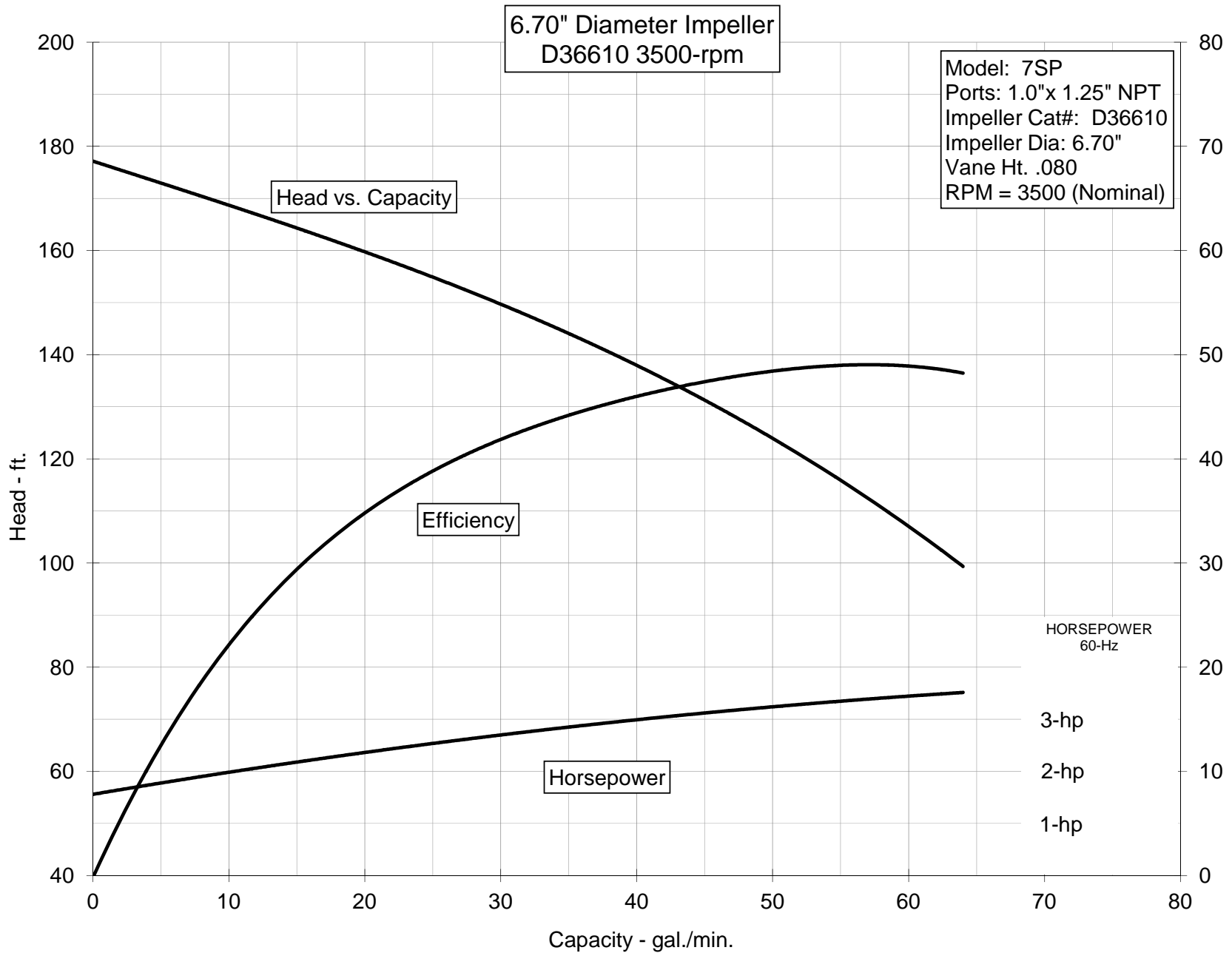
Stainless Steel Pumps for the Commercial Marketplace





AMERICAN STAINLESS PUMPS

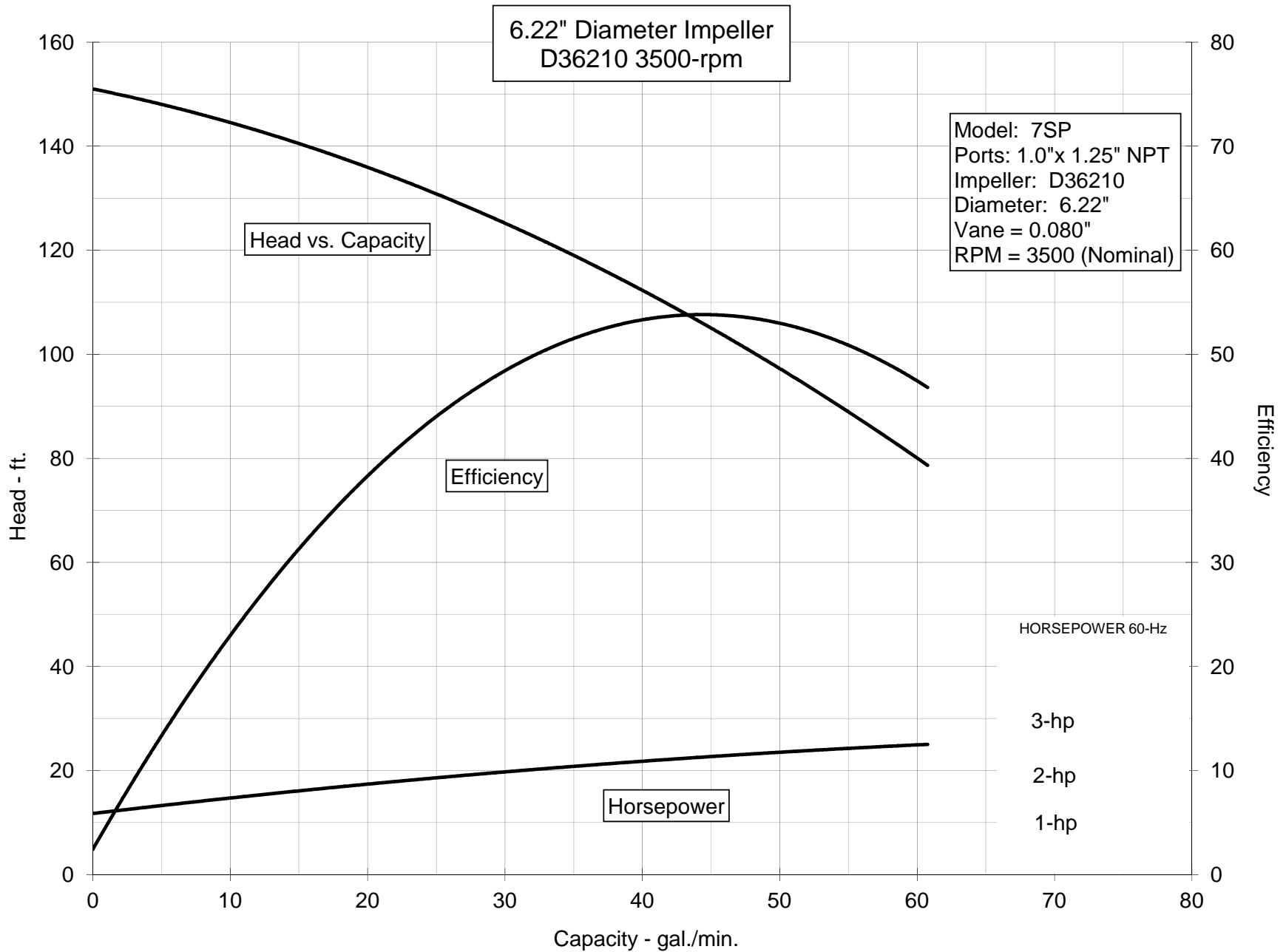
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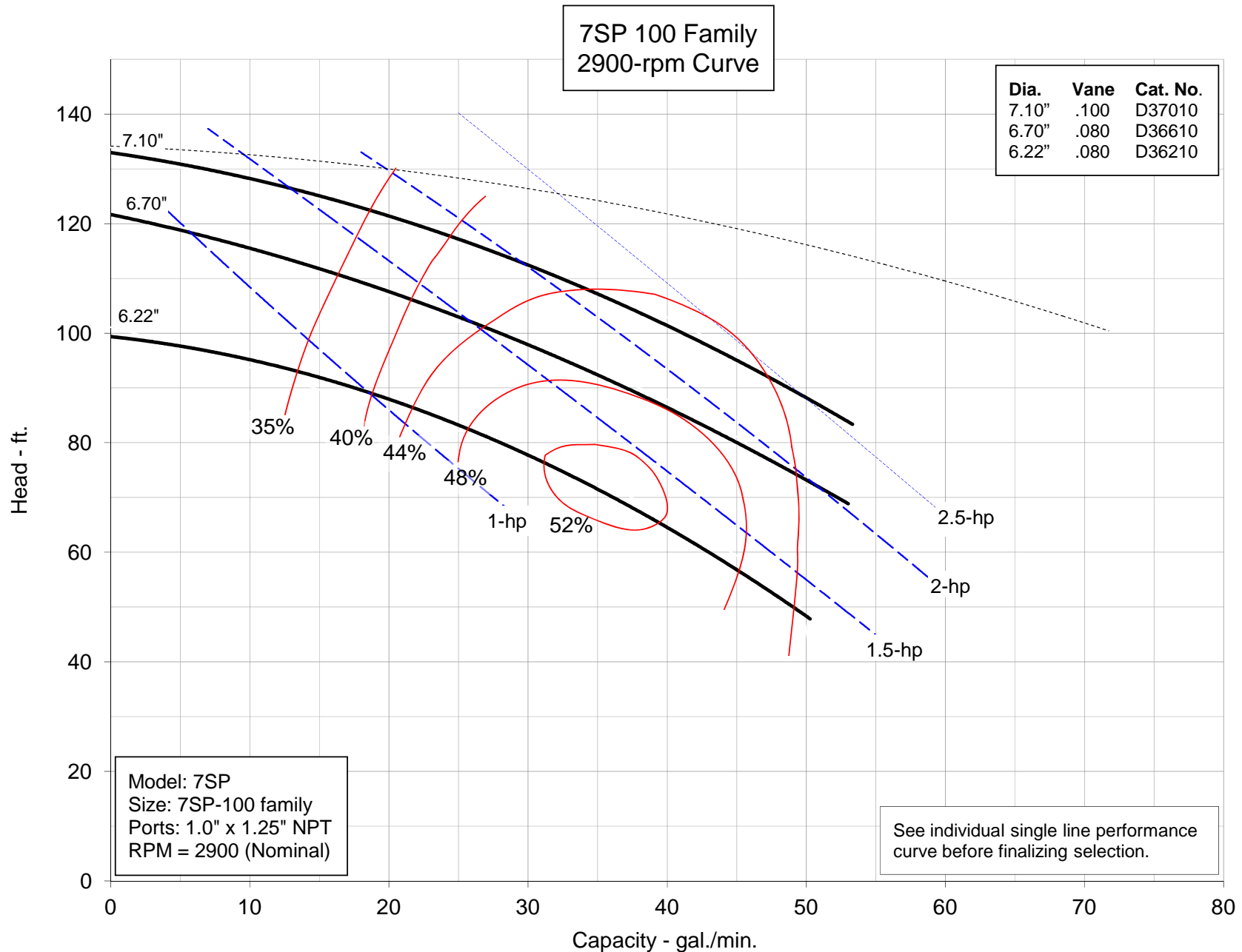
Stainless Steel Pumps for the Commercial Marketplace





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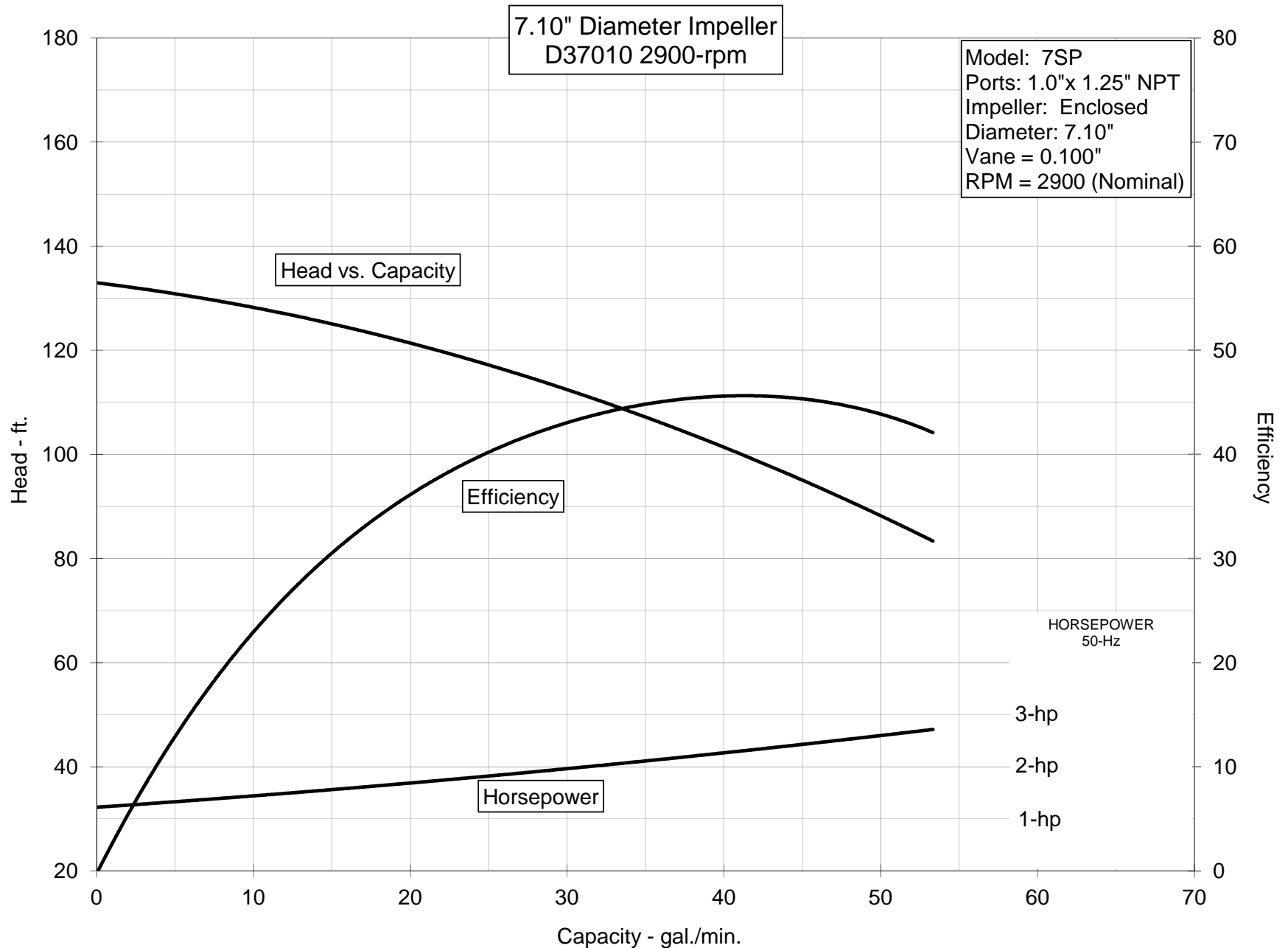
Stainless Steel Pumps for the Commercial Marketplace





AMERICAN STAINLESS PUMPS

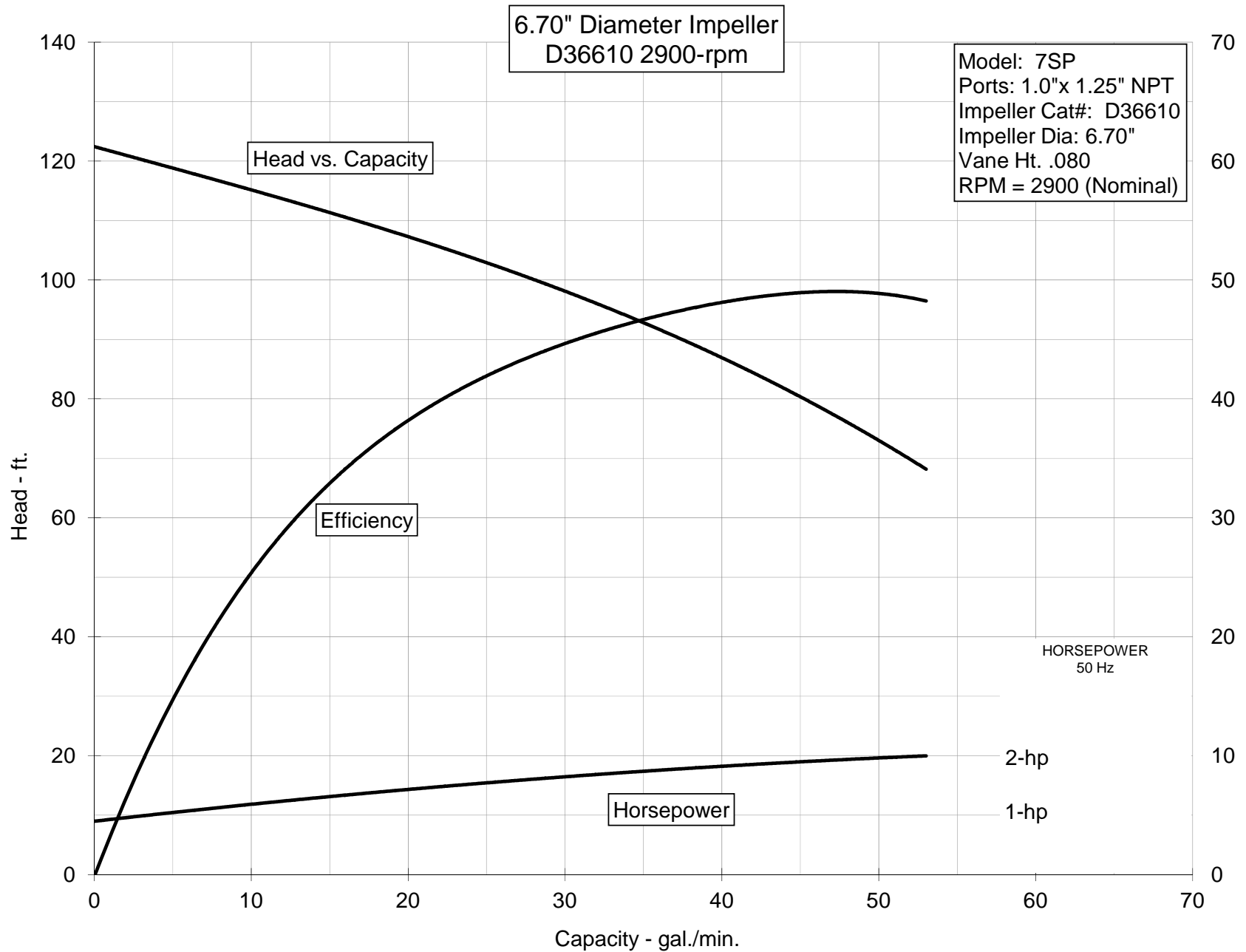
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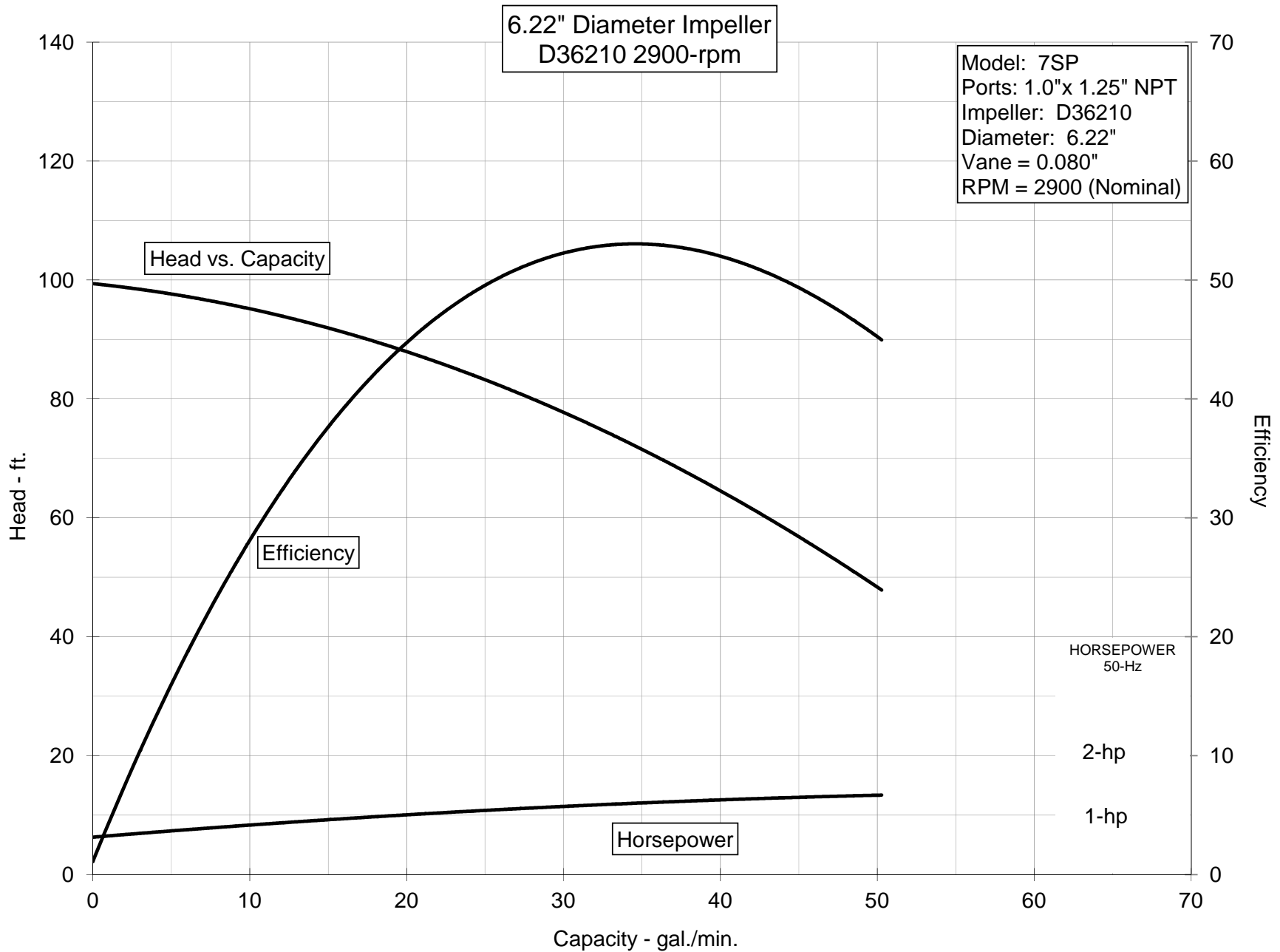
Stainless Steel Pumps for the Commercial Marketplace





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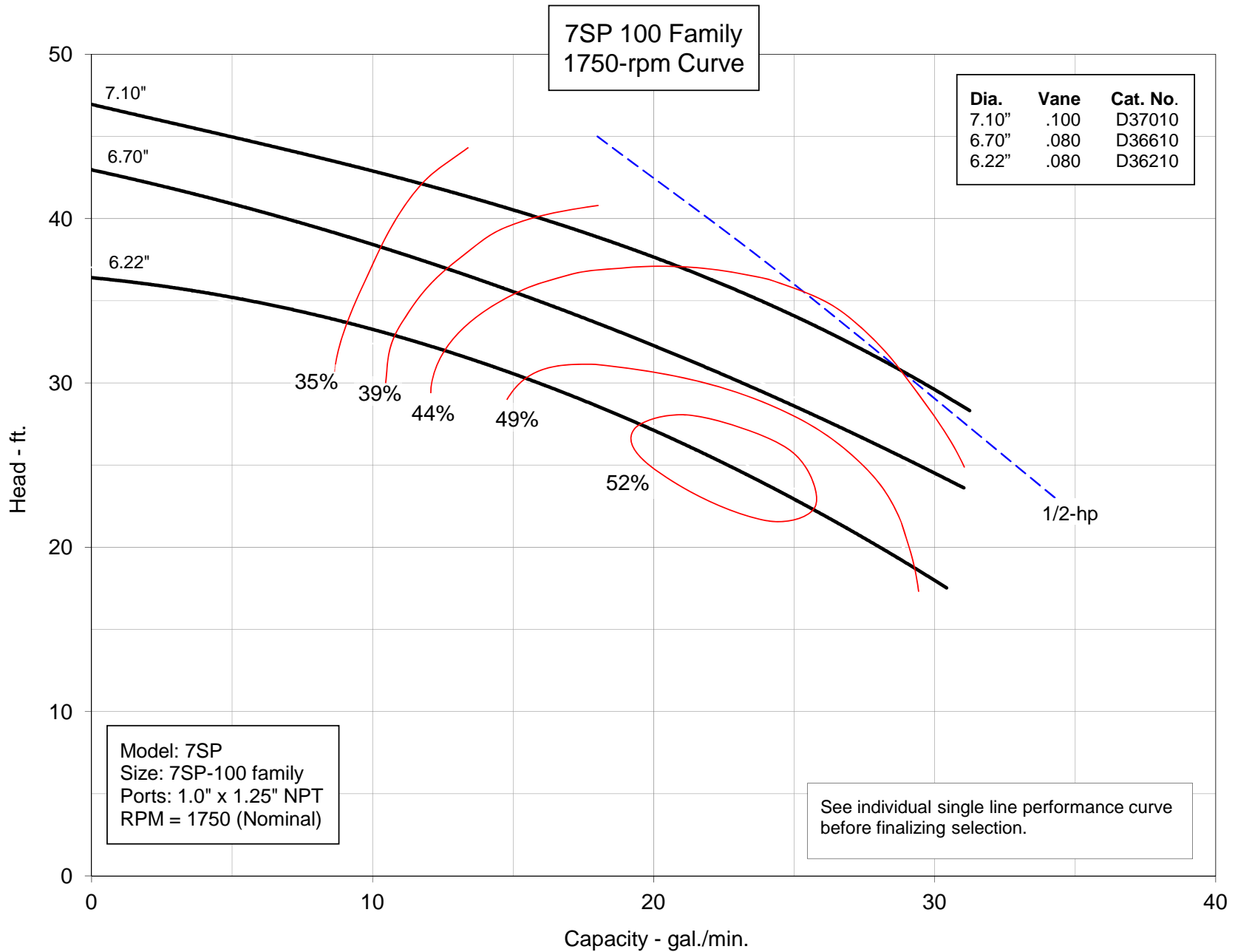
Stainless Steel Pumps for the Commercial Marketplace





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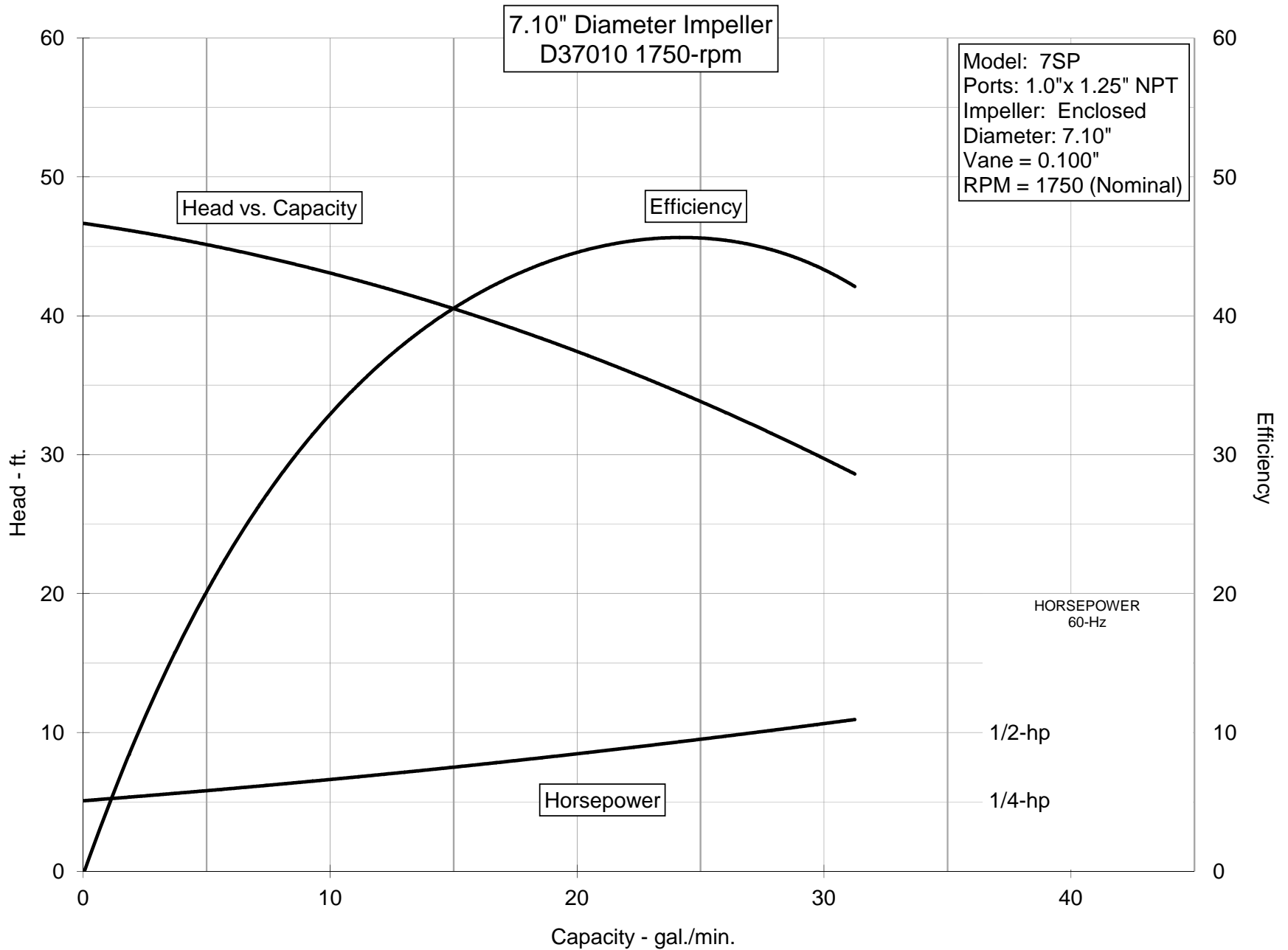
Stainless Steel Pumps for the Commercial Marketplace





AMERICAN STAINLESS PUMPS

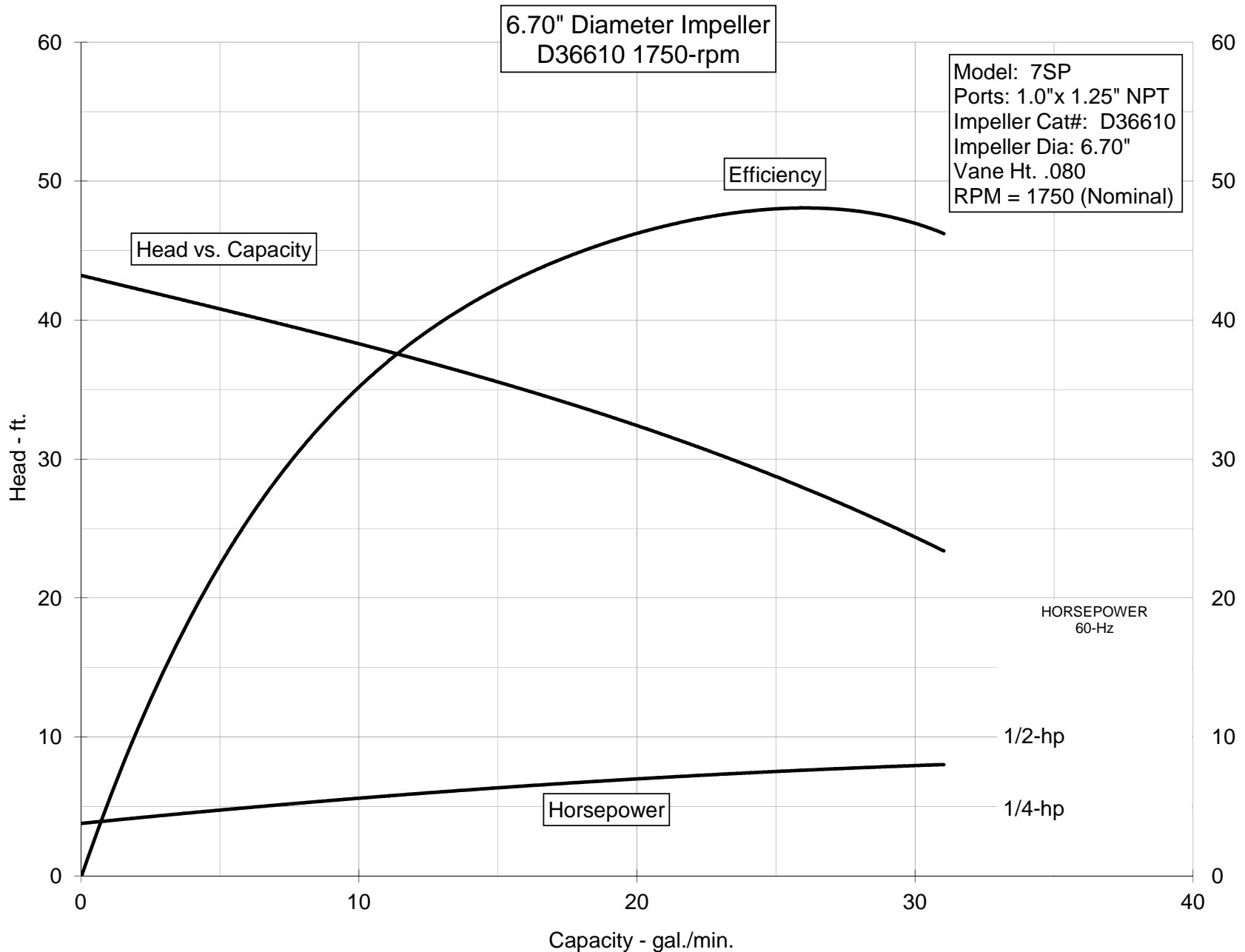
Stainless Steel Pumps for the Commercial Marketplace





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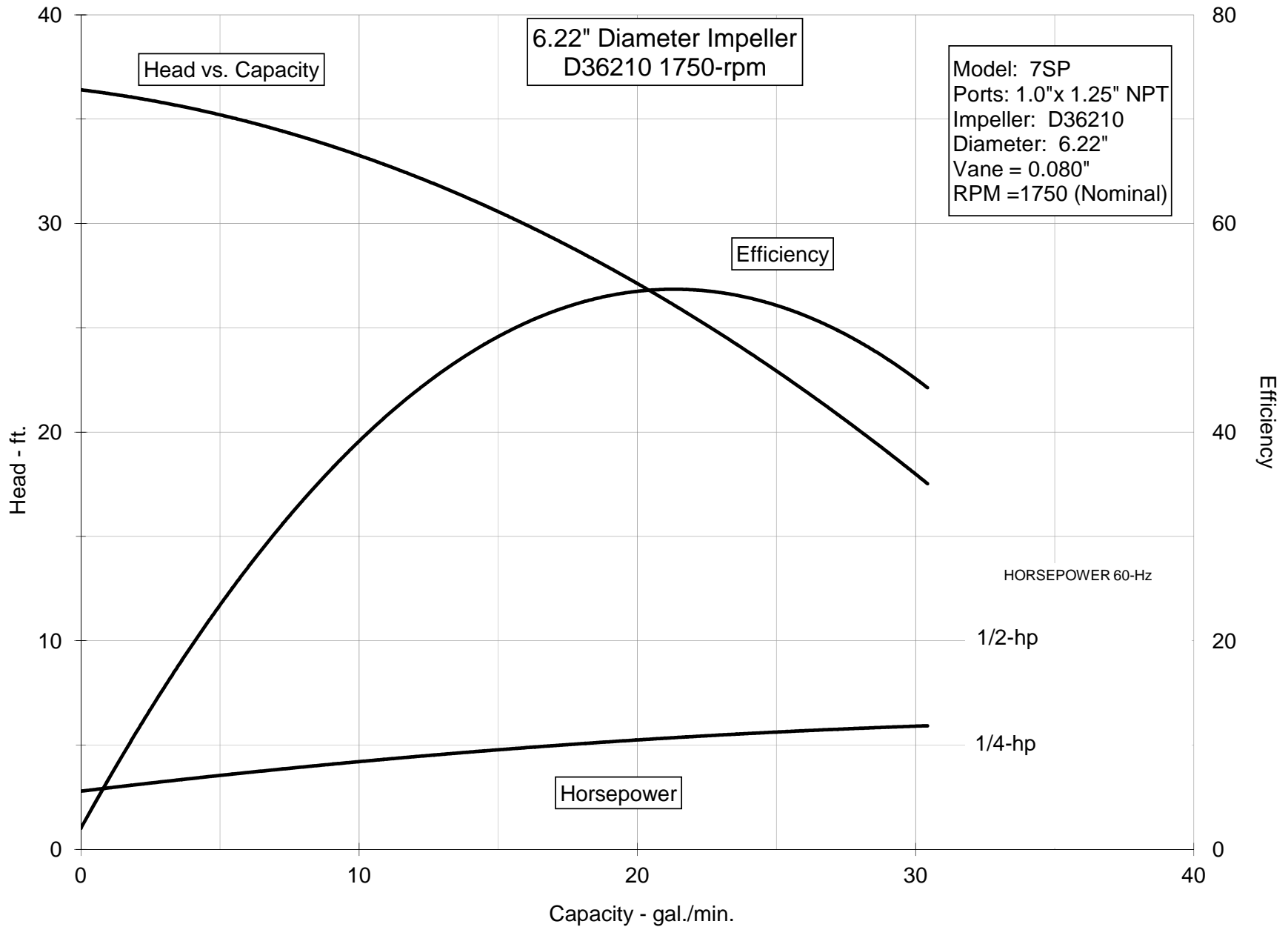
Stainless Steel Pumps for the Commercial Marketplace



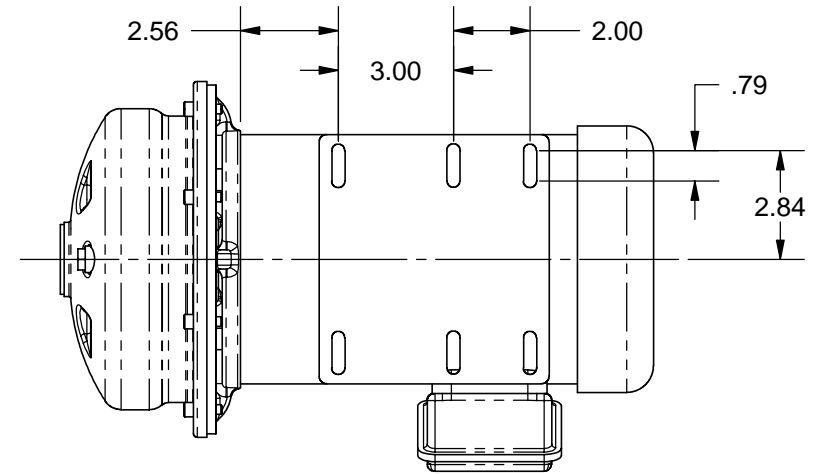
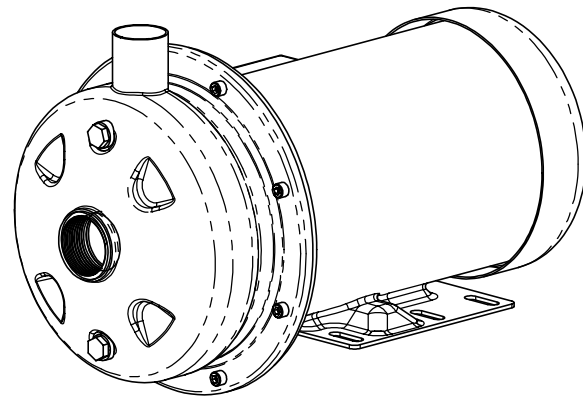
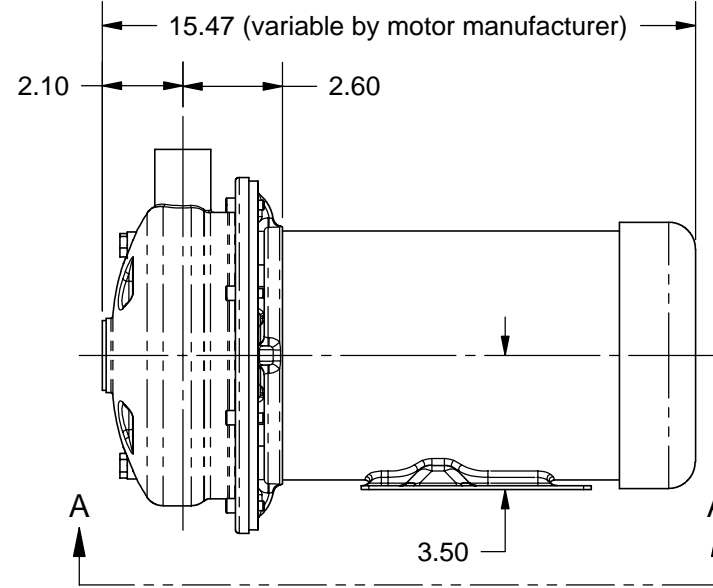
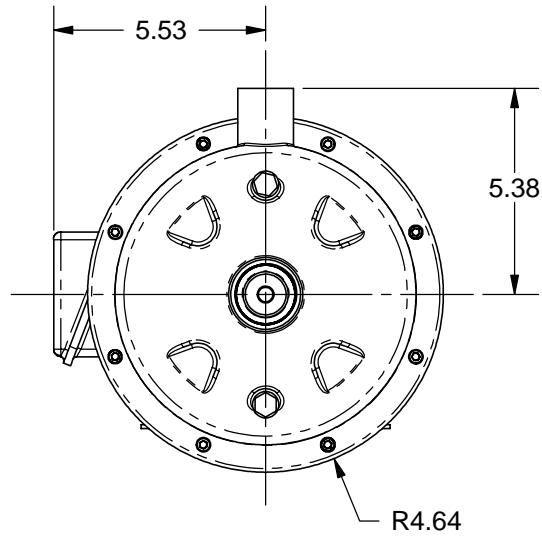


AMERICAN STAINLESS PUMPS

Stainless Steel Pumps for the Commercial Marketplace



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SECTION A-A

REV.	REVISION DESCRIPTION	DATE
0	ORIGINAL DOCUMENT	

WHEN NOT NOTED OTHERWISE

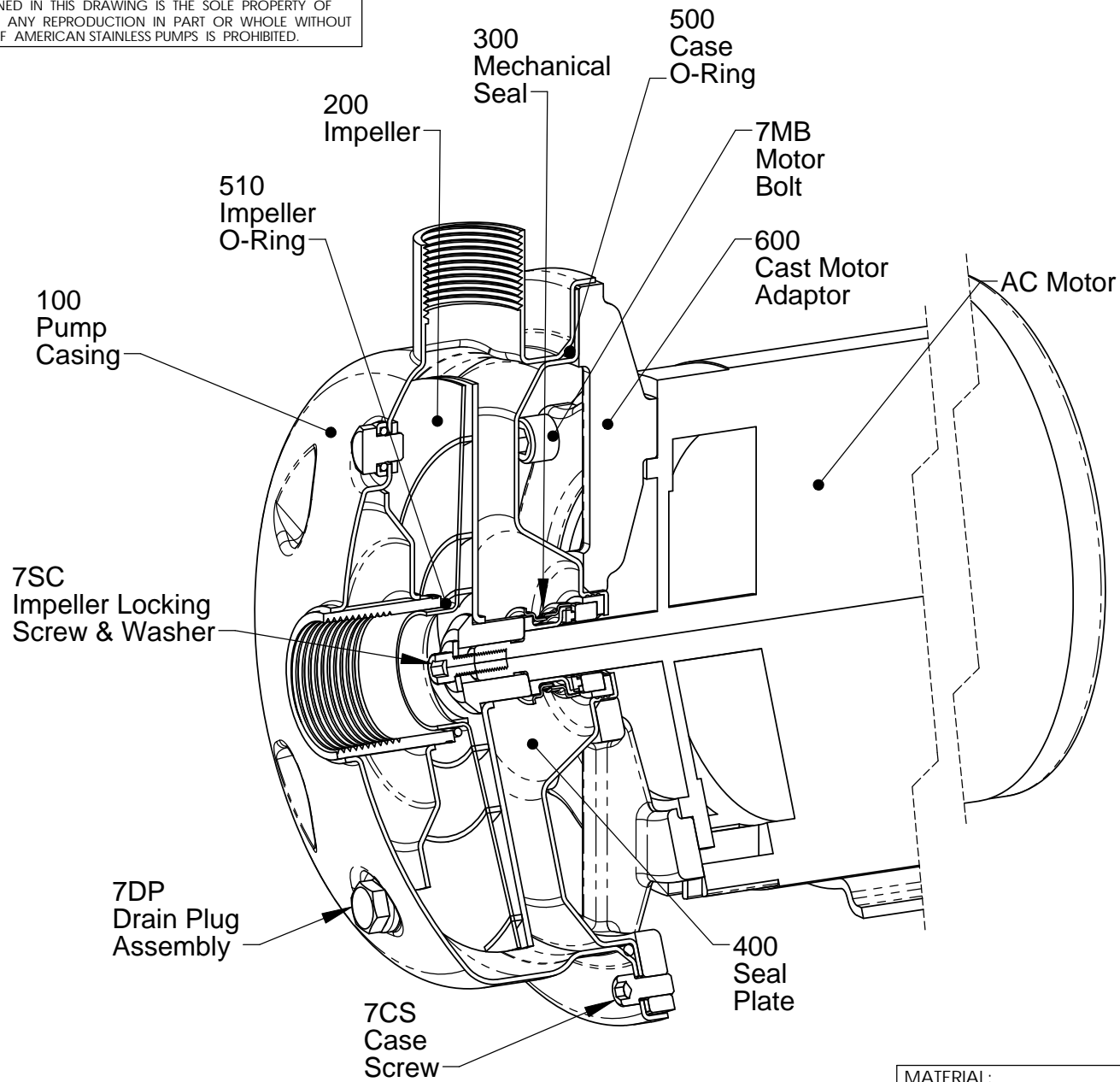
ALL DIMENSIONS IN INCHES.
 REMOVE ALL BURRS.
 RADIAL & DIAMETRICAL DIMENSIONS ARE TO BE HELD TO A ±.002
 SYMMETRICAL TOLERANCE, AND ARE CONCENTRIC WITH PART CENTERLINES.

CHAMFER MACHINED EDGES 0.03.
 FILLET CORNERS 0.06
 MACHINED FACES SURFACE FINISH 63.
 QUESTIONS? CALL 310-630-8089.
 EMAIL: MCOOL@ASPUMPS.COM

RELEASED FOR CONSTRUCTION?	Quote	
TOLERANCES UNLESS OTHERWISE INDICATED		
FRACTIONS	DECIMAL	ANGULAR
1/X ± 1/32	.X ± 0.015	X ± .5
1/XX ± 1/64	.XX ± 0.01	.X ± .1
	.XXX ± 0.005	.XX ± .02
	XXXX ± 0.001	

MATERIAL: Material		MANUFACTURING PROCESS: Process	
CAD GENERATED DRAWING NOT FOR CONSTRUCTION UNLESS INDICATED. DO NOT SCALE DRAWING.		 American Stainless Pumps LOS ANGELES, CALIFORNIA	
PART NO	Part No	SHEET NAME: Dimension Sheet	
DRAWN BY: MWC	FILE NAME: 7SP-3T3F Outline Drawing	REV. 0	DATE 10/28/07
CHECKED BY: MFB	RELEASED BY: BOTH	SHEET 1 OF 1	
SHEET: A	SCALE: 1:5	PATH:	

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REV.	REVISION DESCRIPTION	DATE
0	ORIGINAL DOCUMENT	

WHEN NOT NOTED OTHERWISE

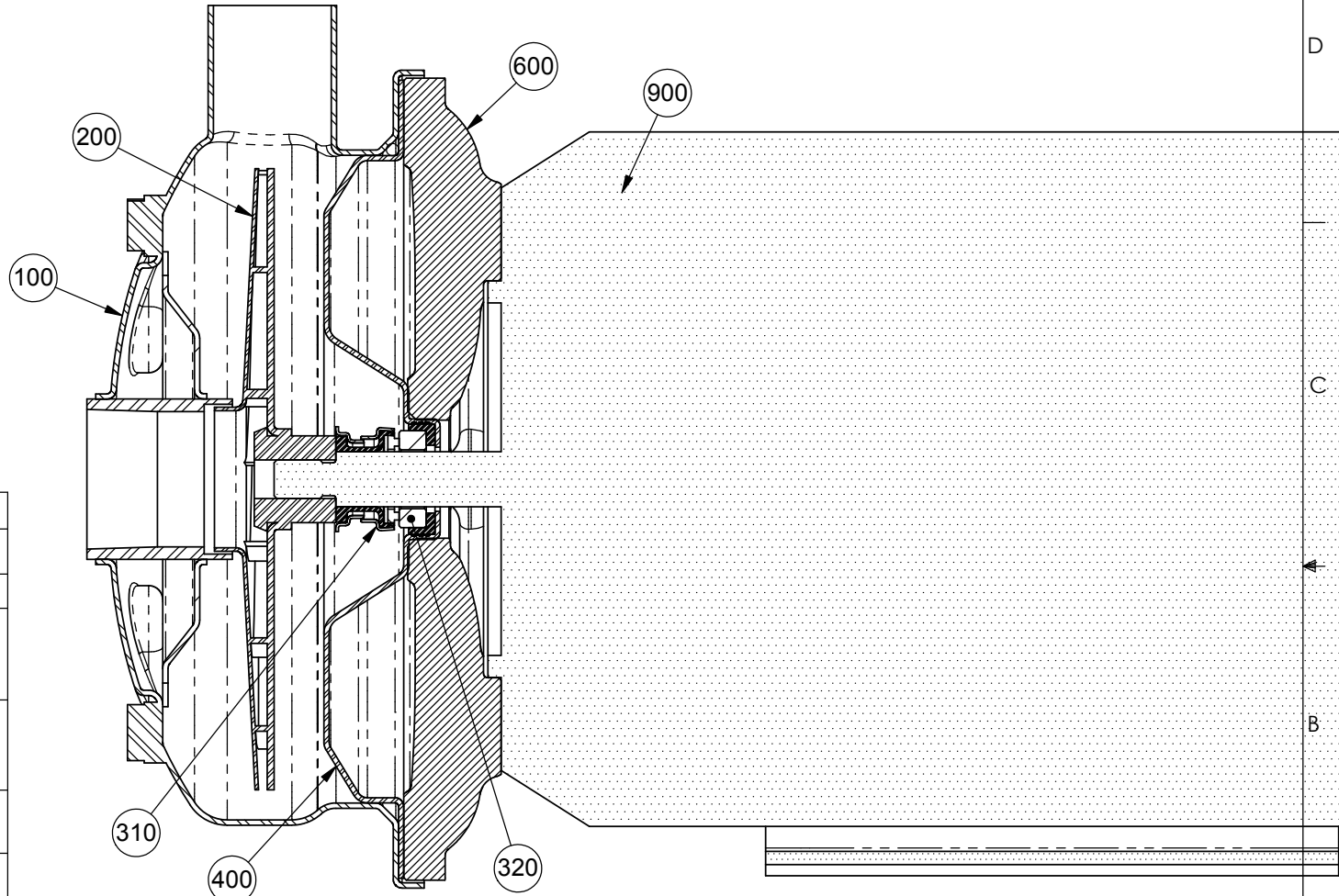
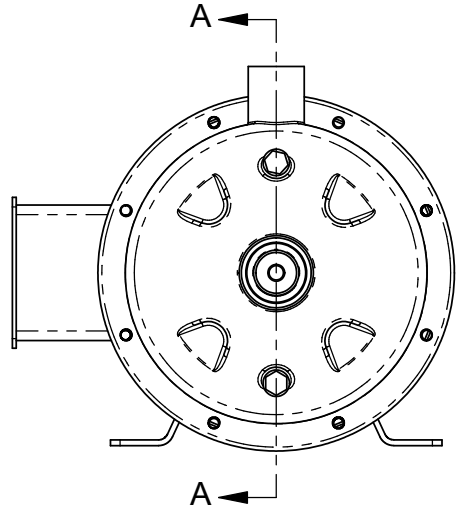
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 MACHINED FACES SURFACE FINISH 63.
 QUESTIONS? CALL 310-630-8089.
 EMAIL: MCOOL@ASPUMPS.COM

RELEASED FOR CONSTRUCTION?	YES	
TOLERANCES UNLESS OTHERWISE INDICATED		
FRACTIONS	DECIMAL	ANGULAR
1/X ± 1/32	.X ± 0.015	X ± 5 °
1/XX ± 1/64	.XX ± 0.01	.X ± 1 °
	.XXX ± 0.005	XX ± .02 °
	.XXXX ± 0.001	

MATERIAL:		CAD GENERATED DRAWING NOT FOR CONSTRUCTION UNLESS INDICATED. DO NOT SCALE DRAWING.	
MANUFACTURING PROCESS:			
PART NO.	SHEET NAME: Cross Sectional Drawing		
DRAWN BY: MWC	FILE NAME: 7SP X-Sect	REV. 1	DATE 3/17/11
CHECKED BY: MFB	RELEASED BY: BOTH	SHEET: A	SCALE: 1:2
SHEET: A		SCALE: 1:2	PATH:

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Item #	Description
100	7" Pump Casing
200	7" Enclosed Impeller
310	Mechanical Seal rotating element for 5/8" diameter shaft.
320	Mechanical Seal Seat 1.25-inch outer diameter
400	7" Sealplate
600	Cast Iron Motor Adapter
900	NEMA 56J Frame motor

SECTION A-A
SCALE 1 : 2

MATERIAL: 304 Stainless Steel Wetted Parts
MANUFACTURING PROCESS: Process

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ASP AMERICAN STAINLESS PUMPS
LOS ANGELES, CALIFORNIA

RELEASED FOR CONSTRUCTION? **YES**

TOLERANCES UNLESS OTHERWISE INDICATED

FRACTIONS	DECIMAL	ANGULAR
1/X ± 1/32	.X ± 0.015	X ± .5 °
1/XX ± 1/64	.XX ± 0.01	.X ± .1 °
	.XXX ± 0.005	.XX ± .02 °
	.XXXX ± 0.001	

PART NO: **7SP** SHEET NAME: **Cross Sectional Drawing**
DRAWN BY: MWC FILE NAME: **7SP Cross Sectional Drawing** REV. **0** DATE **4/10/07**
CHECKED BY: MFB
RELEASED BY: BOTH
SHEET: A SCALE: 3:4 PATH: SHEET 1 OF 1

WHEN NOT NOTED OTHERWISE
ALL DIMENSIONS IN INCHES. CHAMFER MACHINED EDGES 0.03. REMOVE ALL BURRS. FILLET CORNERS 0.06. RADIAL & DIAMETRICAL DIMENSIONS ARE TO BE HELD TO A ±.002 MACHINED FACES SURFACE FINISH 63. QUESTIONS? CALL 310-630-8089. SYMMETRICAL TOLERANCE, AND ARE CONCENTRIC WITH PART CENTERLINES. EMAIL: MCOOL@ASPUMPS.COM

REV.	REVISION DESCRIPTION	DATE
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