

# *FSP*

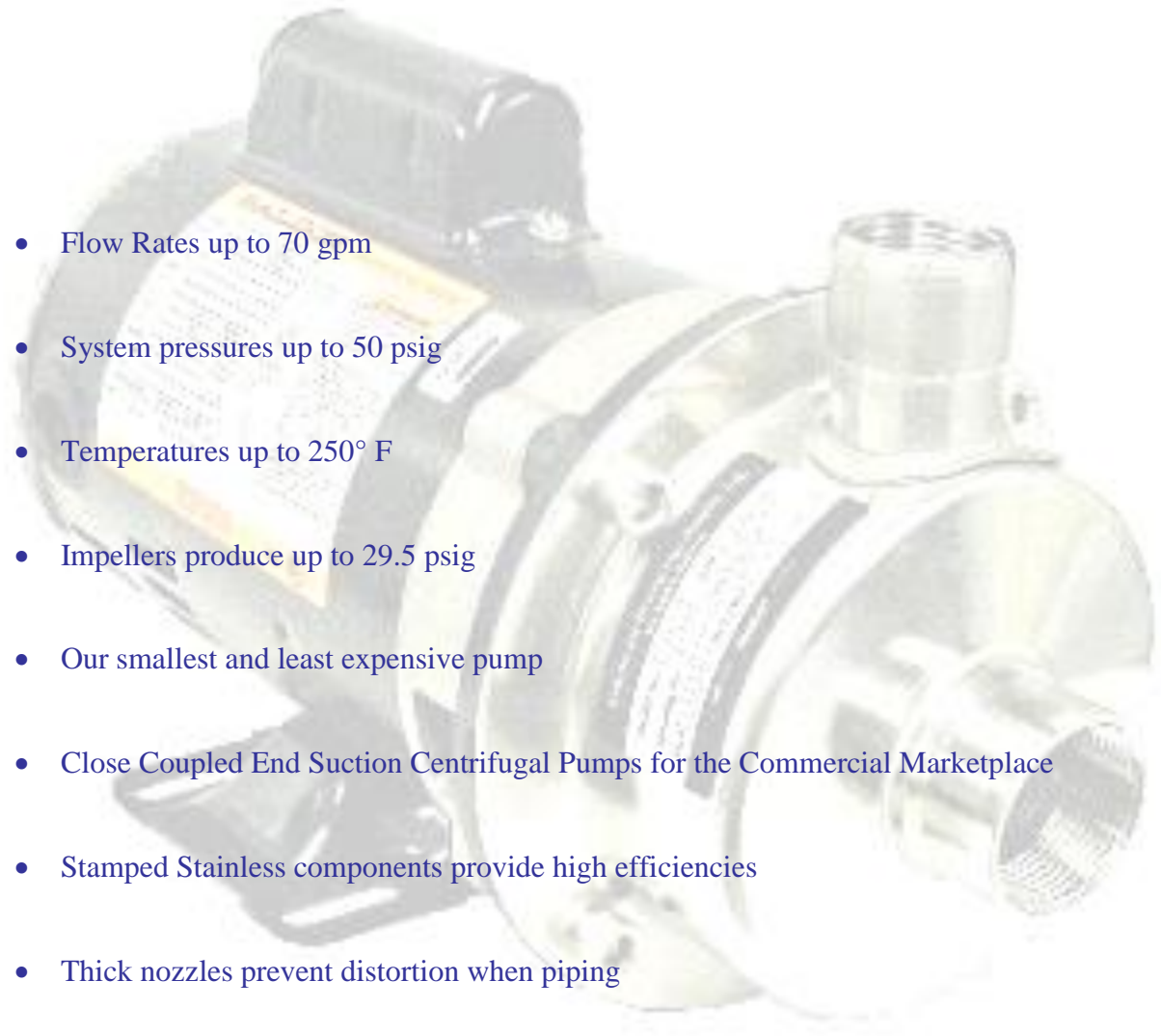
## *CENTRIFUGAL PUMP*



**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

## Catalog Number Nomenclature: FSP

Rev. Date  
8/27/2013

F 1 43 15 B 1 T 1 X Sample code for a model FSP, size 1x1.25 with a 4.38" diameter impeller, 0.150 Vane height (at 4.38" diameter), Carbon/Ceramic/Buna Type 16 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

**2nd Symbol** Size Code 0 = 1.0" x 1.25" NPT (open impeller)  
 Discharge x Suction 1 = 1.0" x 1.25" NPT (enclosed impeller)  
 Discharge x Suction 3 = FSPS enclosed impeller (sanitary fittings)  
 Discharge x Suction 4 = FSPS open impeller (sanitary fittings)

**3rd & 4th Symbol** Impeller Diameter Digits indicate impeller diameter in inches, and eighths of an inch.  
 Examples: 43 = 4 and 3/8 = 4.38", 45 = 4 and 5/8 = 4.63"

**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: 15 indicates an average vane height of approximately 0.150 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

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

Material Index  
 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.

**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	

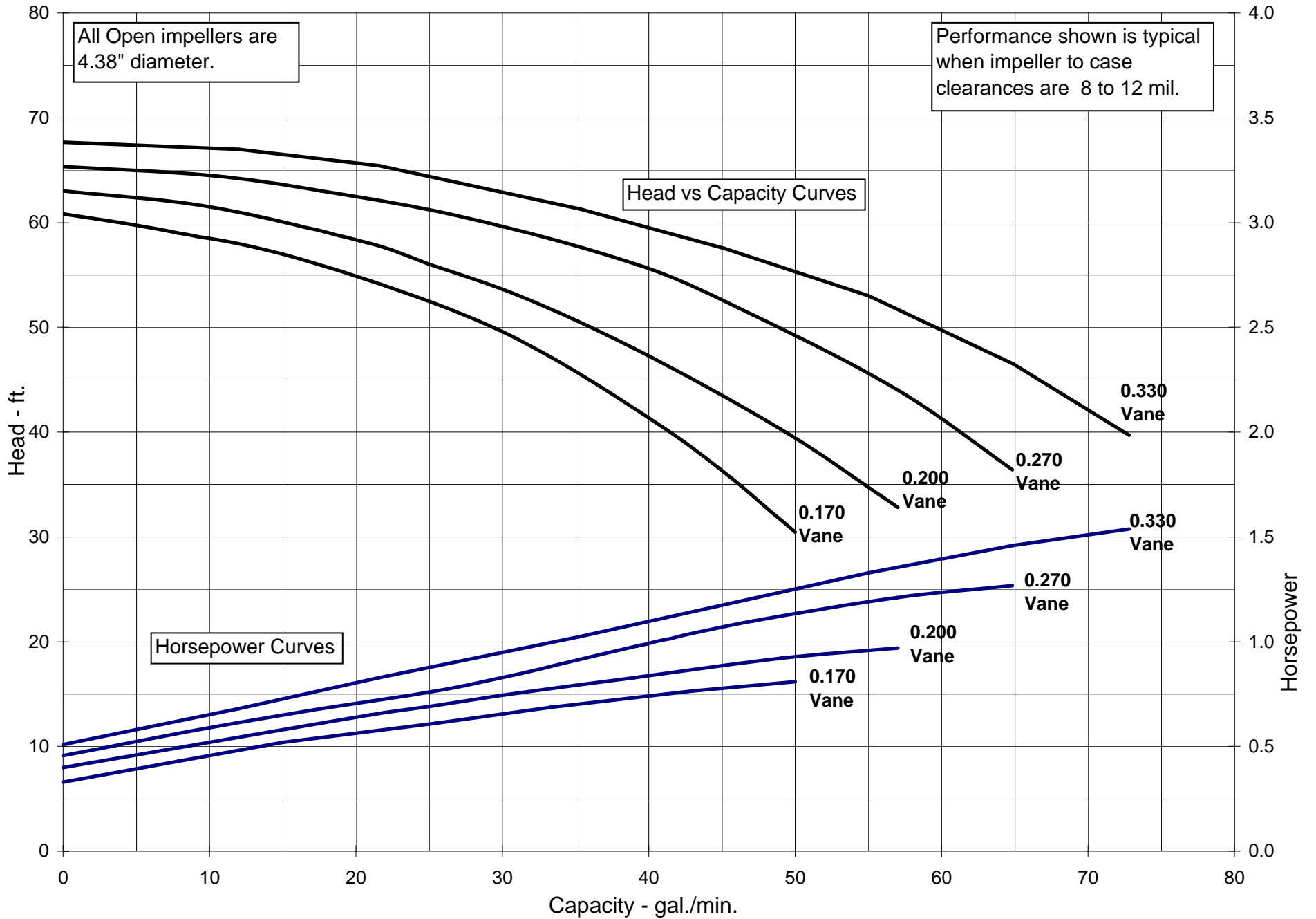
**10th Symbol** Motor Power Details

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

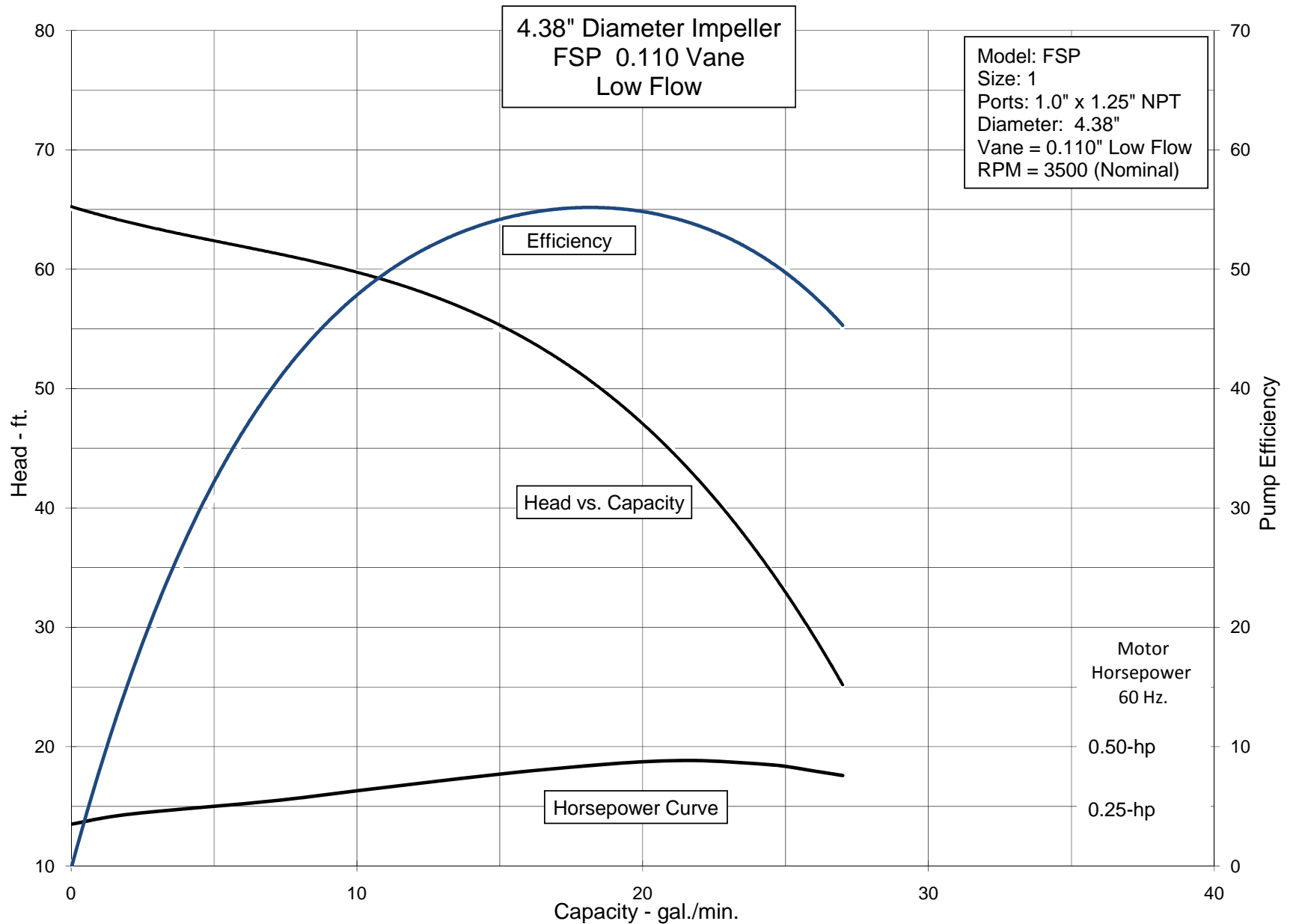
# FSP Performance at 3500 RPM

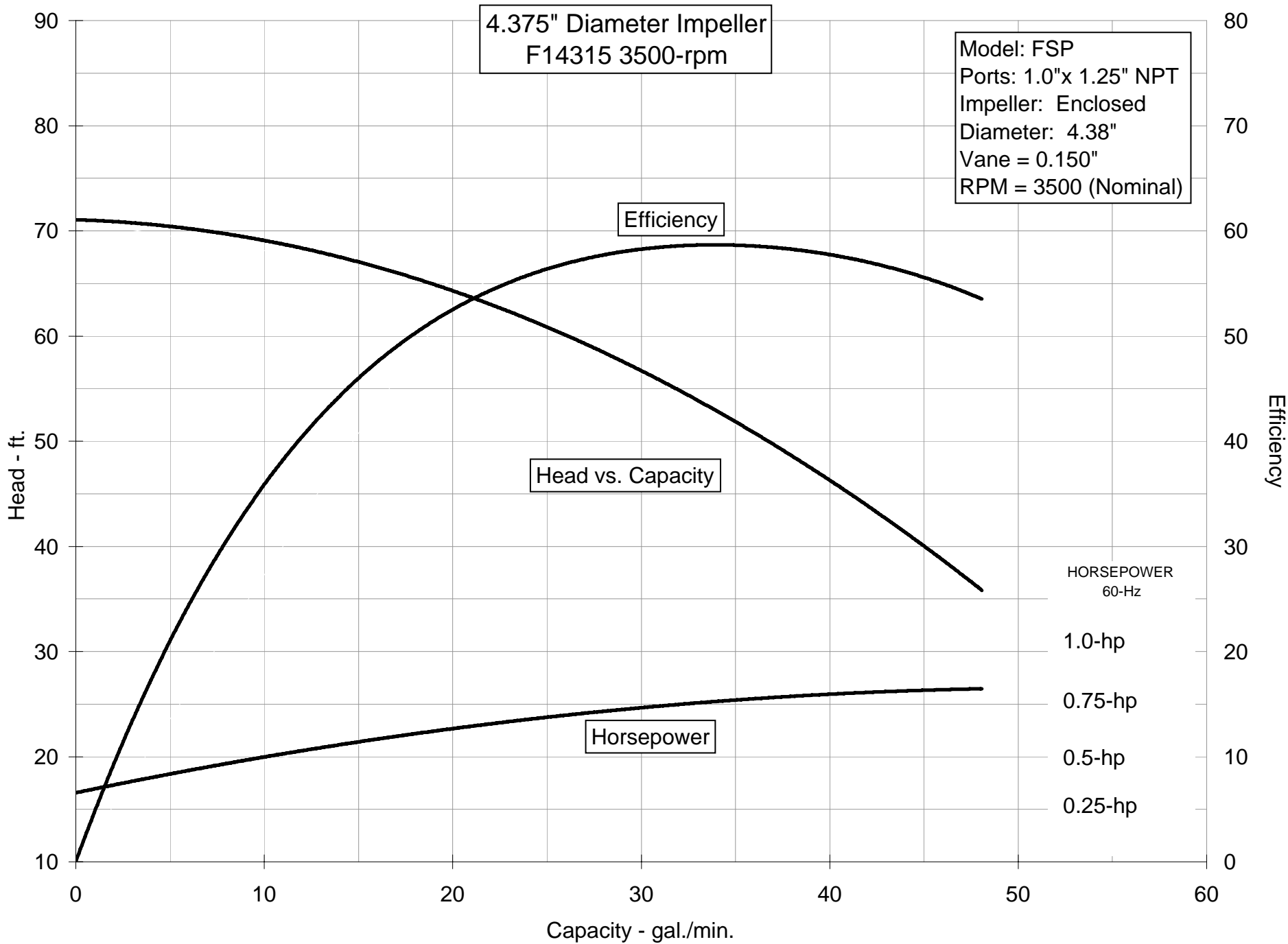


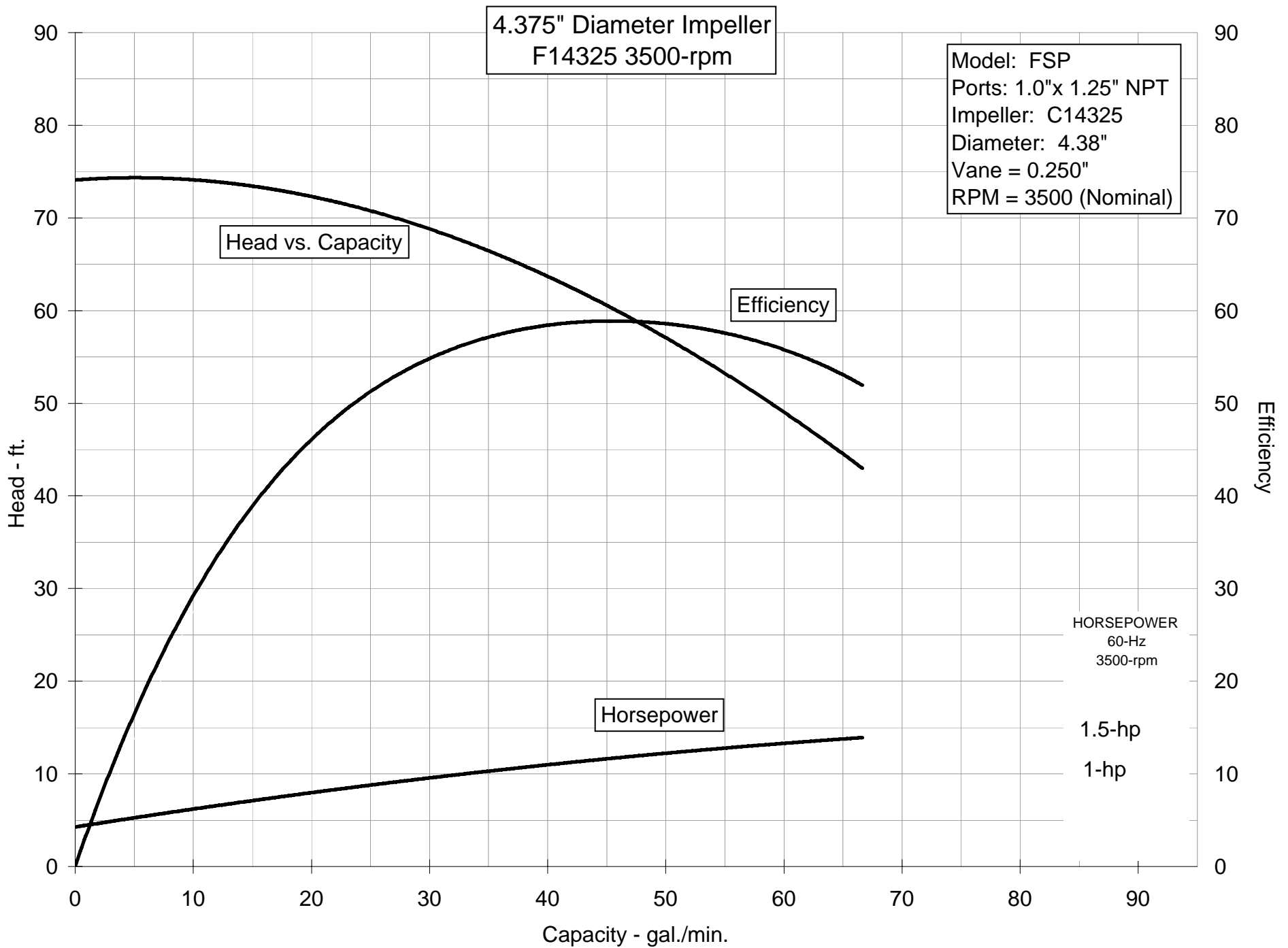


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## Model FSP Exploded View

