

FSP

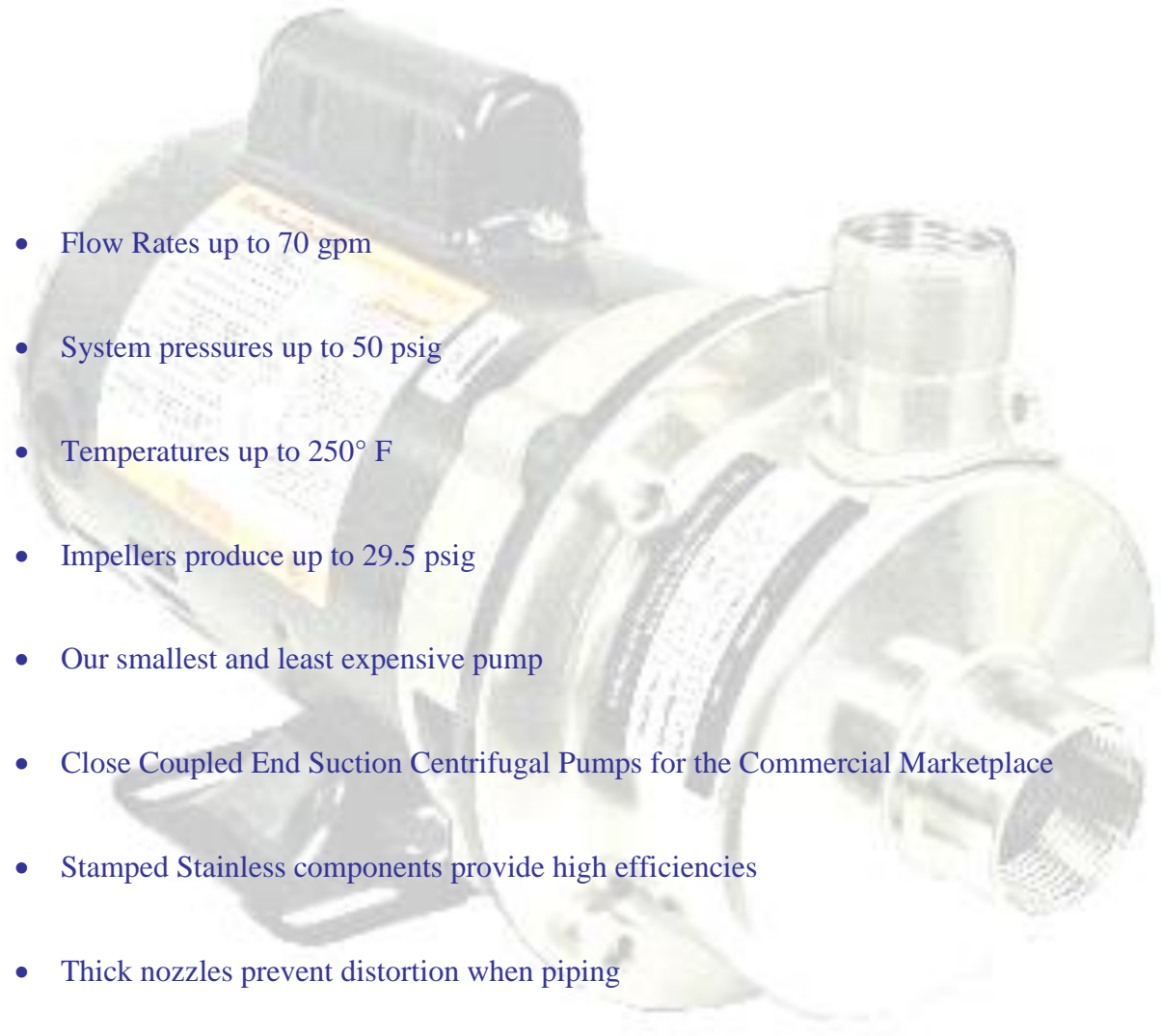
CENTRIFUGAL PUMP



AMERICAN STAINLESS PUMPS
STAINLESS STEEL PUMPS FOR THE COMMERCIAL MARKETPLACE

FSP CENTRIFUGAL PUMP

- Flow Rates up to 70 gpm
- System pressures up to 50 psig
- Temperatures up to 250° F
- Impellers produce up to 29.5 psig
- Our smallest and least expensive pump
- Close Coupled End Suction Centrifugal Pumps for the Commercial Marketplace
- Stamped Stainless components provide high efficiencies
- Thick nozzles prevent distortion when piping





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
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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"
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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
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7th Symbol	Mechanical Seal Type & Materials	Type 16		Type-16 o-ring mount	
Material Index Material Format: Rotating Face / Stationary Face / Elastomer Car = Carbon Cer = Ceramic SiC = Silicon Carbide		B = Car/Cer/Buna	Stock	(Std.)	
		E = Car/Cer/EPR	Stock		
		V = Car/Cer/Viton	Stock		L = Car/SiC/Buna
		4 = Car/SiC/Viton	Stock		M = Car/SiC/EPR
		5 = Car/SiC/EPR	Stock		N = Car/SiC/Viton
		6 = SiC/SiC/Buna	Stock		P = SiC/SiC/Buna
		7 = SiC/SiC/EPR	Stock		R = SiC/SiC/EPR
		8 = SiC/SiC/Viton	Stock		T = SiC/SiC/Viton
		X = Special			

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

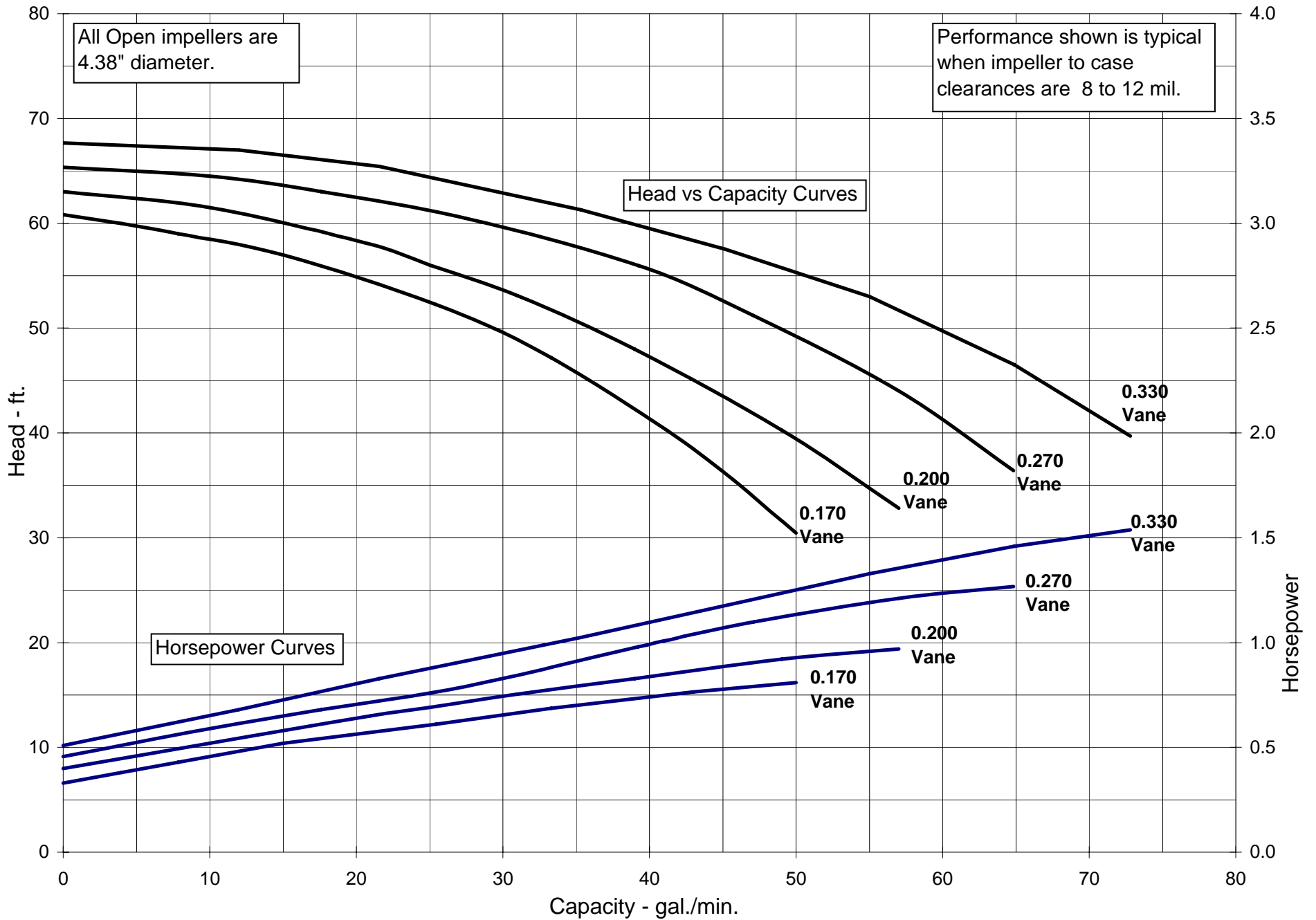
8th Symbol	Motor HP	A = 1/3 HP	1 = 1 HP	3 = 3 HP
		B = 1/2 HP	E = 1.5 HP	5 = 5 HP
		C = 3/4 HP	2 = 2 HP	7 = 7.5HP (non-stock)

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
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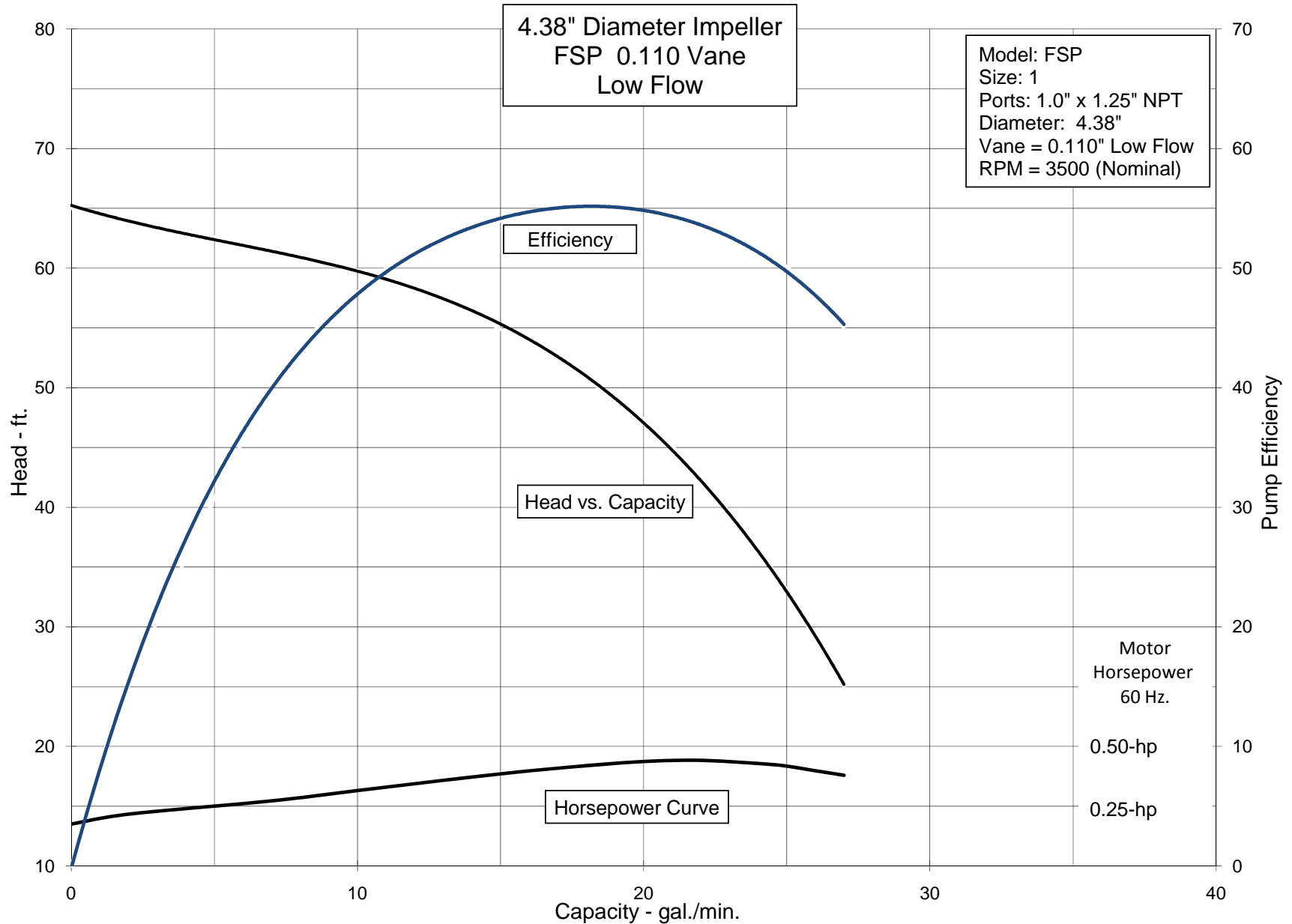
FSP Performance at 3500 RPM

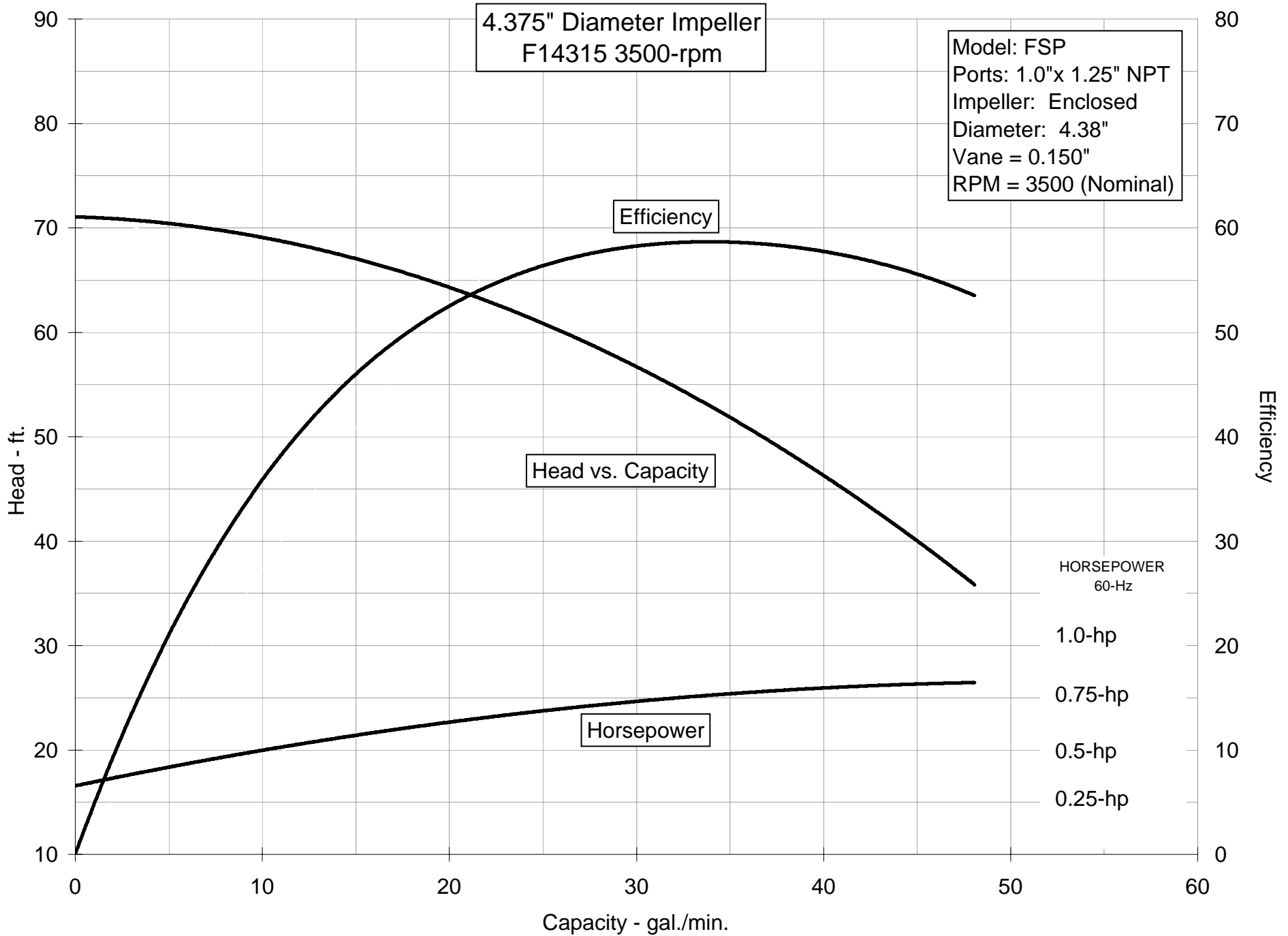


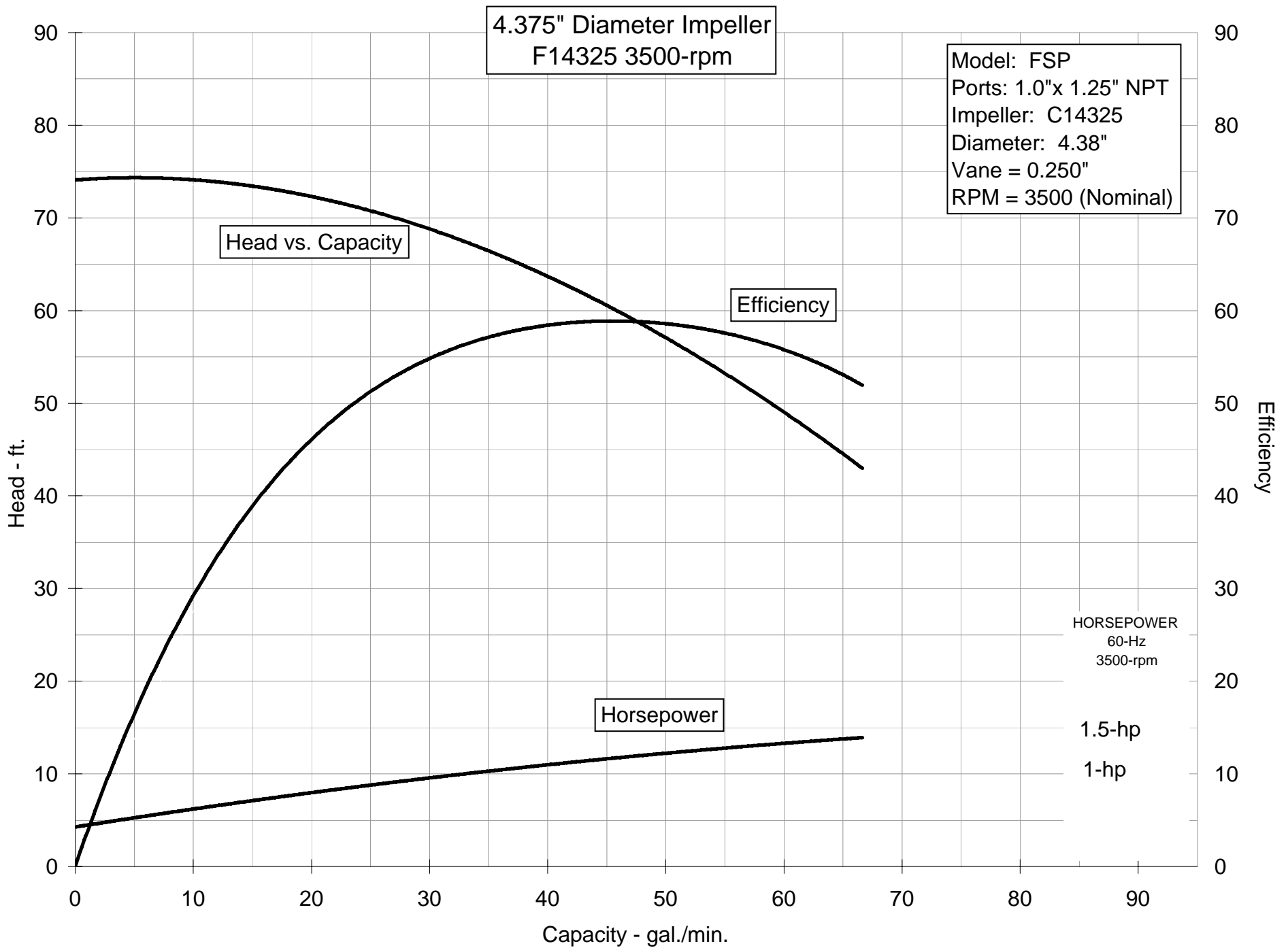


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Model FSP Exploded View

