

STAINLESS STEEL END SUCTION

JE1, JE1-4 SERIES



Stainless Steel Construction

Closed impeller

Flow: 8 to 95 GPM

Head: to 144 ft.

Range of HP: to 3 HP

Applications:

Residential booster system

Irrigation

Utility



NSF 61/ Annex G Certified*

Certified California AB 1953 Compliant

Certified Vermont Act 193 Compliant

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JE1 (3450 RPM)

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MODEL No. PERFORMANCE CURVE

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JE1-70B-1 $\frac{1}{2}$ HP	M1-03
JE1-70C-2HP	M1-03
JE1-120A-1HP	M1-03
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JE1-4* (1725 RPM)

SPECIFICATIONS	M1-08
SELECTION CHART	M1-08
DIMENSIONS	M1-10

MODEL No. PERFORMANCE CURVE

JE1-4-120- $\frac{1}{2}$ HP	M1-09
JE1-4-200- $\frac{1}{2}$ HP	M1-09

*NSF 61/Annex G Certification and Compliance with State Codes does not apply to JE1-4 Models



JDL PUMP SYSTEMS

www.jdlpumpsystems.us

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STAINLESS STEEL CENTRIFUGAL PUMPS

M1-00

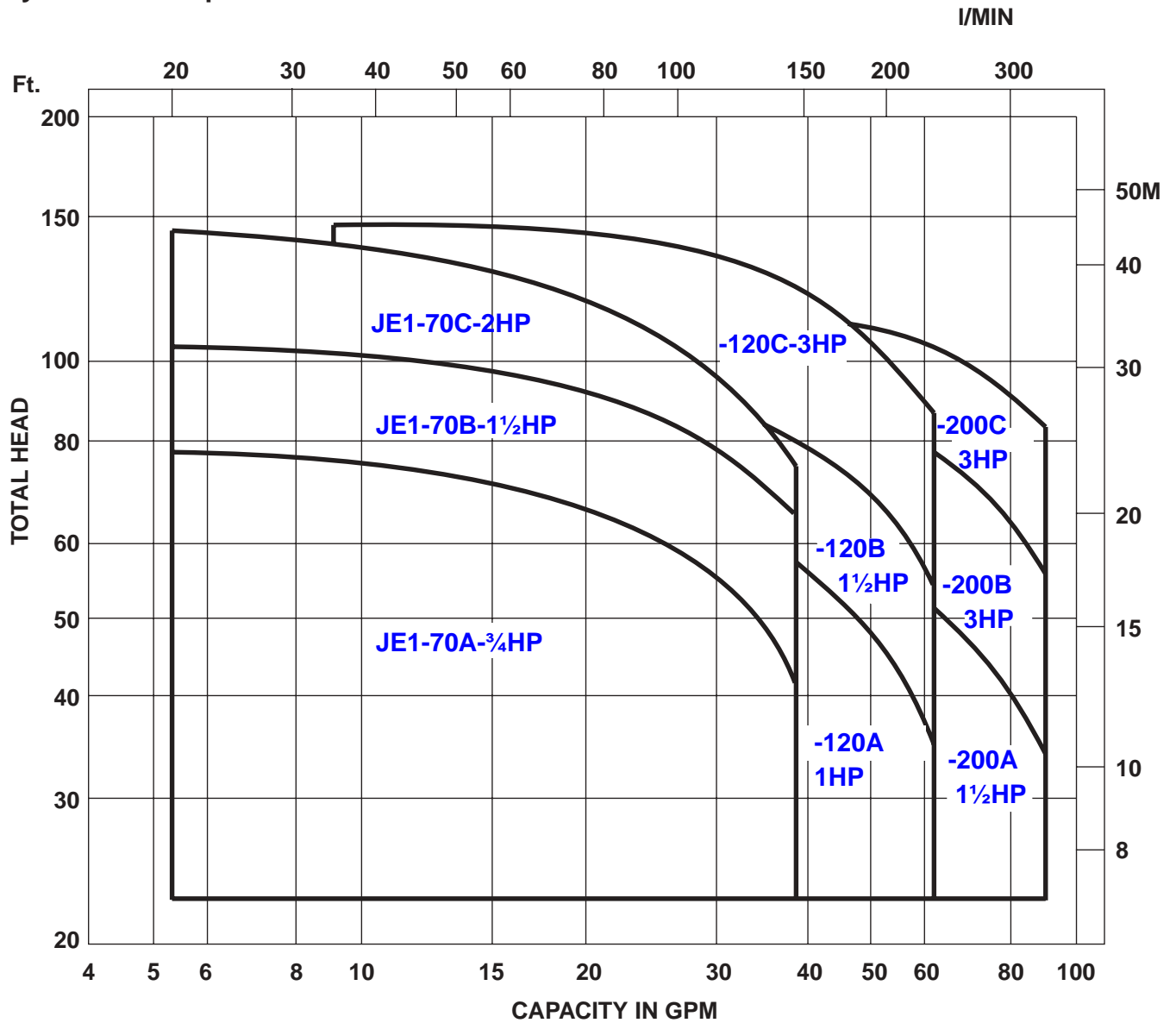
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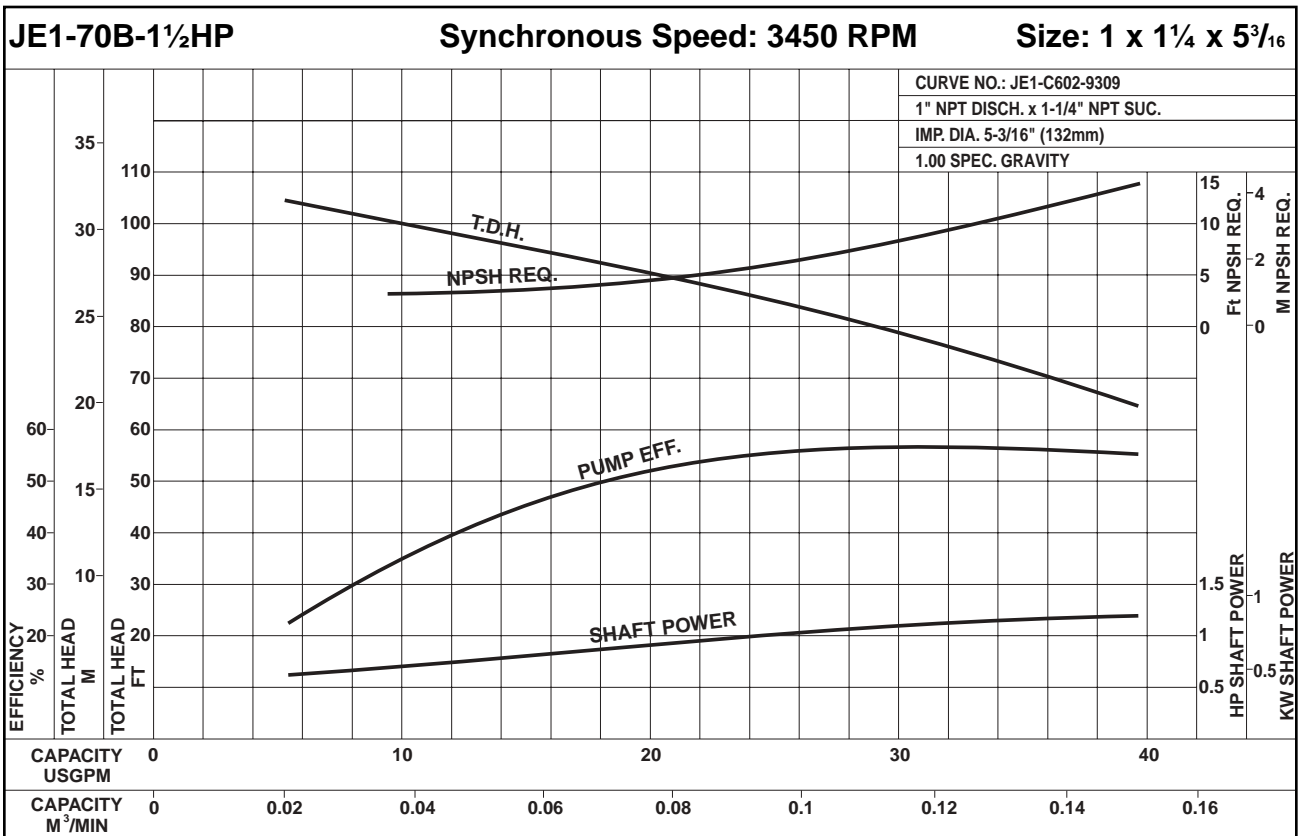
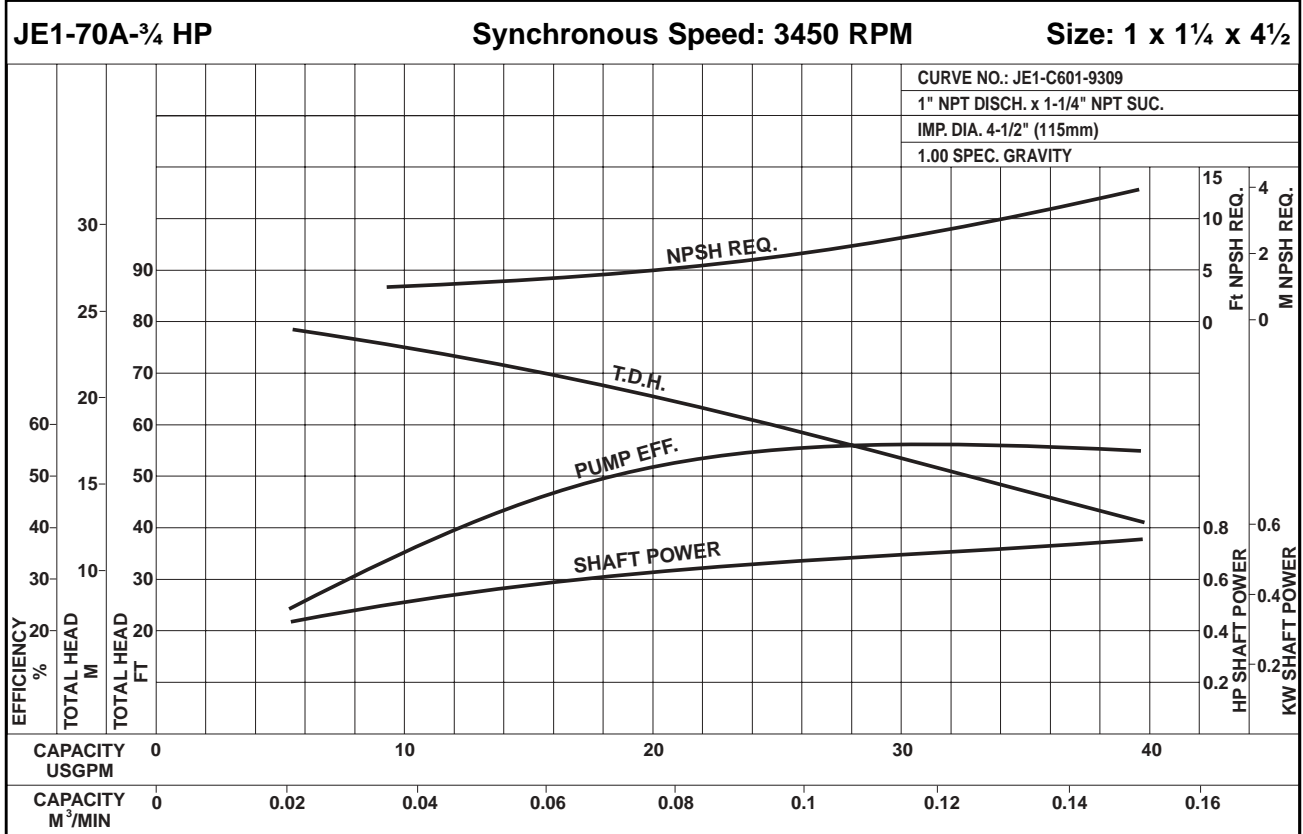
Model JE1

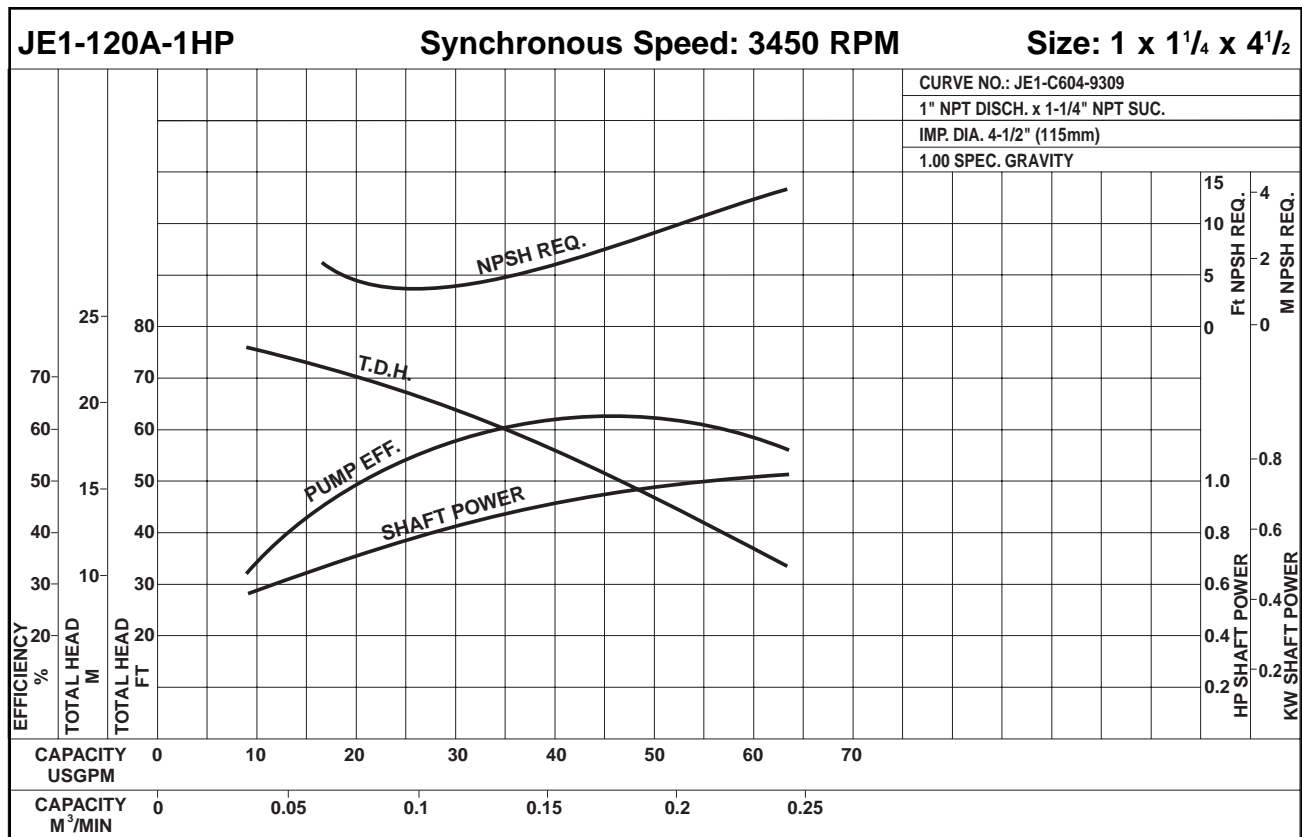
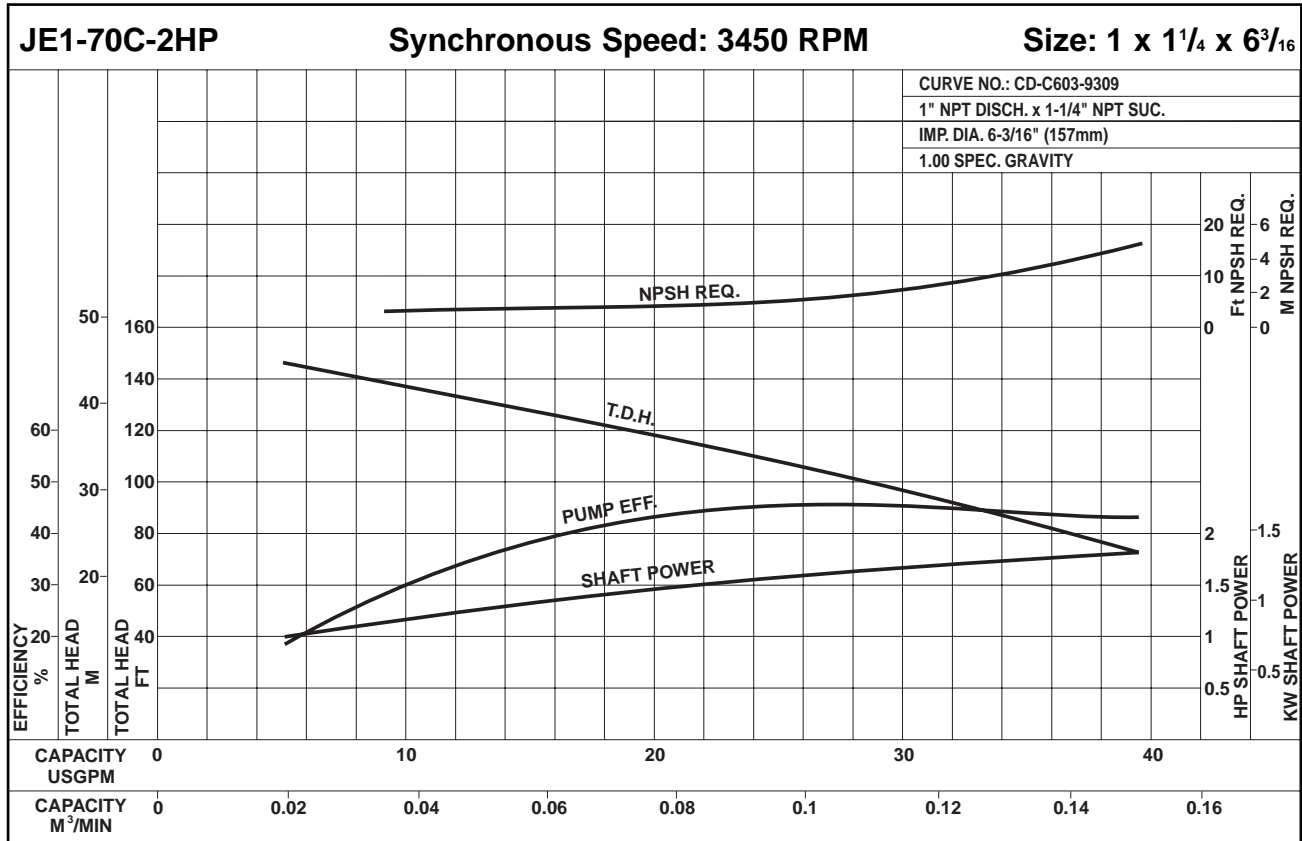
		STANDARD	OPTIONAL
Size			
Suction		JE1-70 - 1¼" NPT thread JE1-120 - 1¼" NPT thread JE1-200 - 1½" NPT thread	
Discharge		1" NPT thread	
Range of HP		¾ HP to 3 HP	
Range of Performance			
Capacity		5.5 to 95 GPM at 3450 RPM	
Head		26 to 144 feet at 3450 RPM	
Liquid Handled			
Type of liquid		Water	
Temperature		212°F (100°C)	Max 250°F (121°C) with optional high temperature seal
Max. working pressure		125 PSI (9 Bar)	
Materials			
Casing		304L Stainless Steel	
Impeller (closed type)		304L Stainless Steel	
Shaft		Stainless Steel	
Bracket		Aluminum	
Shaft Seal		Mechanical Seal - Type 21	High temperature version Mild chemical version
Bearing		Ball Bearing	
Direction of Rotation		Clockwise when viewed from motor end	
Motor			
Type		NEMA 56J Frame	
Speed		60 Hz, 3450 RPM (2 Poles)	
Single Phase		TEFC - ¾ HP to 3 HP ODP - ¾ HP to 3 HP, 115/230V	Explosion proof - consult factory
Three Phase		TEFC - ¾ HP to 3 HP ODP - ¾ HP to 3 HP, 208-230/460V	Washdown duty - consult factory
Motor Protection		Built-in overload protection (single phase)	

Model JE1

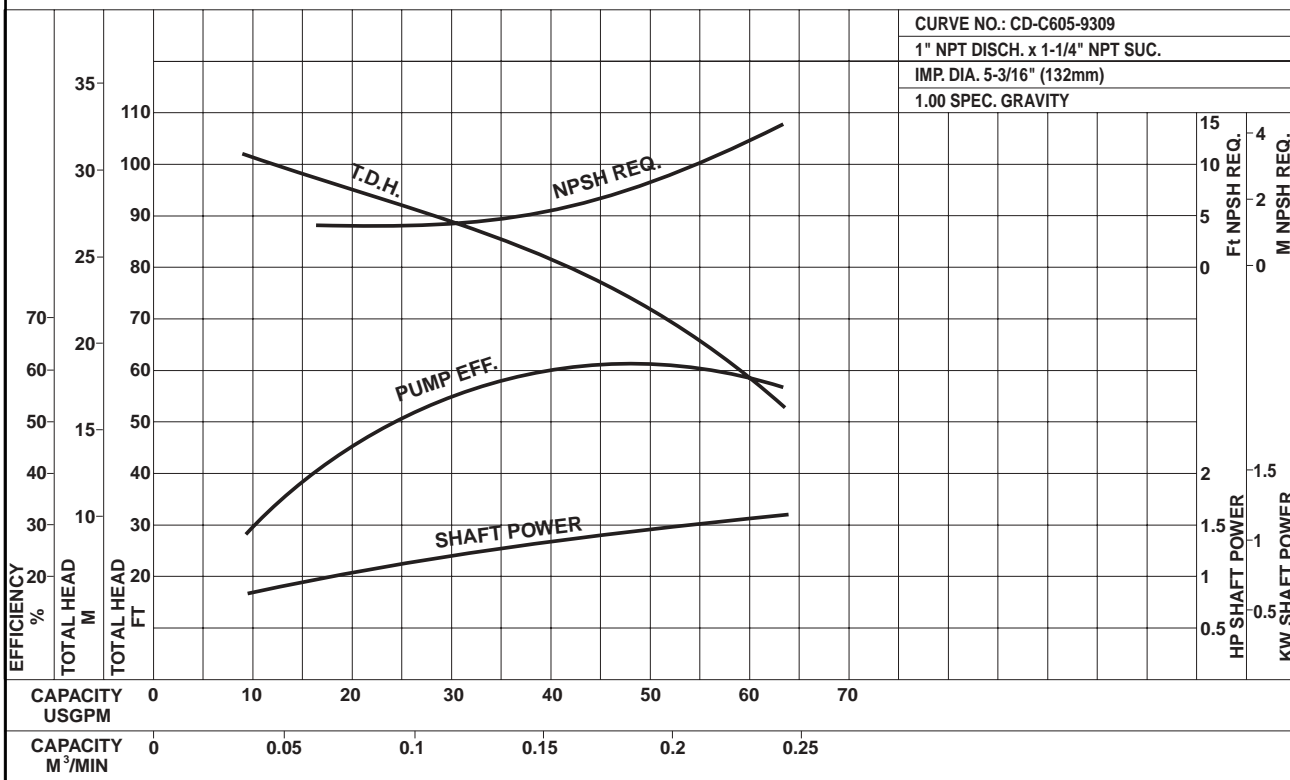
Synchronous Speed 3450 RPM



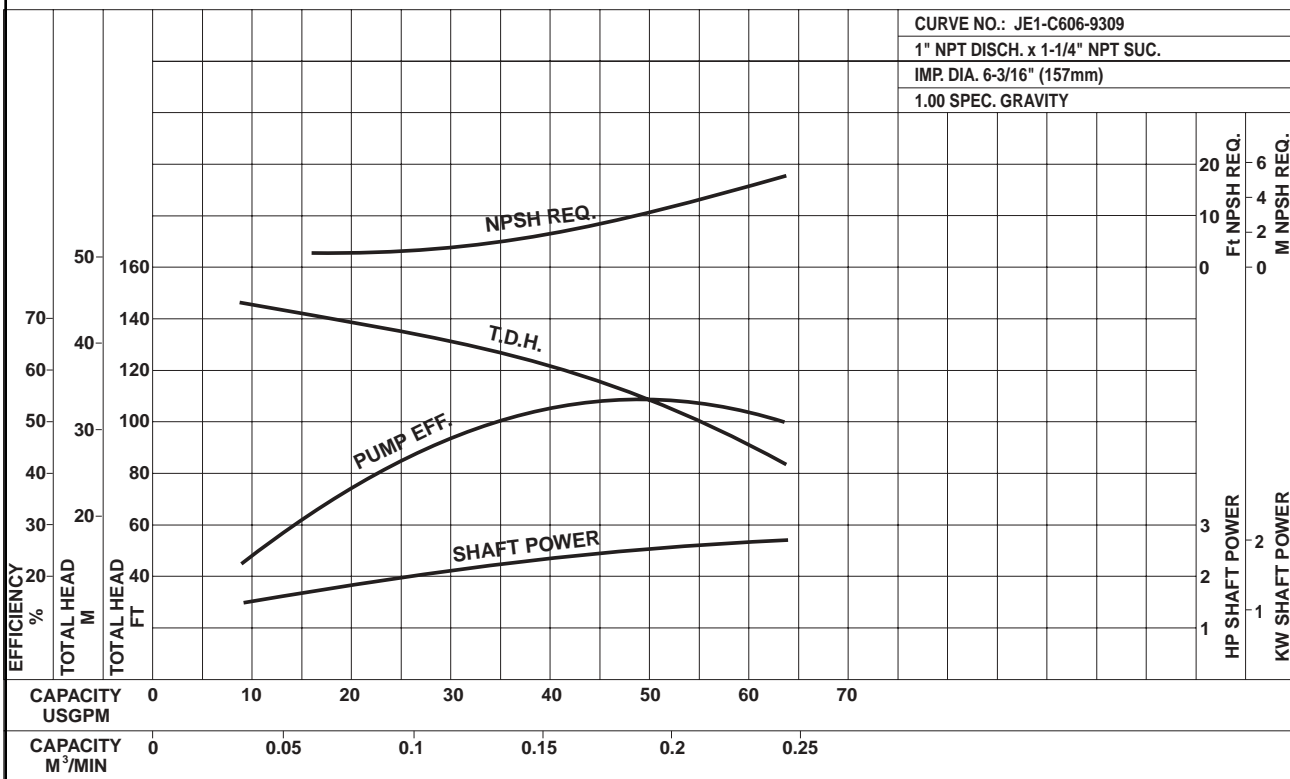


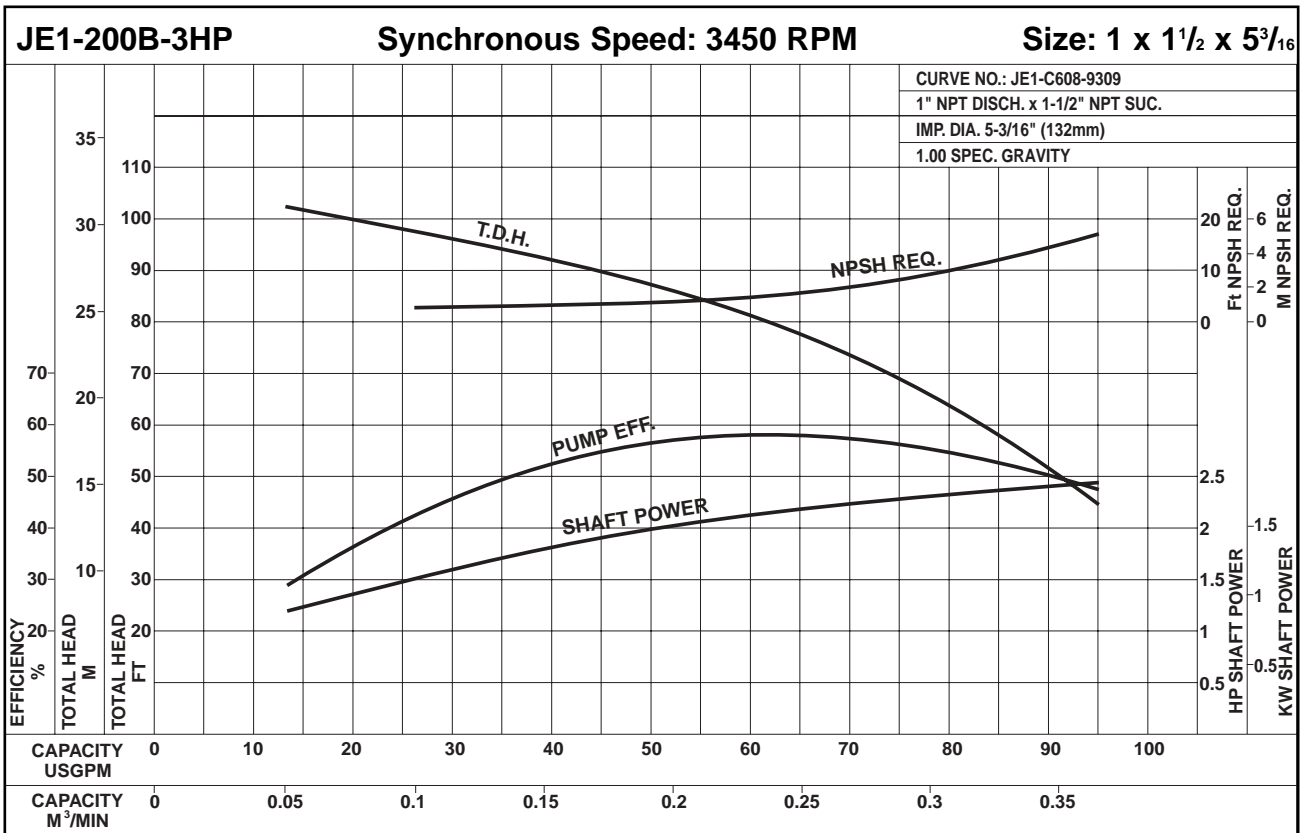
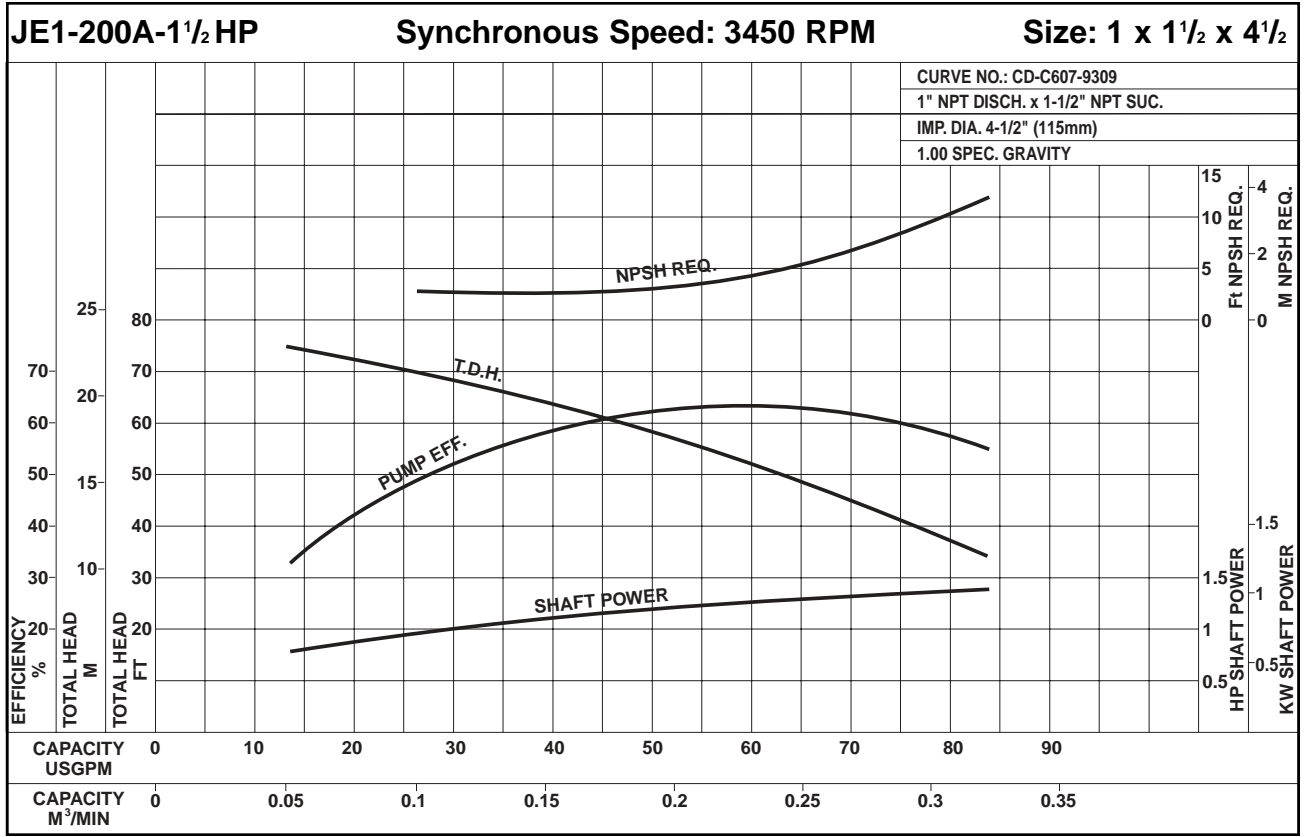


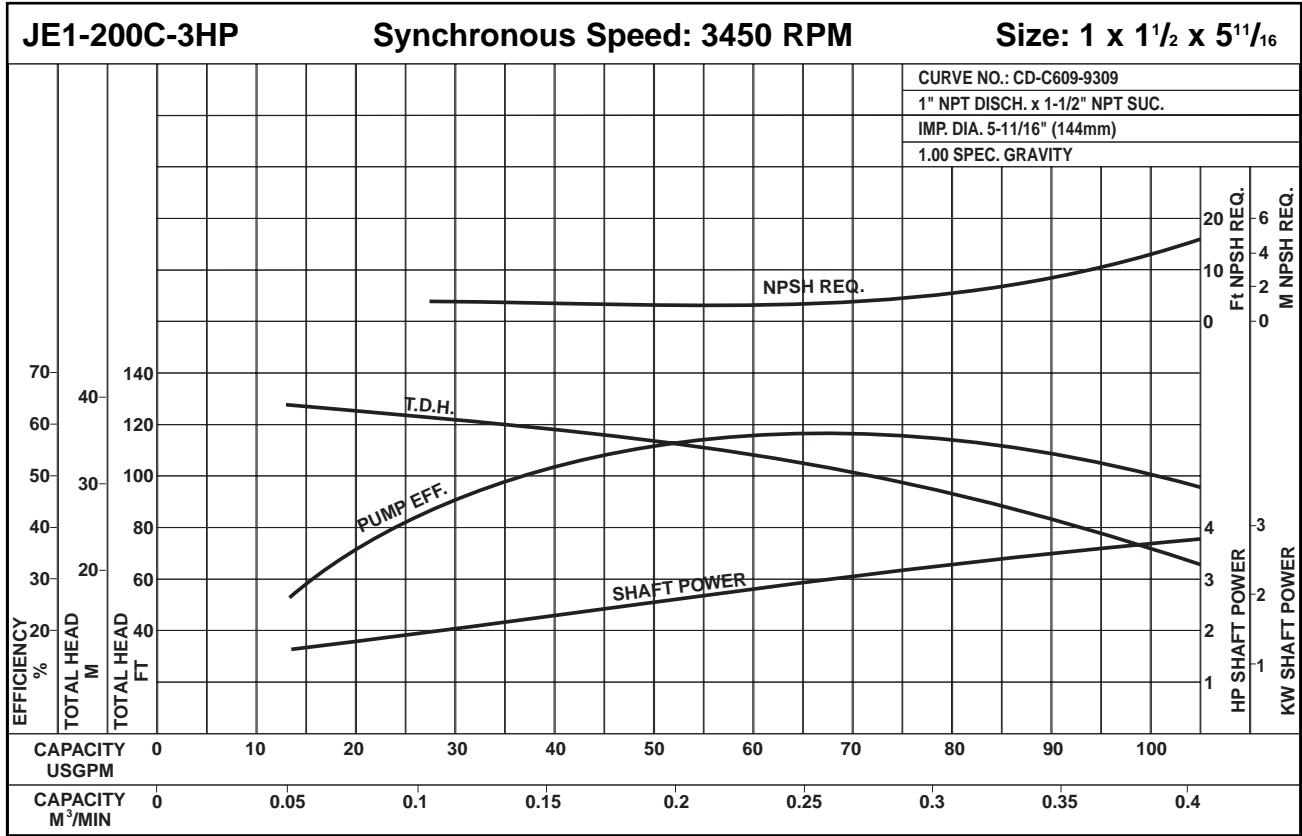
JE1-120B-1 1/2 HP Synchronous Speed: 3450 RPM Size: 1 x 1 1/4 x 5 3/16



JE1-120C-3HP Synchronous Speed: 3450 RPM Size: 1 x 1 1/4 x 6 3/16

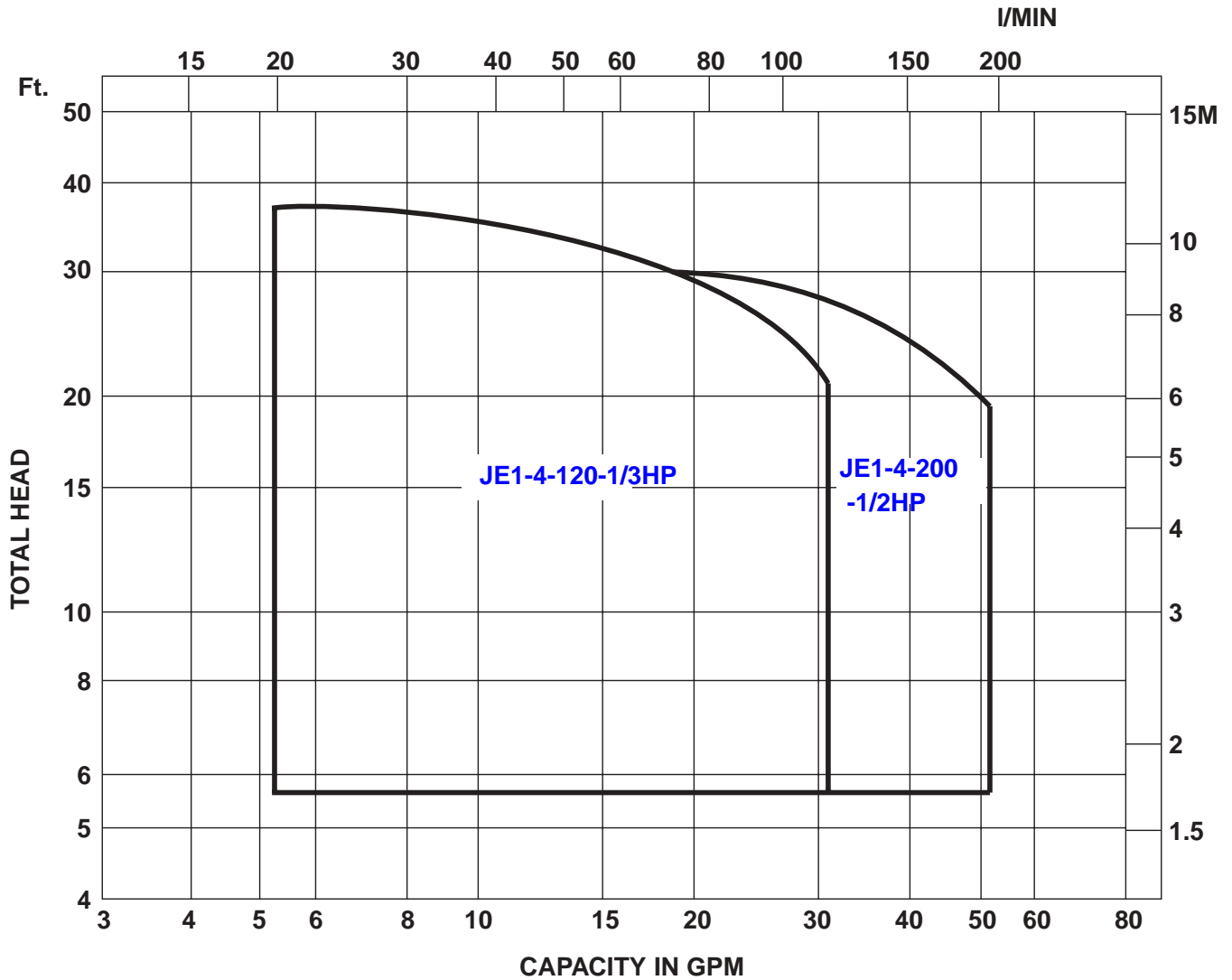


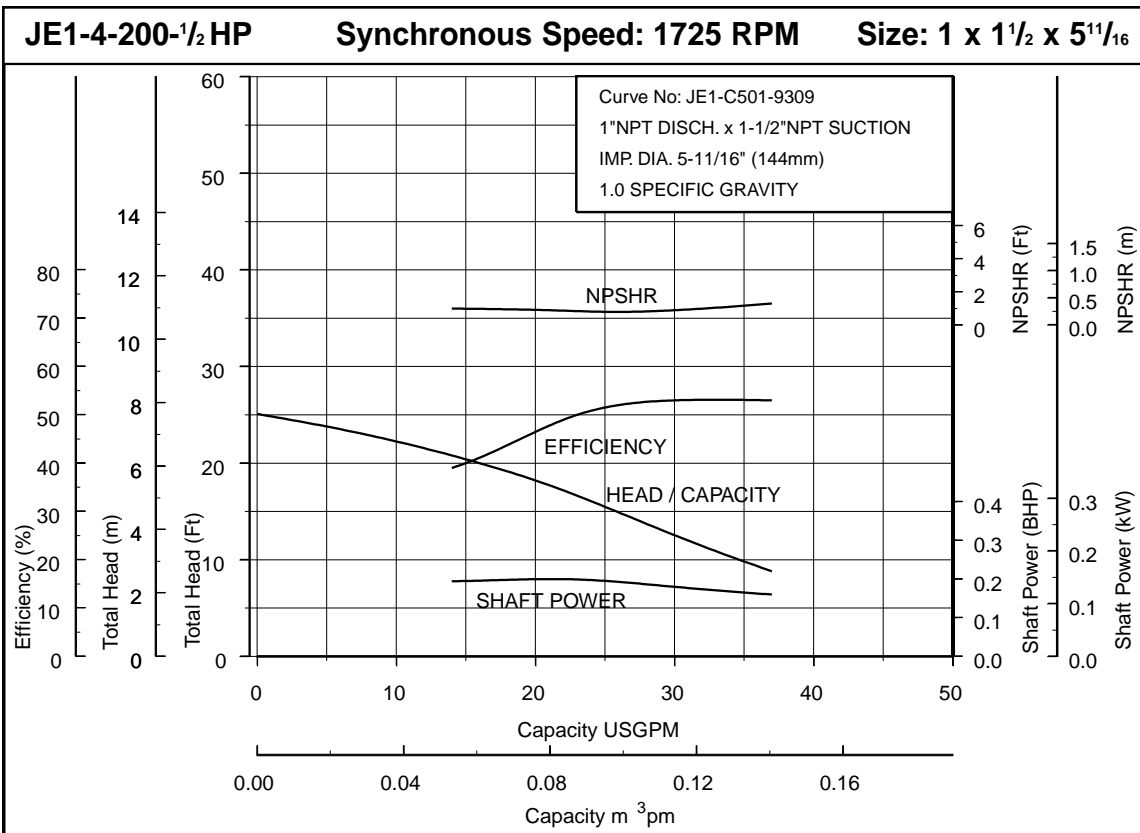
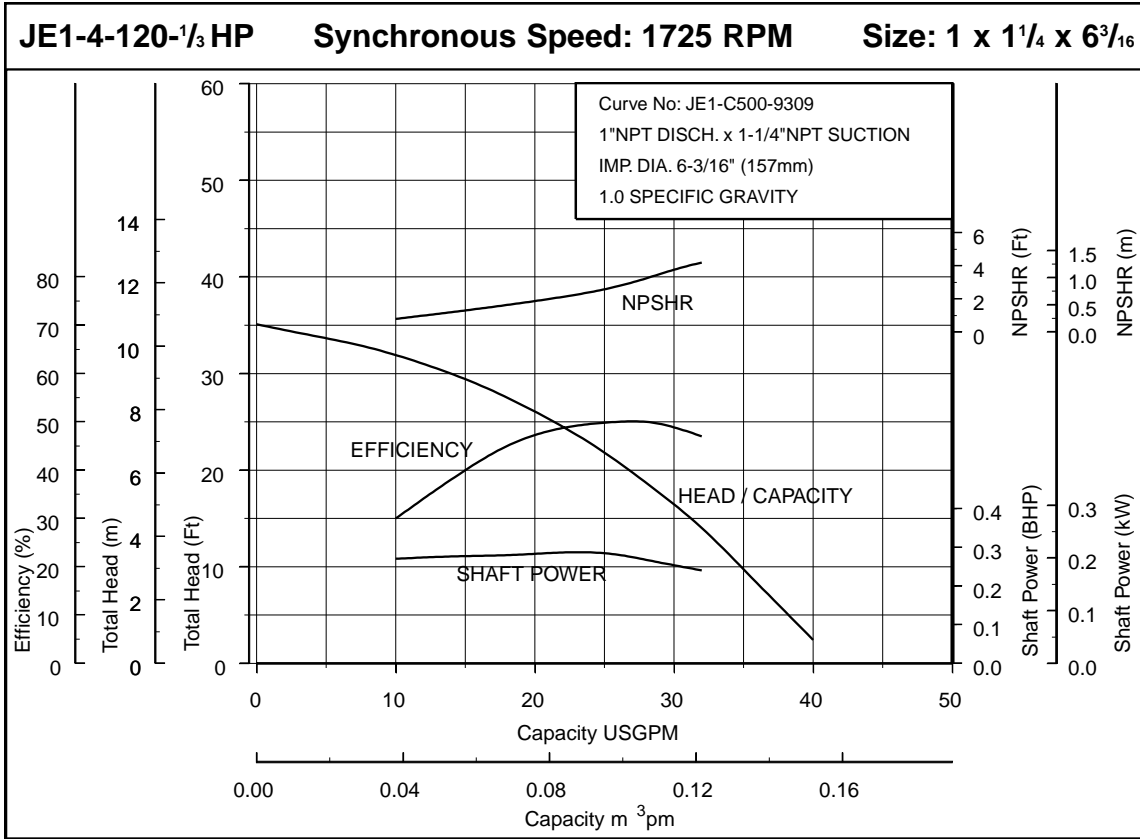


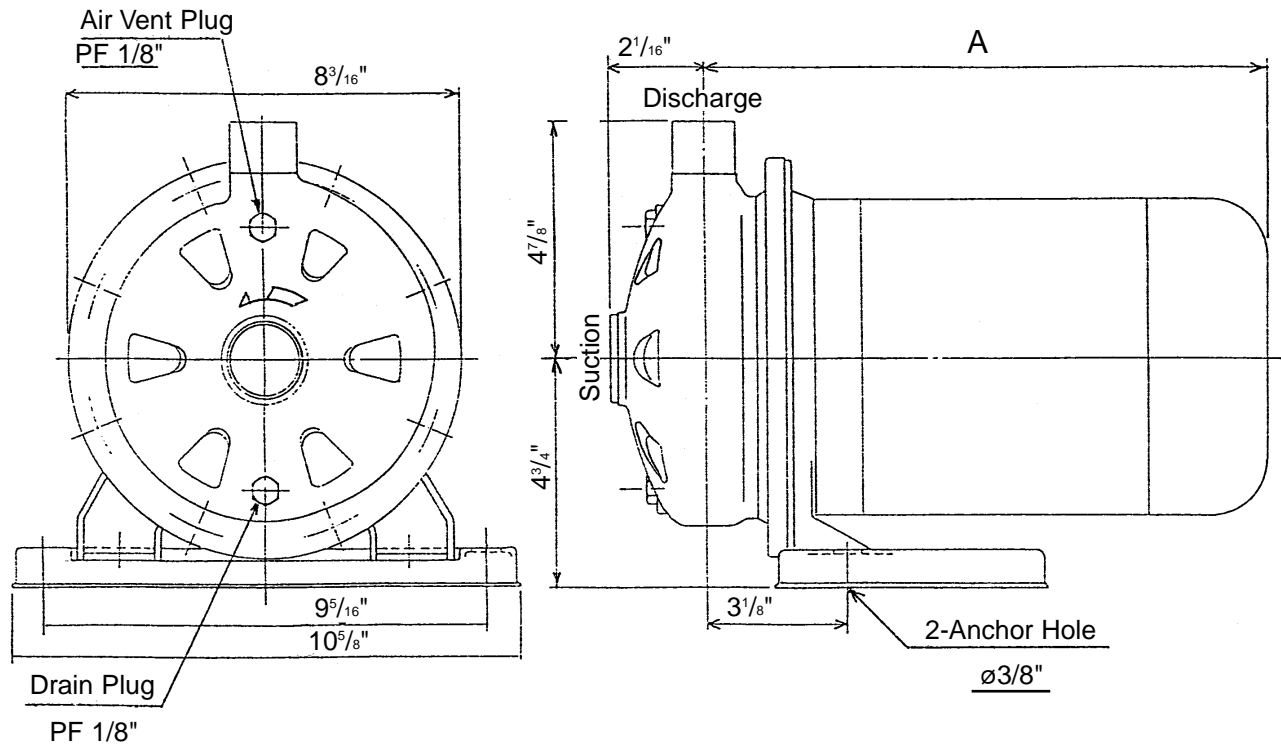


Model JE1-4

Synchronous Speed 1725 RPM







Model	Model	Pump Size - NPT (inch)		Dimension (inch) A	Unit Weight (lbs.)			
		Suction	Discharge		Single Phase		Three Phase	
					ODP	TEFC	ODP	TEFC
JE1-70A-3/4HP	1 x 1 ¹ / ₄ x 4 ¹ / ₂	1 ¹ / ₄	1	13 ⁷ / ₈ Max.	36	41	31	31
JE1-70B-1 ¹ / ₂ HP	1 x 1 ¹ / ₄ x 5 ³ / ₁₆	1 ¹ / ₄	1	13 ⁹ / ₁₆ Max.	47	50	39	39
JE1-70C-2HP	1 x 1 ¹ / ₄ x 6 ³ / ₁₆	1 ¹ / ₄	1	14 ⁷ / ₁₆ Max.	51	58	44	48
JE1-120A-1HP	1 x 1 ¹ / ₄ x 4 ¹ / ₂	1 ¹ / ₄	1	13 ⁹ / ₁₆ Max.	41	46	33	32
JE1-120B-1 ¹ / ₂ HP	1 x 1 ¹ / ₄ x 5 ³ / ₁₆	1 ¹ / ₄	1	13 ⁹ / ₁₆ Max.	47	50	39	39
JE1-120C-3HP	1 x 1 ¹ / ₄ x 6 ³ / ₁₆	1 ¹ / ₄	1	14 ⁷ / ₁₆ Max.	59	66	51	60
JE1-200A-1 ¹ / ₂ HP	1 x 1 ¹ / ₂ x 4 ¹ / ₂	1 ¹ / ₂	1	13 ⁹ / ₁₆ Max.	47	50	39	39
JE1-200B-3HP	1 x 1 ¹ / ₂ x 5 ³ / ₁₆	1 ¹ / ₂	1	14 ⁷ / ₁₆ Max.	58	65	50	59
JE1-200C-3HP	1 x 1 ¹ / ₂ x 5 ¹¹ / ₁₆	1 ¹ / ₂	1	14 ⁷ / ₁₆ Max.	58	65	50	59