

END-SUCTION CENTRIFUGAL PUMPS

Series: IA

2 - 125 HP / 1750 & 3500 RPM

Suction: 1½" - 8" NPT or flange

Discharge: 1" - 6" NPT or flange



Representative images

APPLICATIONS

- ▶ Booster systems
- ▶ Water transfer
- ▶ Chilled water system
- ▶ High flow-rate / medium pressure

VOLUTE

Cast iron ASTM A-48 class 30

LIQUID TEMPERATURE

160°F (71°C) max.

INTERMEDIATE COUPLING

Cast iron ASTM A-48 class 30

IMPELLER

- ▶ Cast iron ASTM A-48 class 30
- ▶ Dynamically balanced

SEAL

Design: mechanical, type 01.

Material: Ceramic stationary part, carbon ring seal and exclusion in the rotating part. Buna-N elastomer and stainless steel spring.

SHAFT SLEEVE

Stainless steel

O-RINGS

Buna-N

MOTOR

High quality premium efficiency TEFC electric motors, designed & developed in accordance with industry standards for industrial and commercial pumping applications.

- ▶ 1 & 3 phases, 60 Hz
- ▶ Rated output: 2 to 125 HP
- ▶ 1750 & 3500 RPM
- ▶ Frame sizes: 182 JM to 405 JM

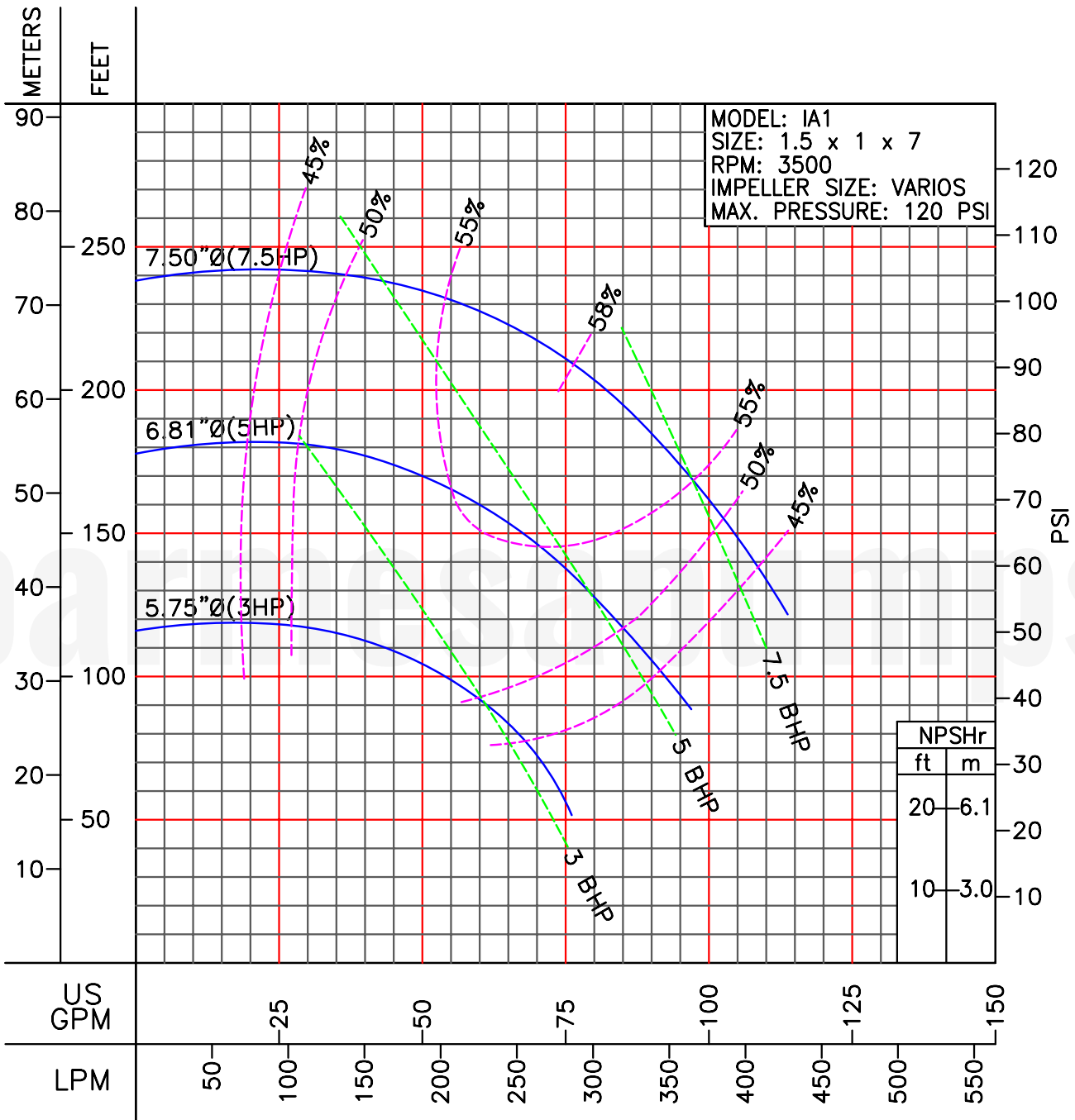
HARDWARE

Carbon steel

PAINT

Air dry enamel, water based.

*For dimensions and weights, please refer to our pump user manual.



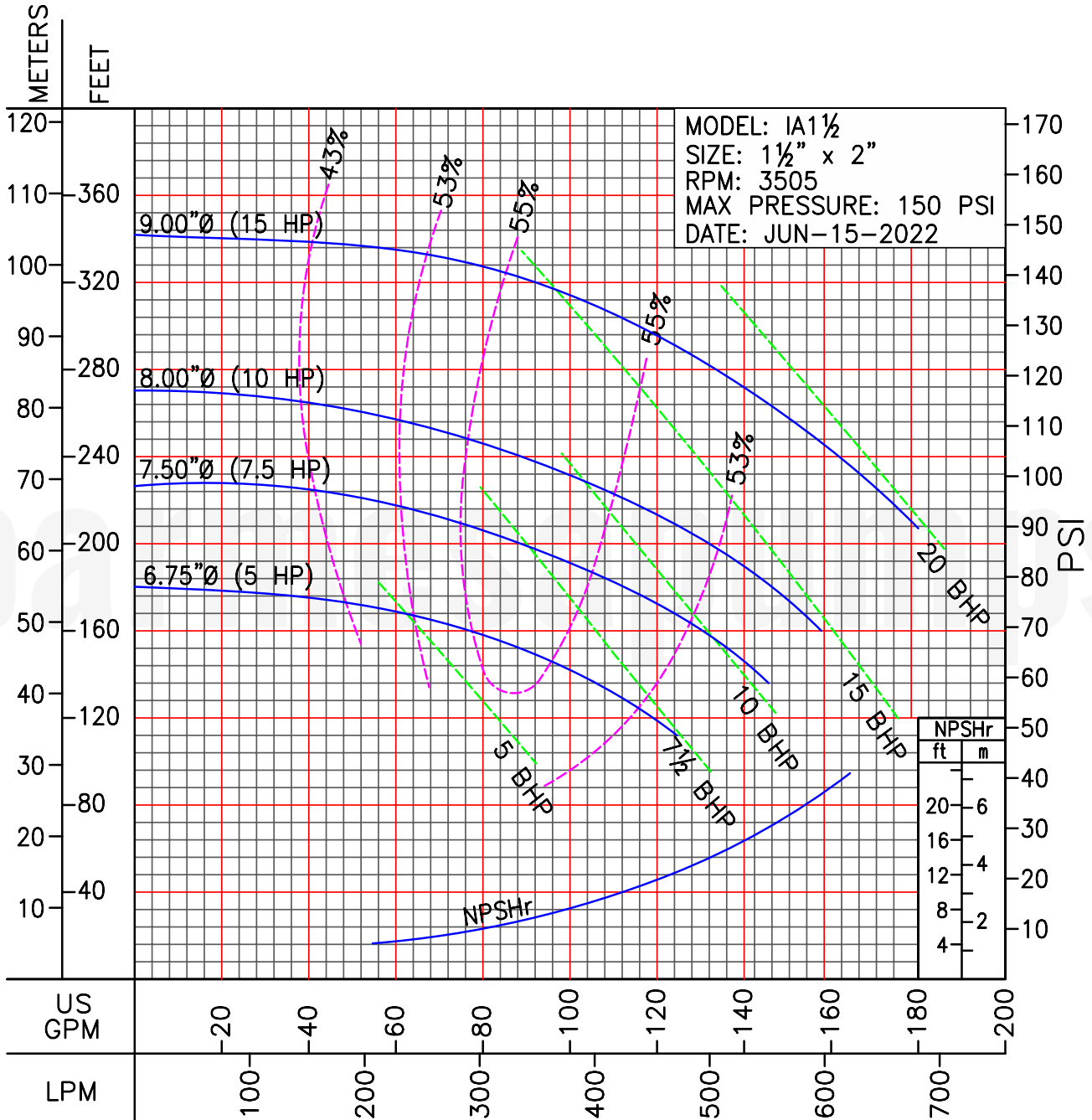
LIQUID: WATER
SPECIFIC GRAVITY : 1.00

TEMPERATURE: 70 °F (21 °C)
MAXIMUM DIAM. SOLIDS: 0.21"

MODEL: IA1½

RPM: 3505

PERFORMANCE CURVES

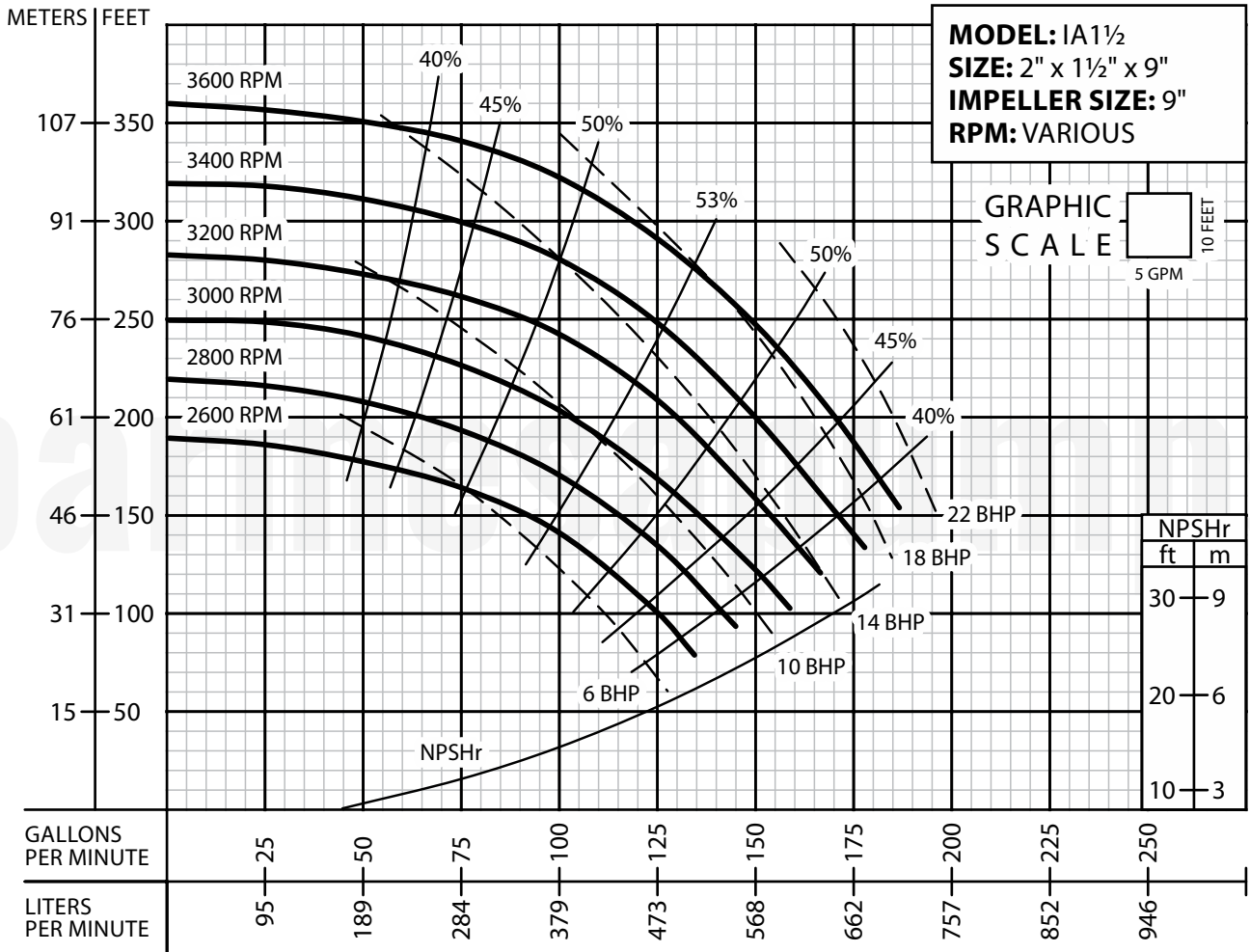


IMPORTANT!

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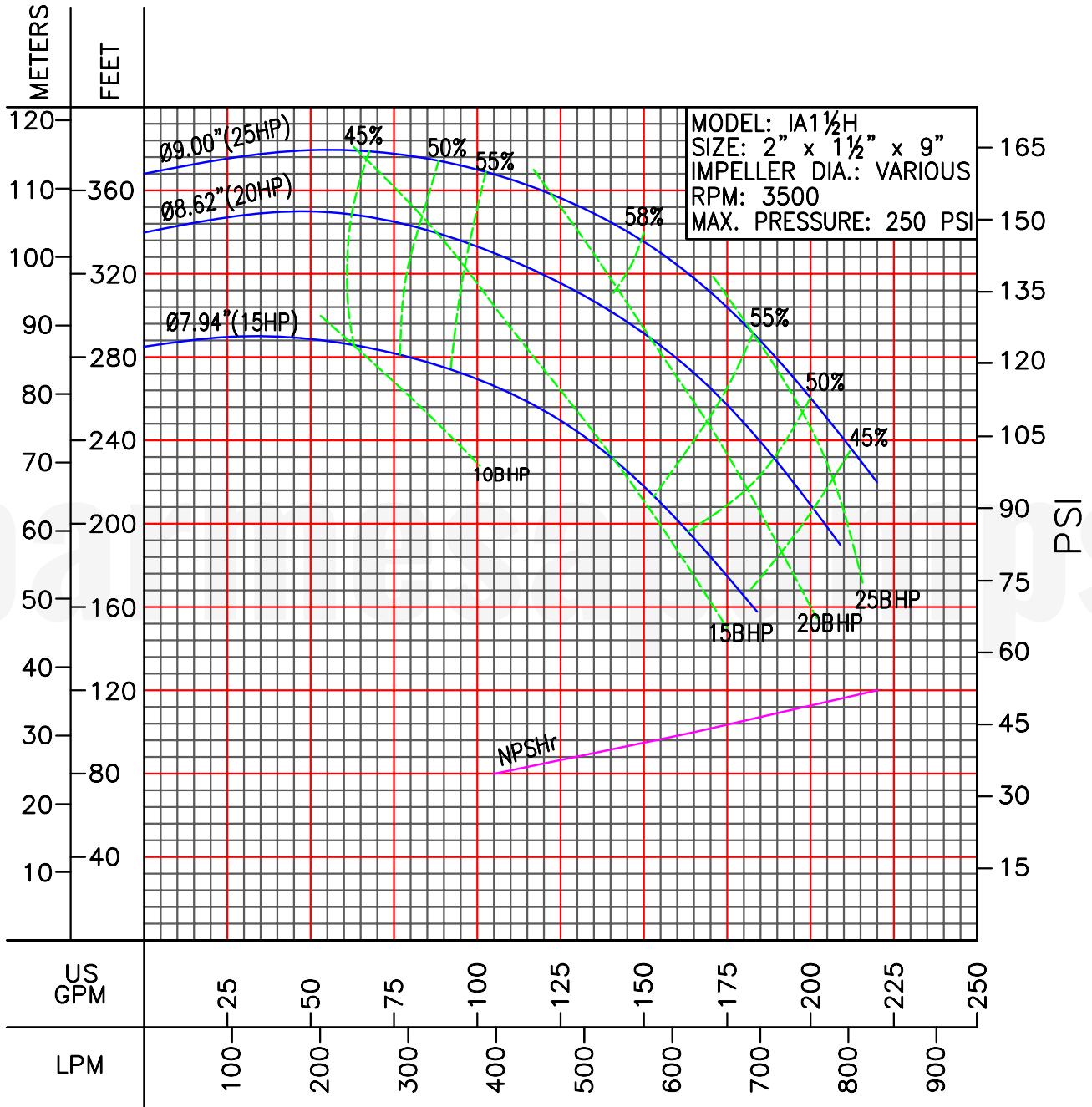
MODEL: IA1½
RPM: VARIOUS

PERFORMANCE CURVES



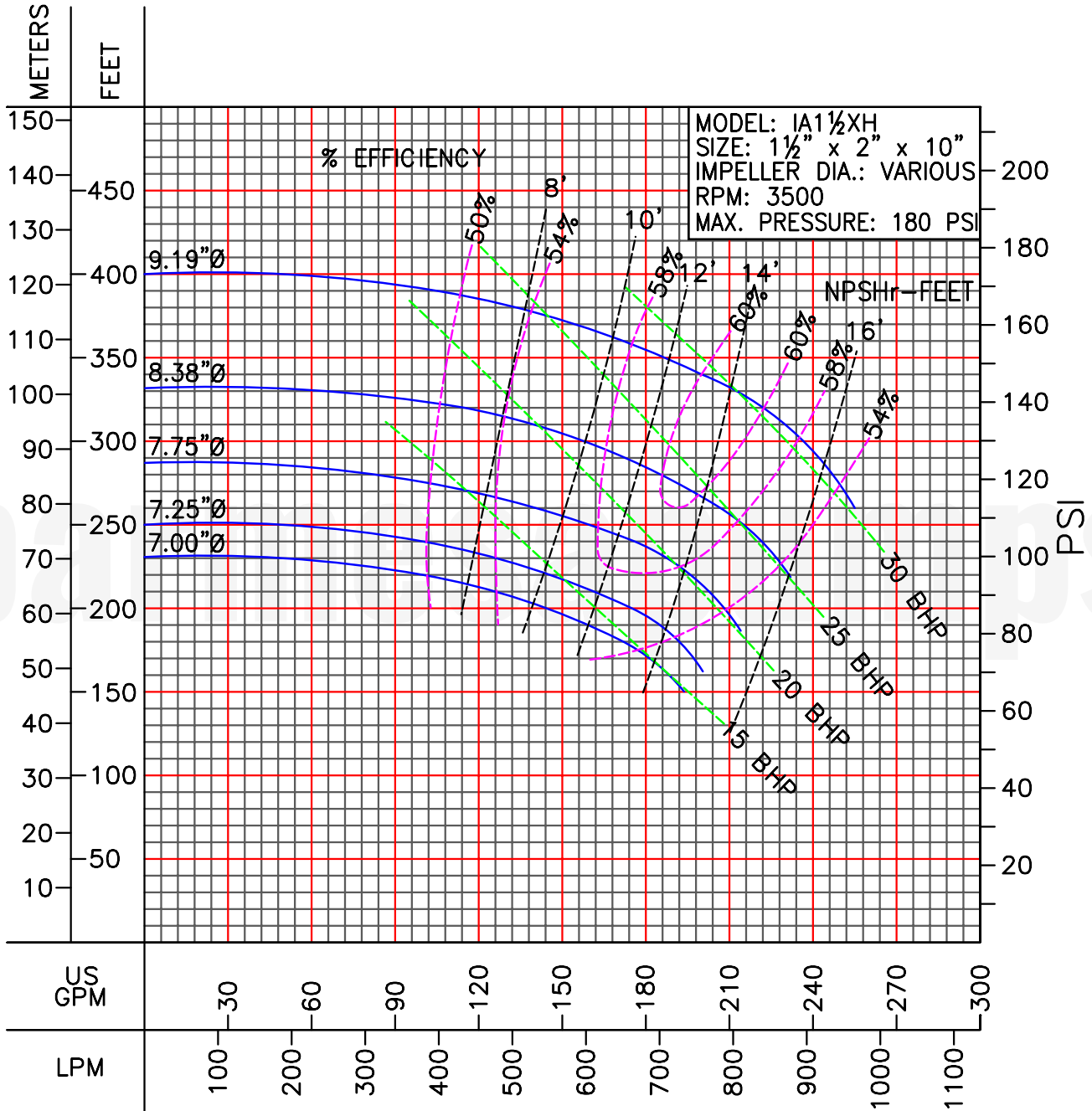
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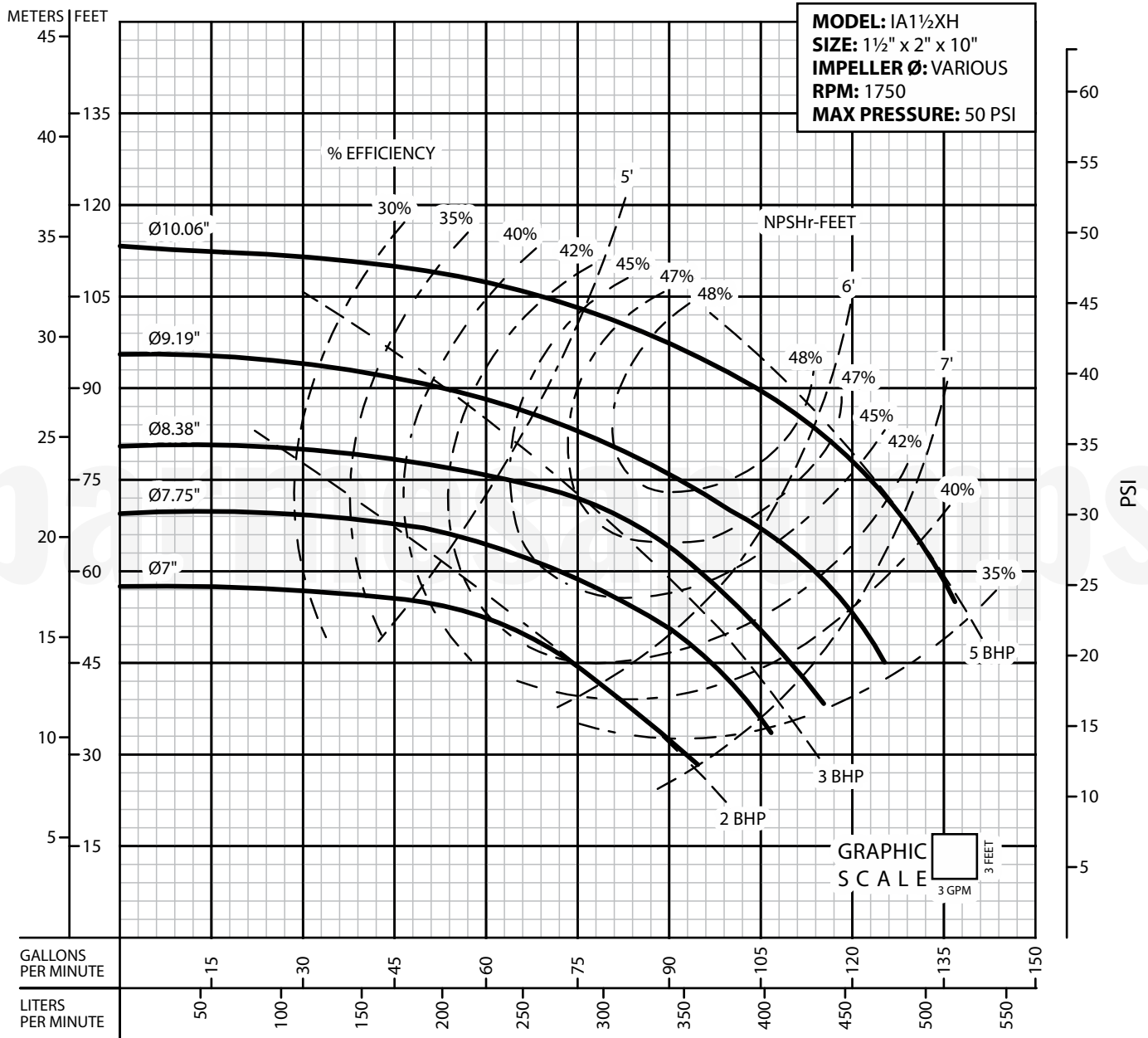
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MODEL: IA1½XH

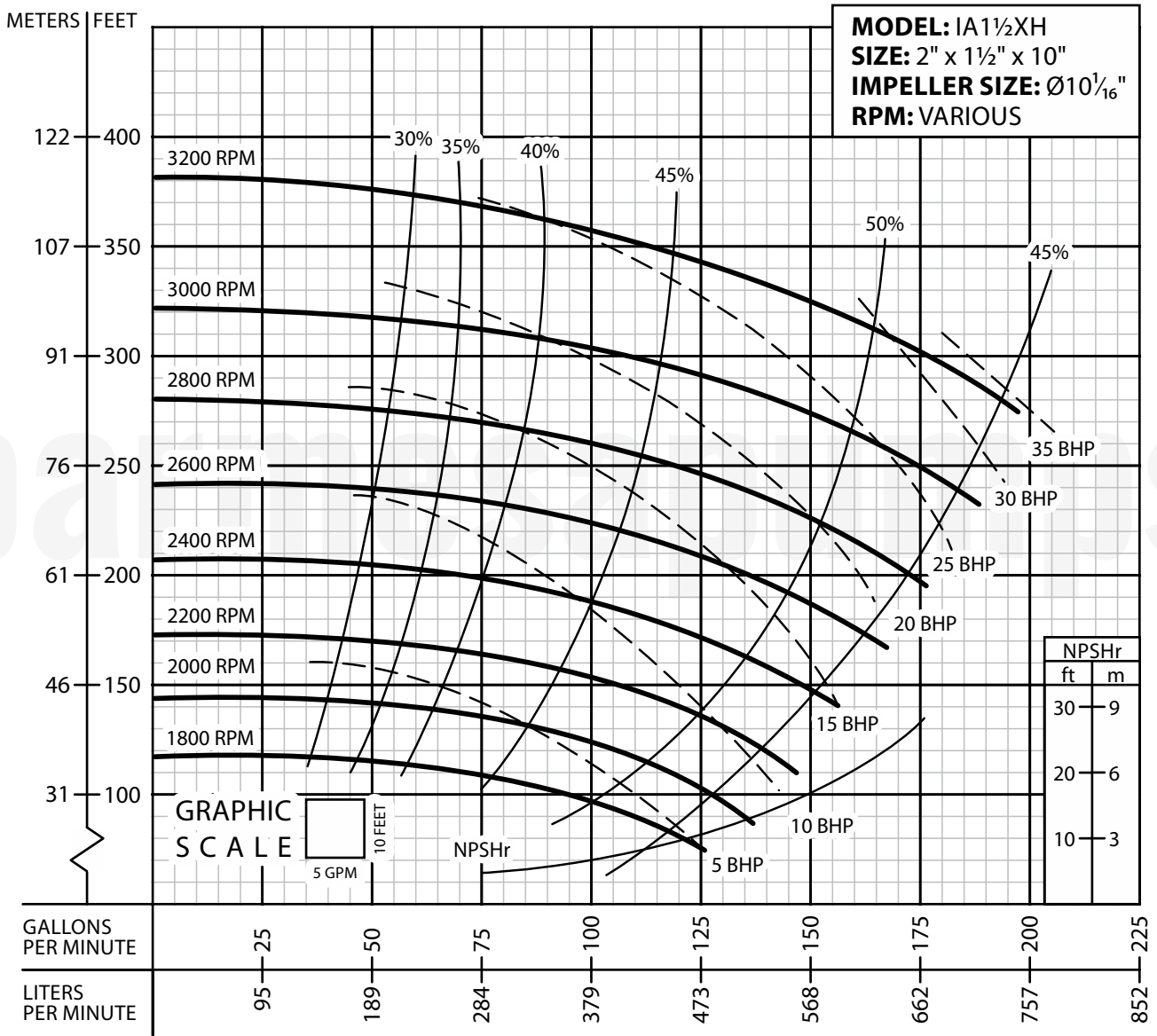
RPM: 1750

PERFORMANCE CURVES



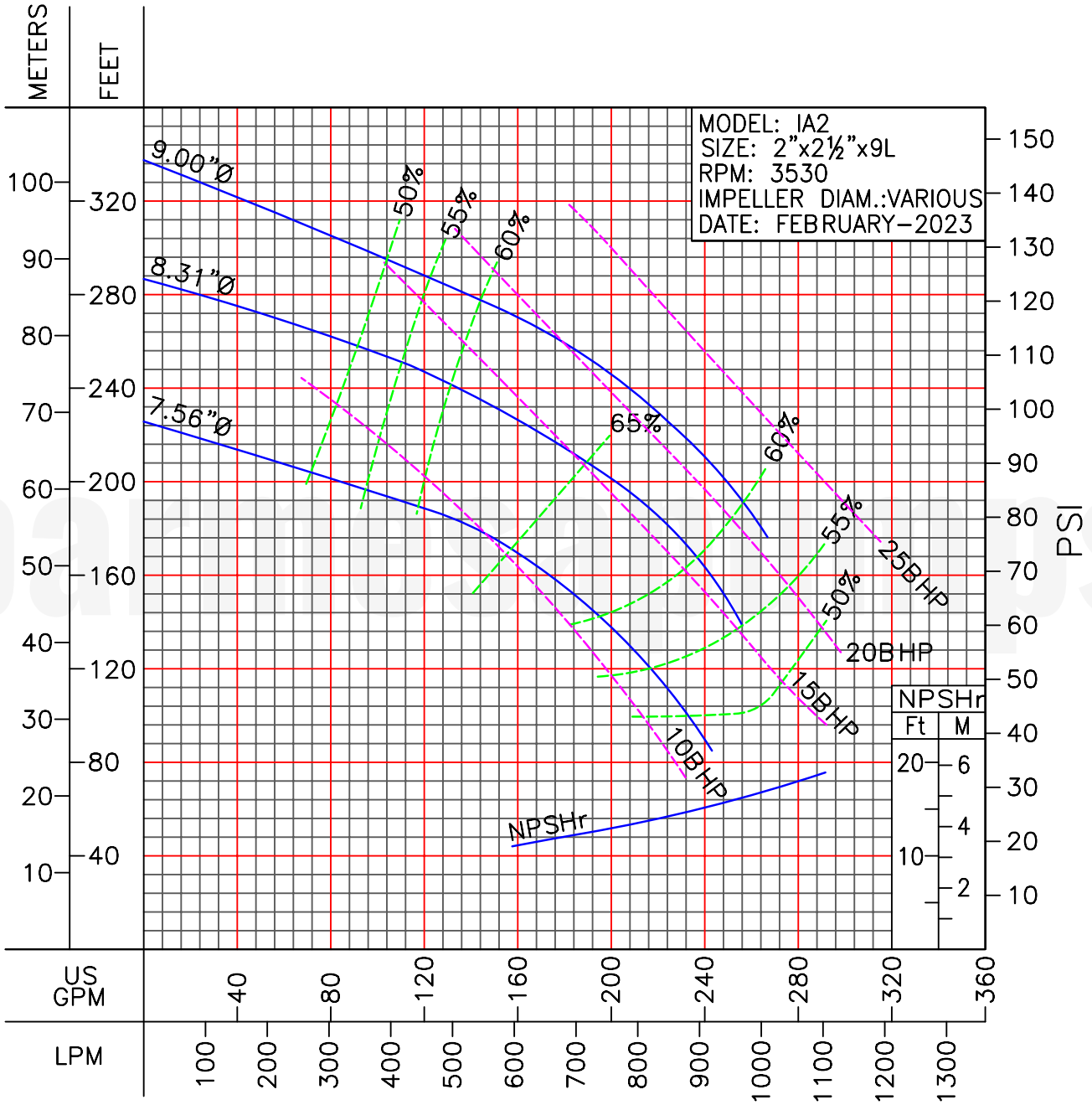
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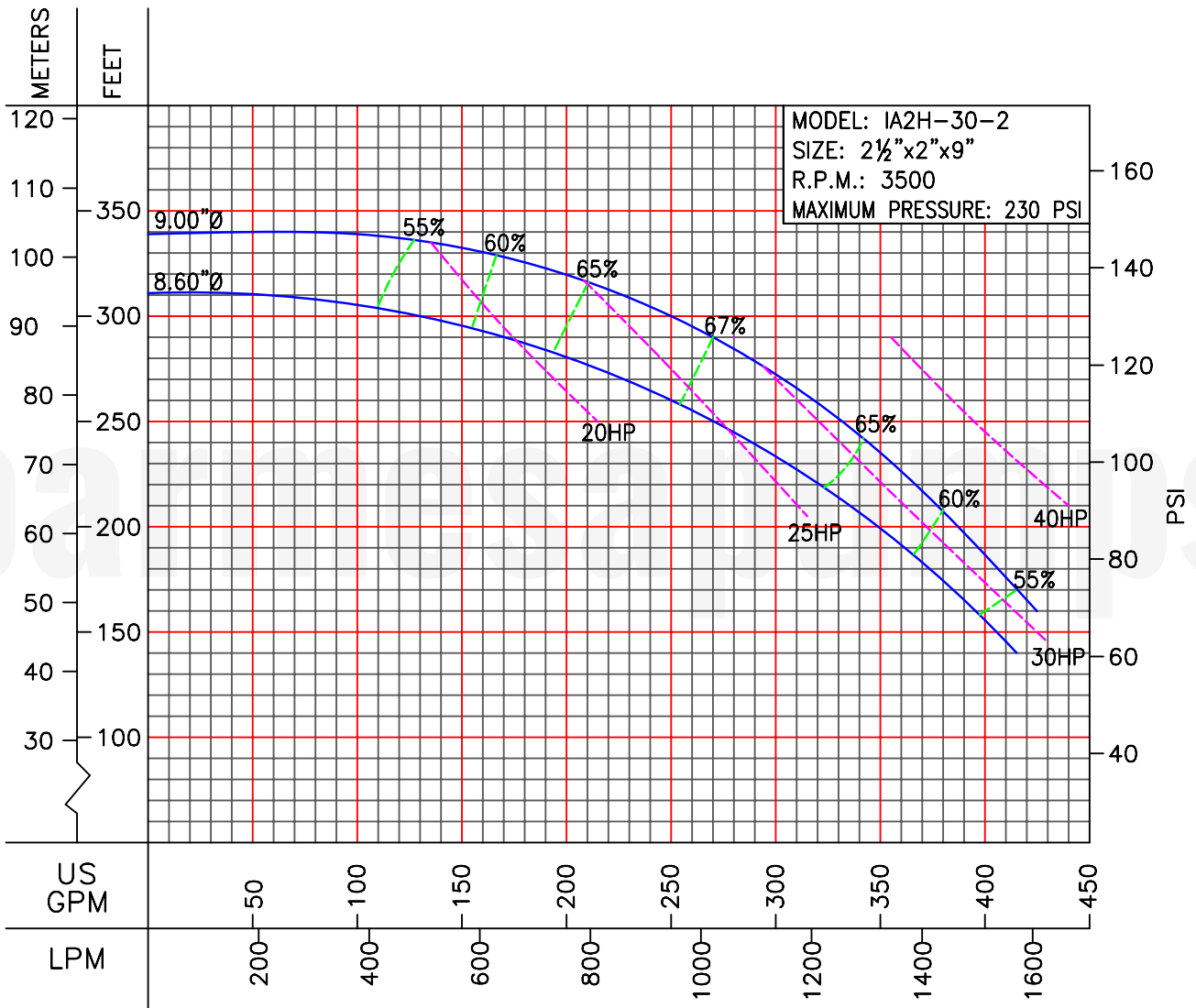
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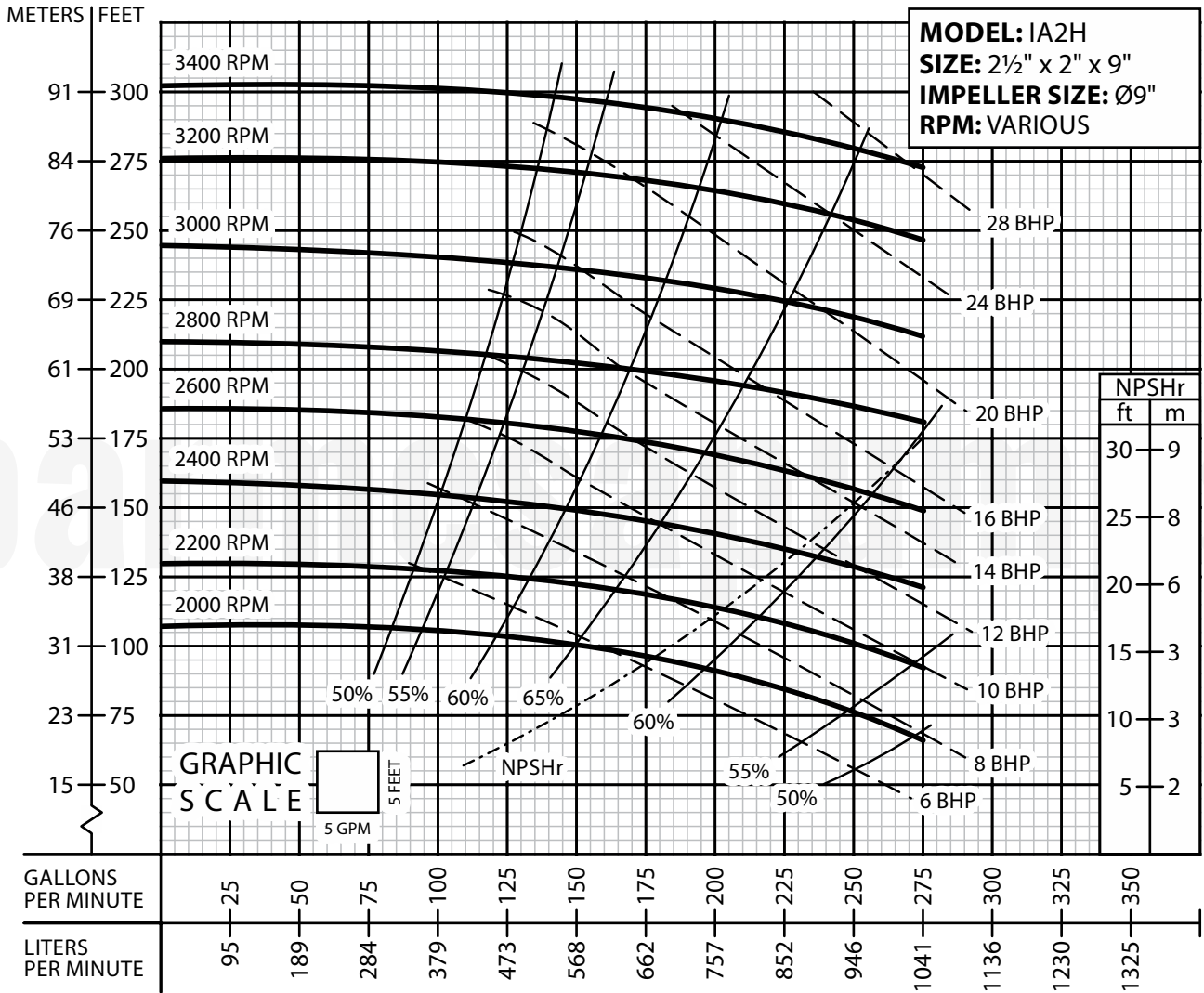
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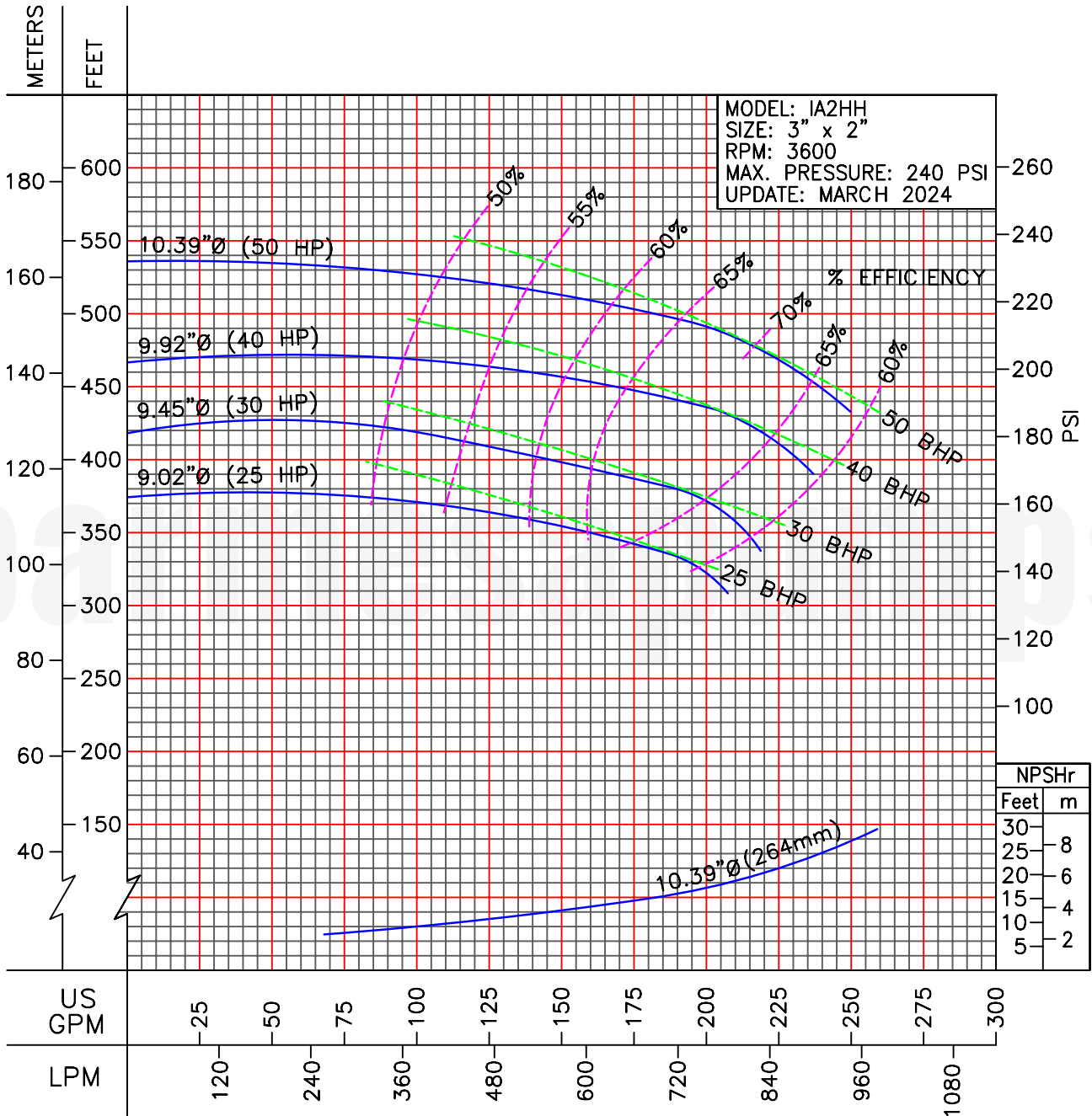
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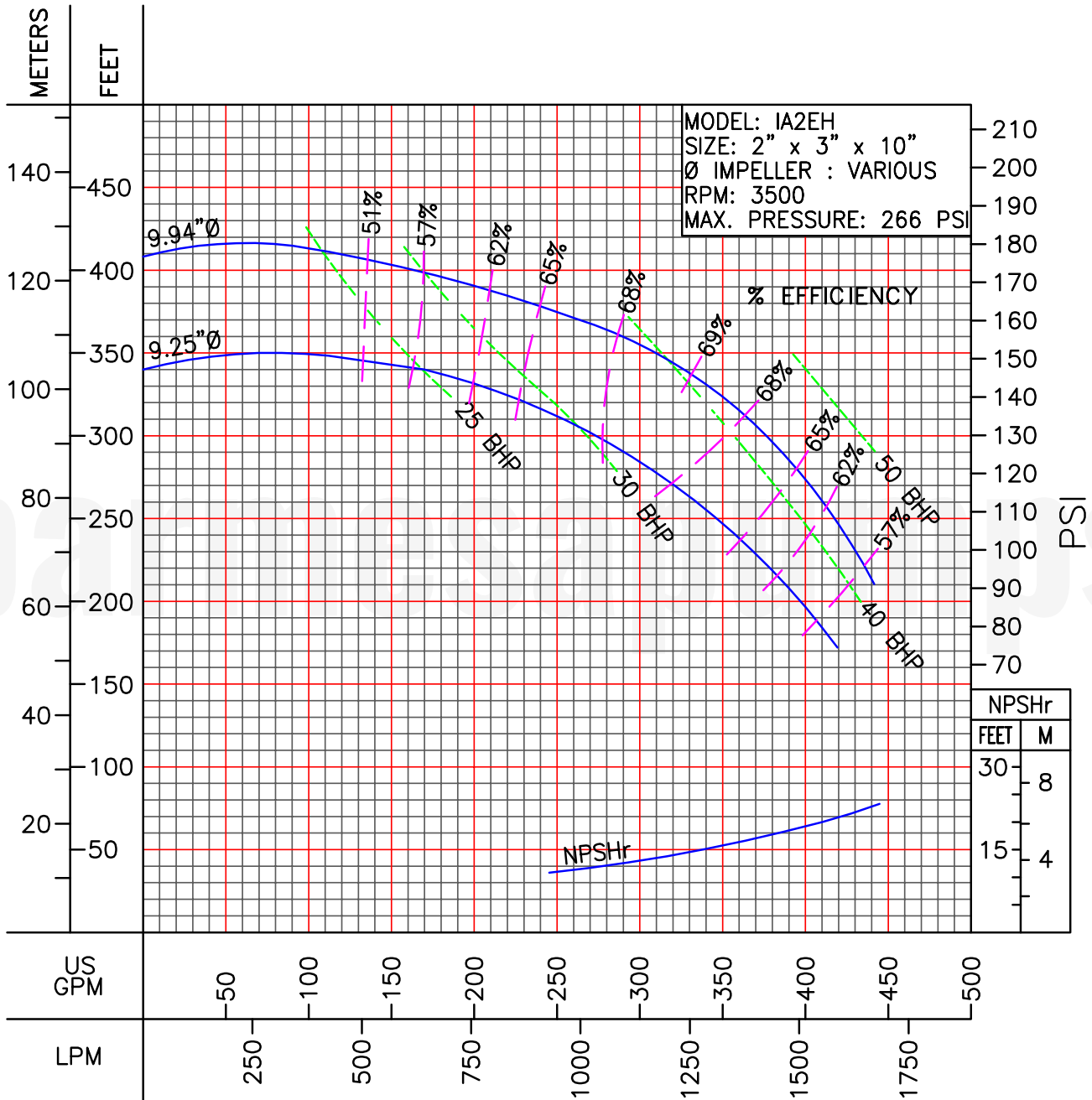
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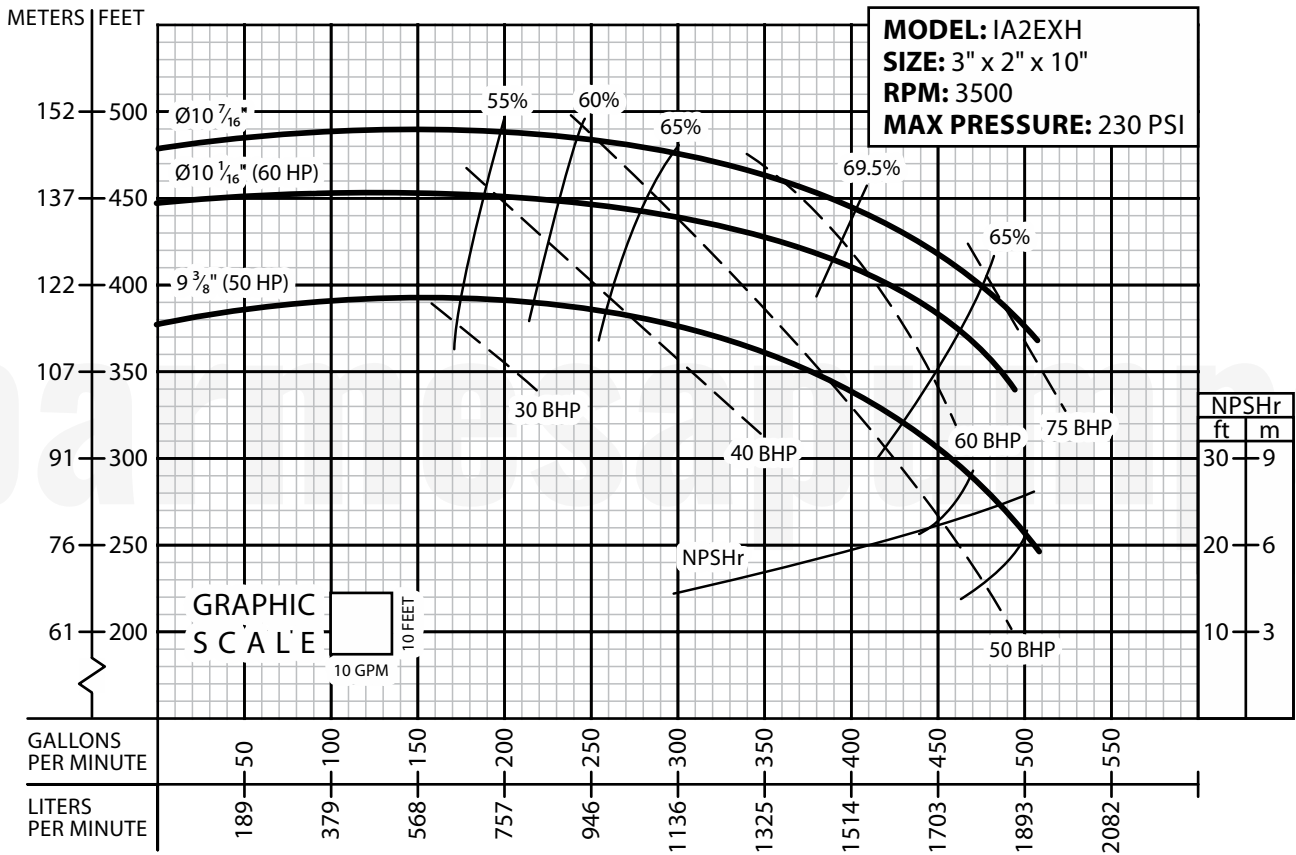
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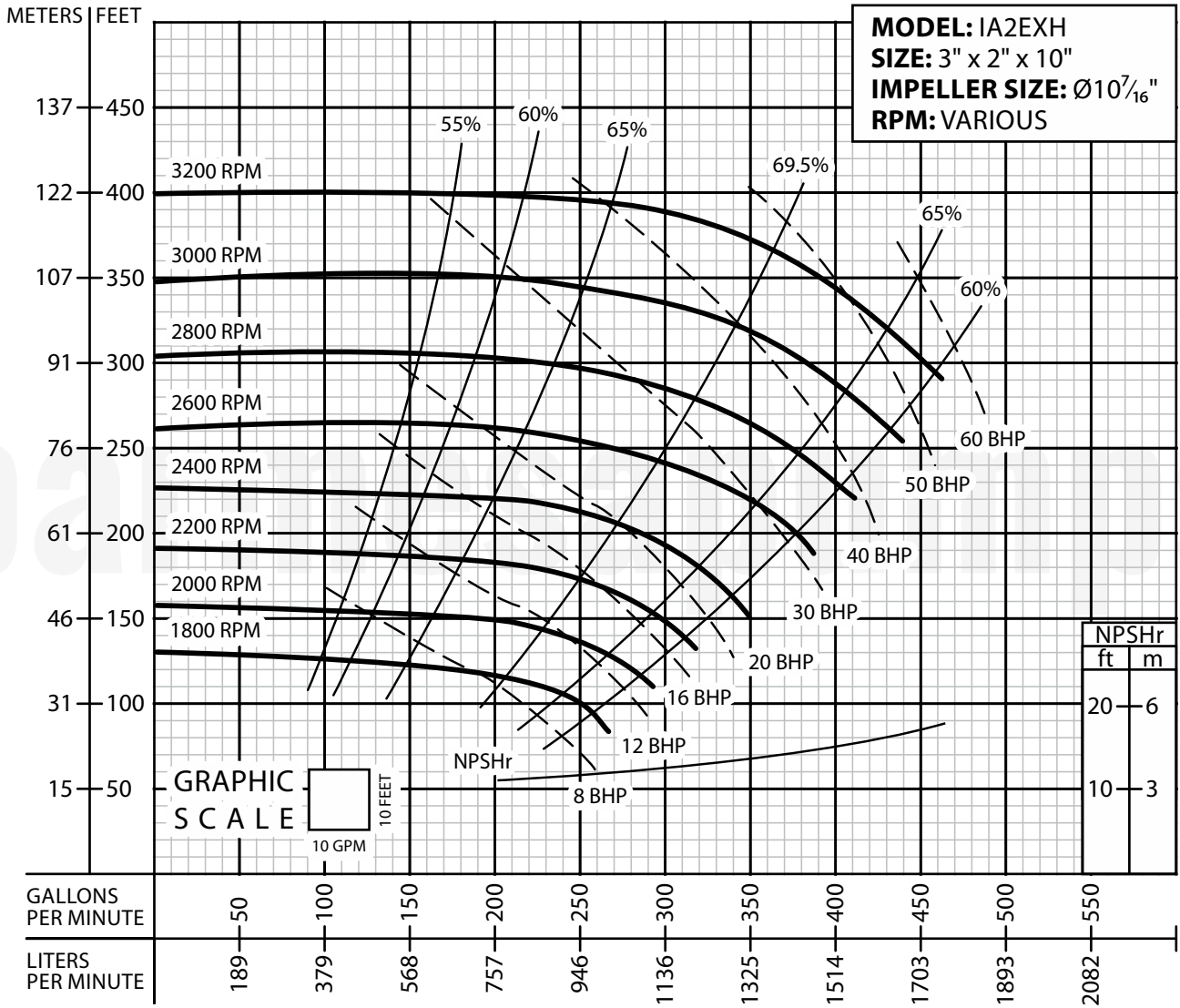


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MODEL: **IA2EXH**
RPM: VARIOUS

PERFORMANCE CURVES



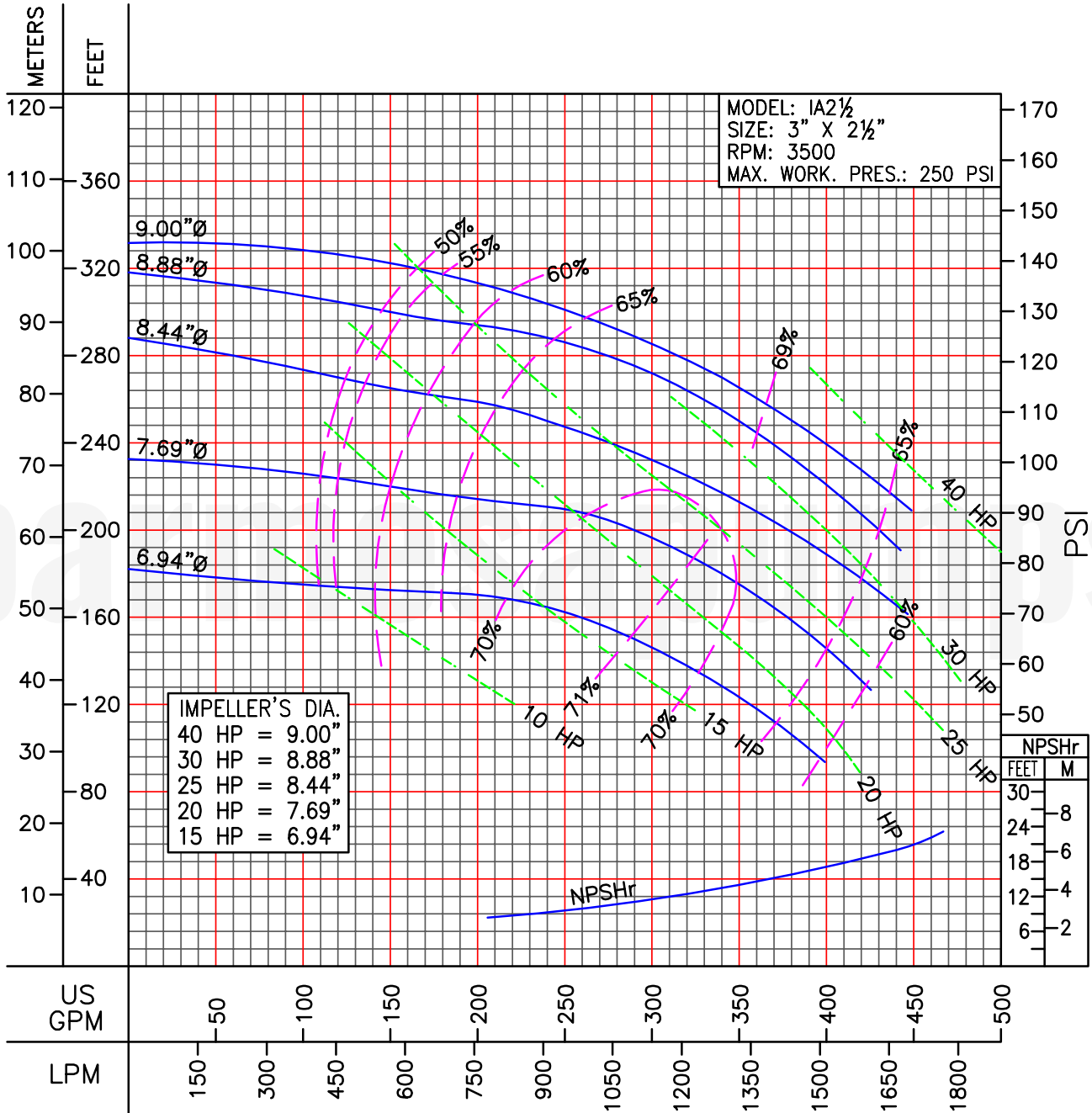
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MODEL: IA2½

RPM: 3500

PERFORMANCE CURVES



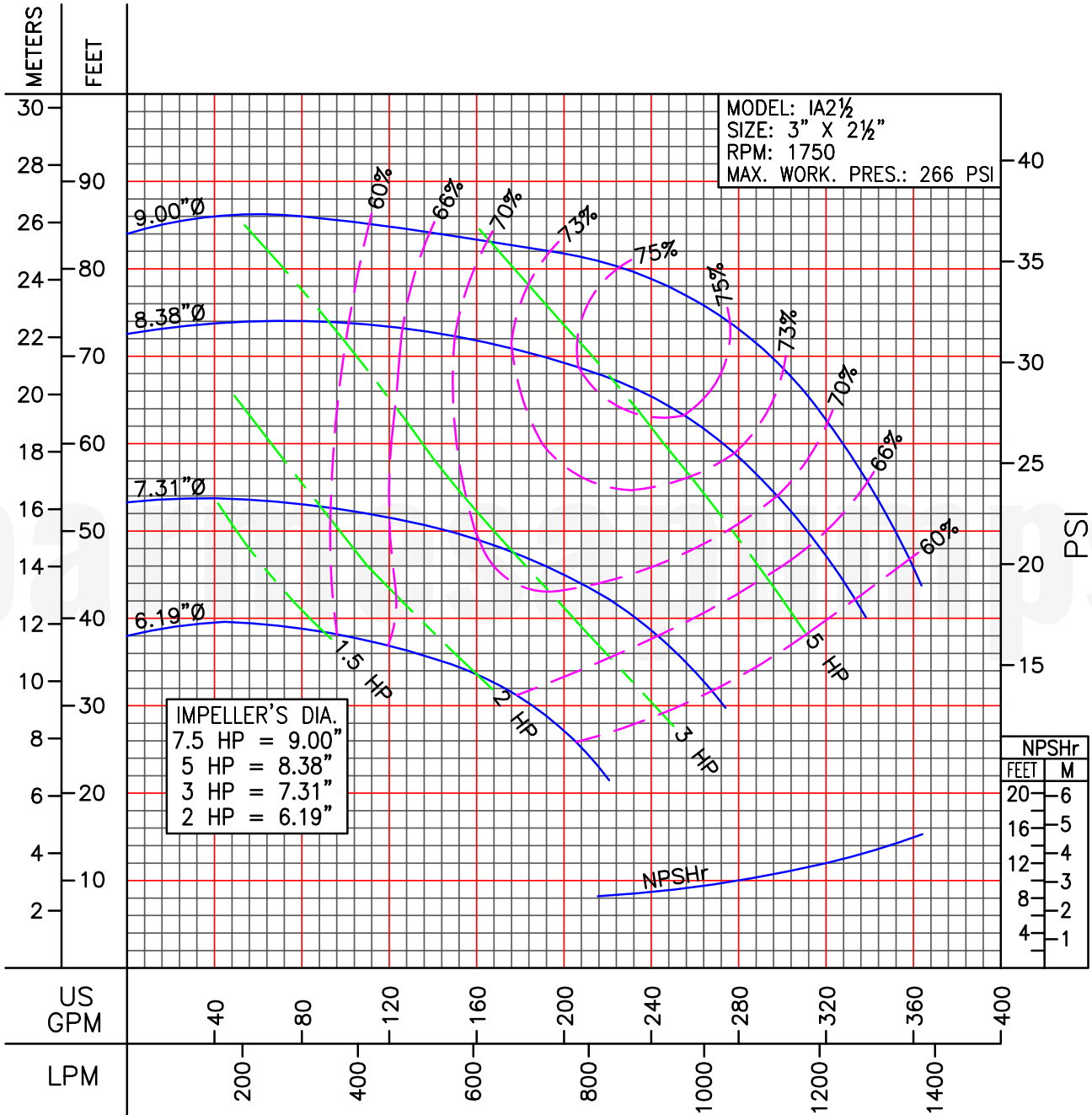
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MODEL: IA2½

RPM: 1750

PERFORMANCE CURVES

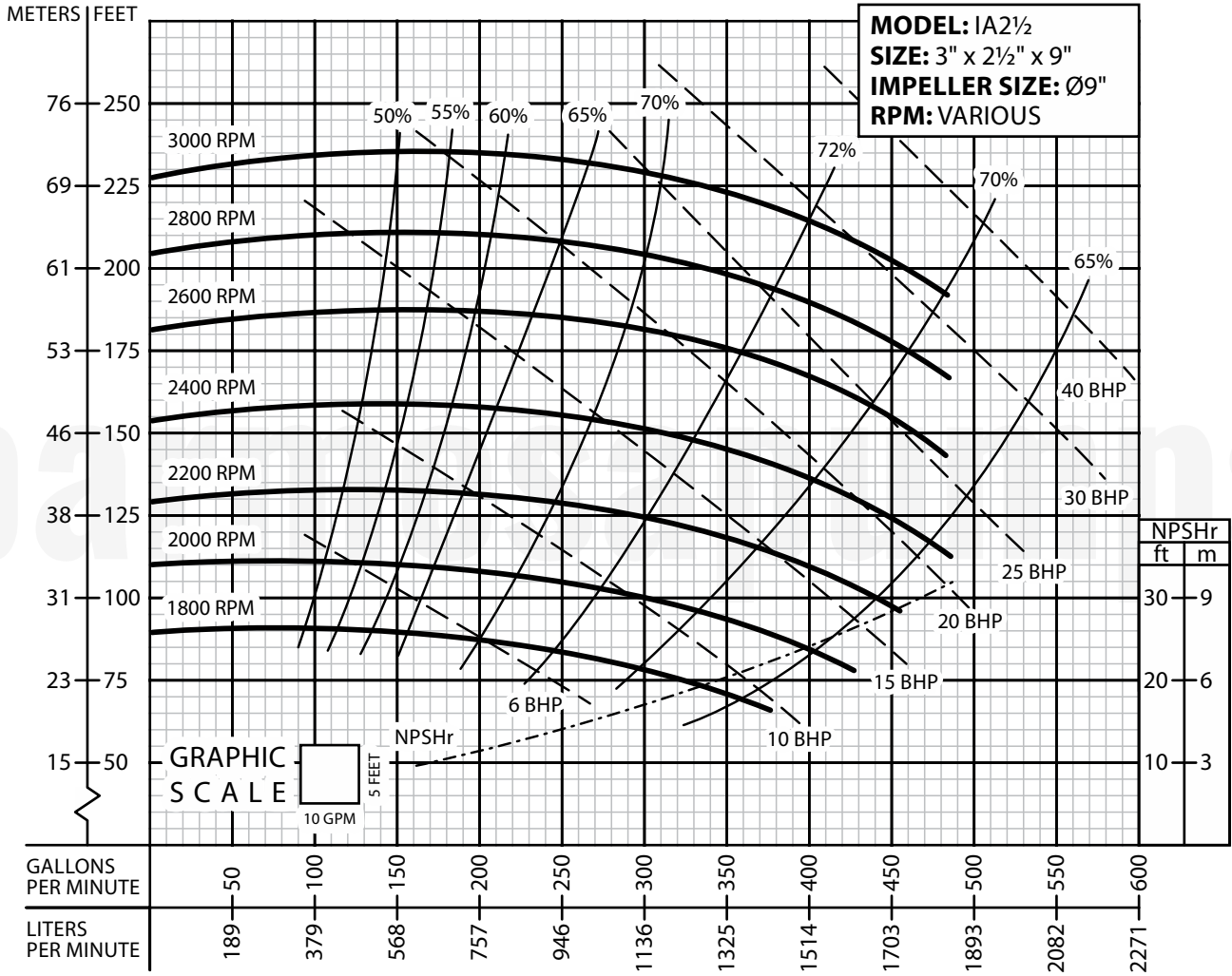


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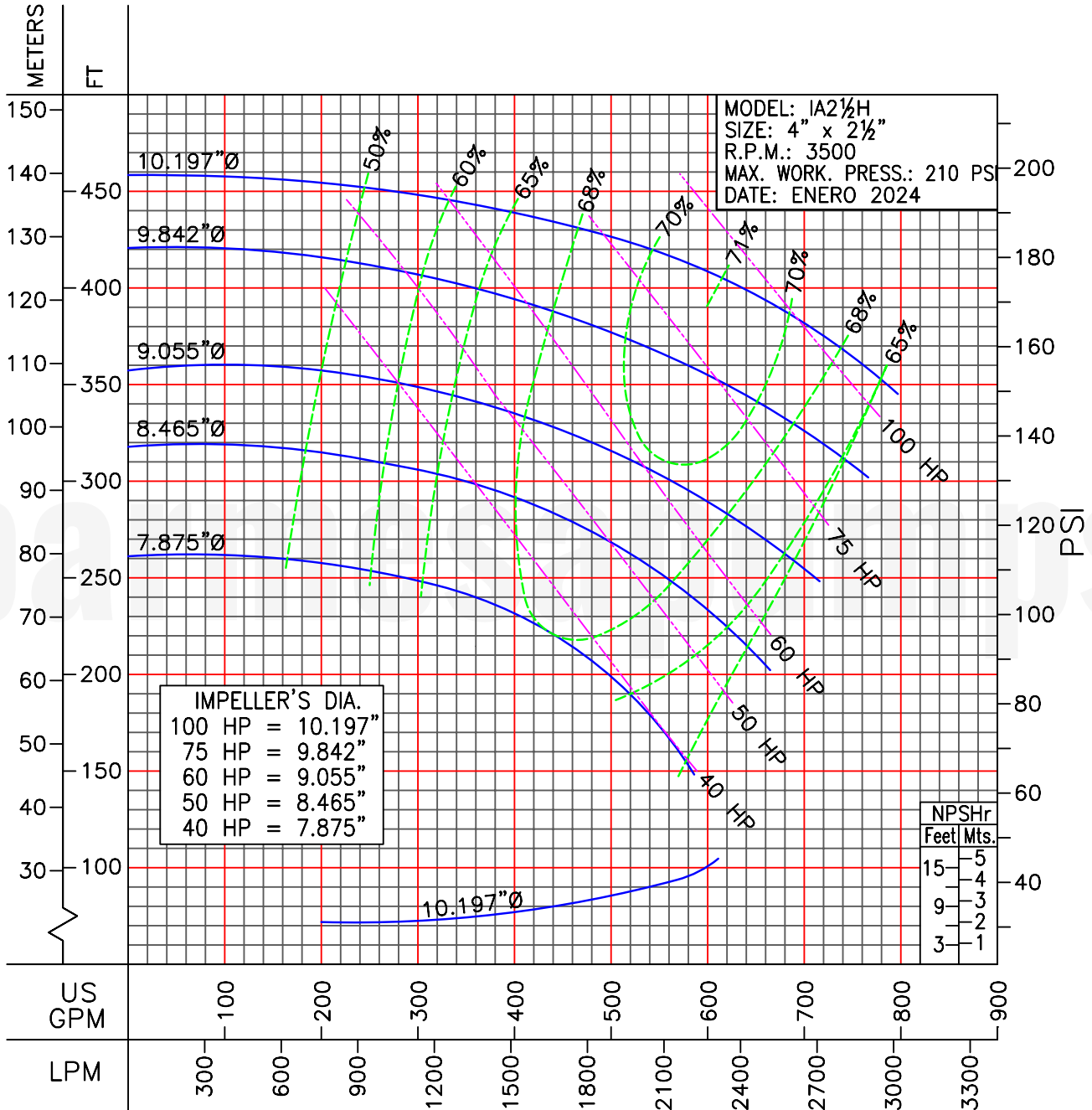
MODEL: **IA2½**
RPM: VARIOUS

PERFORMANCE CURVES



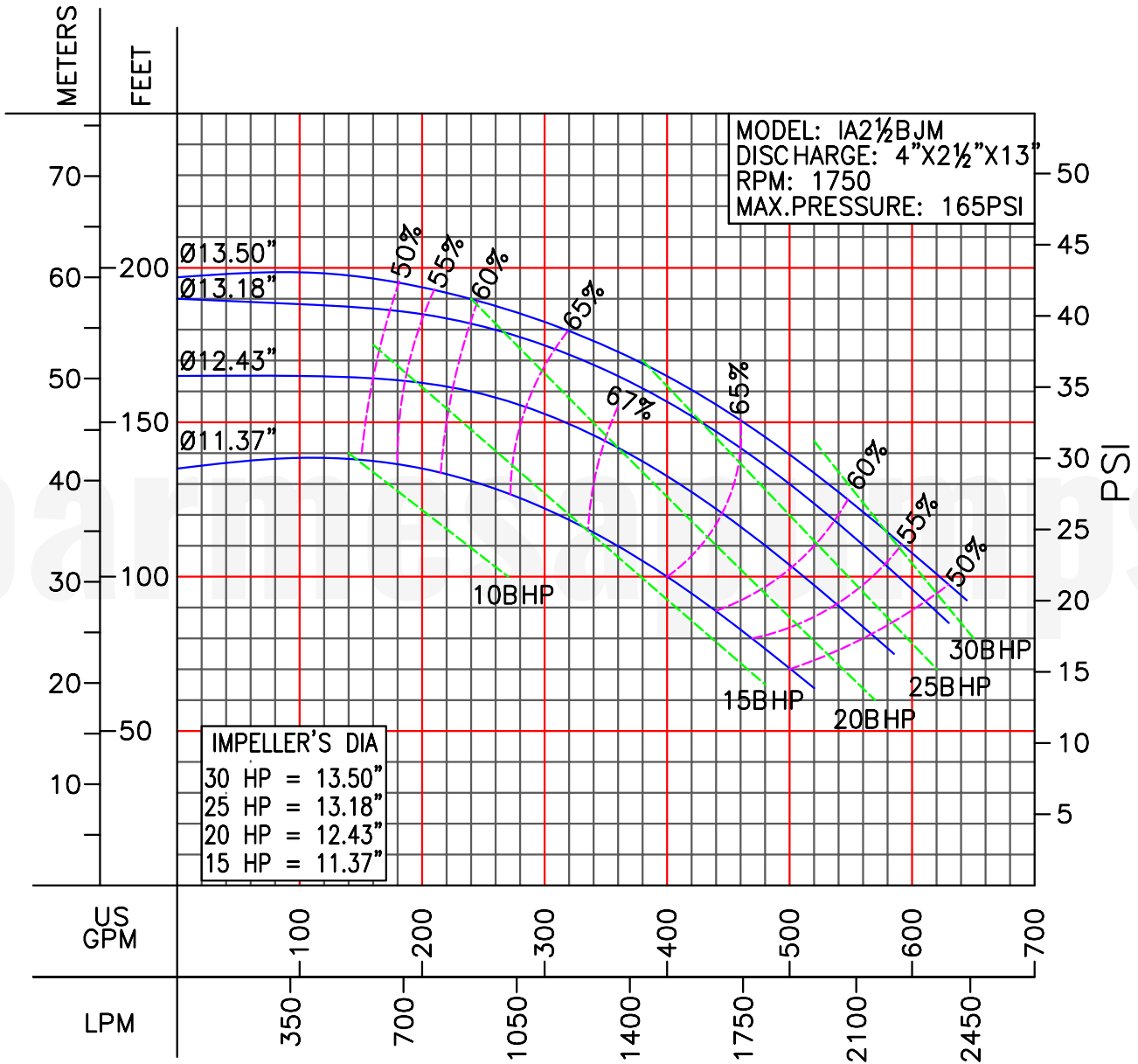
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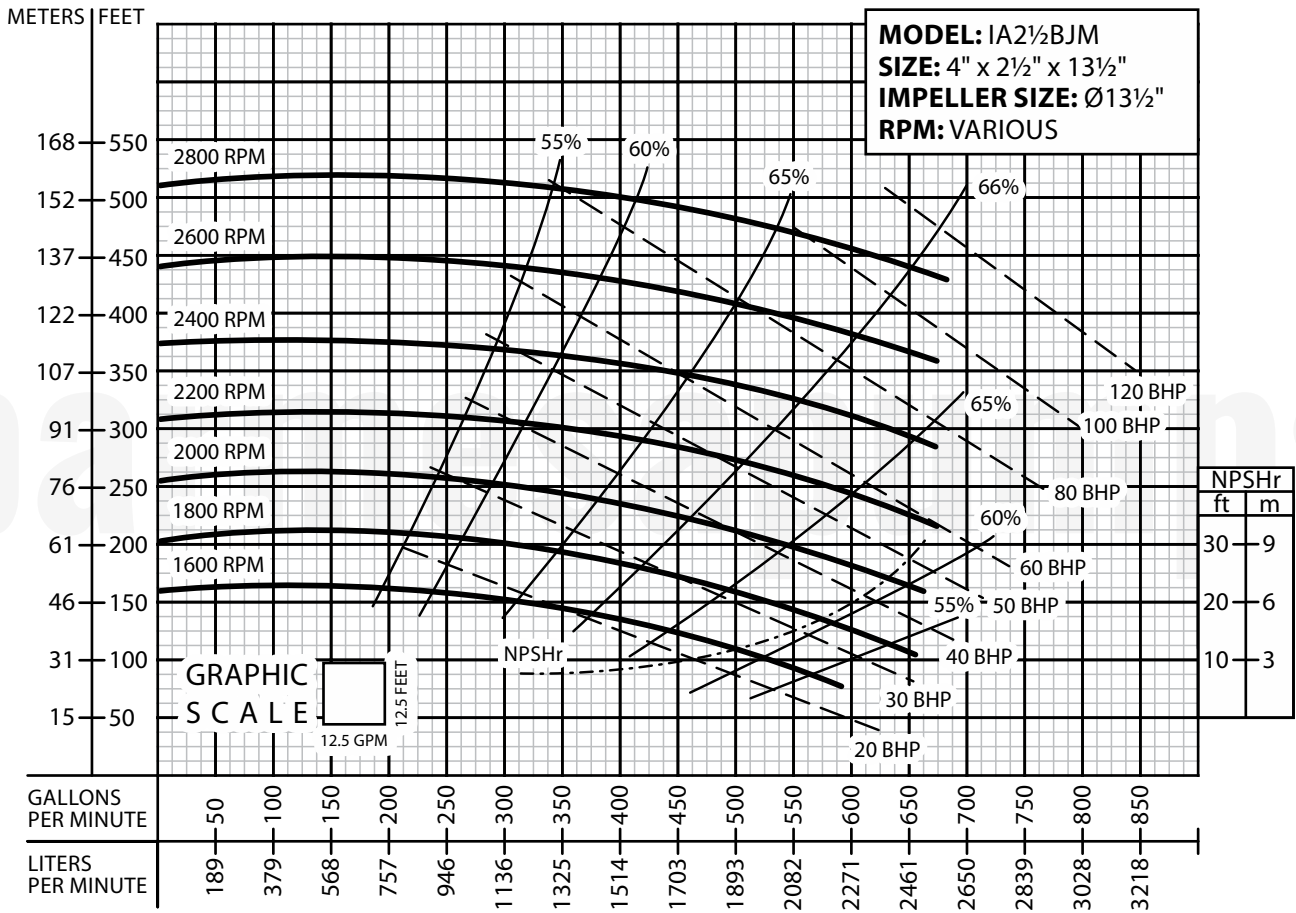


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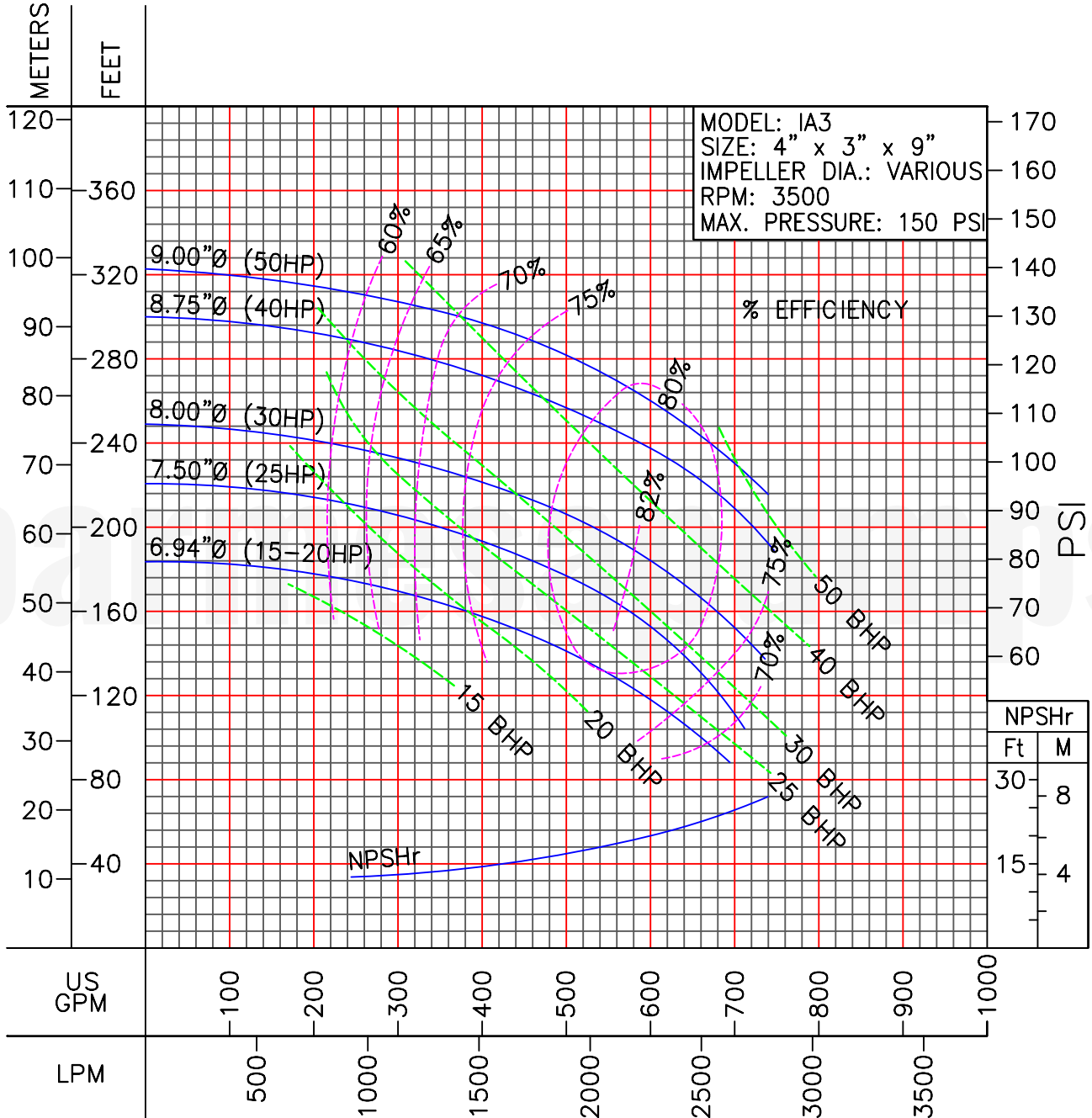
MODEL: **IA2½BJM**
RPM: VARIOUS

PERFORMANCE CURVES



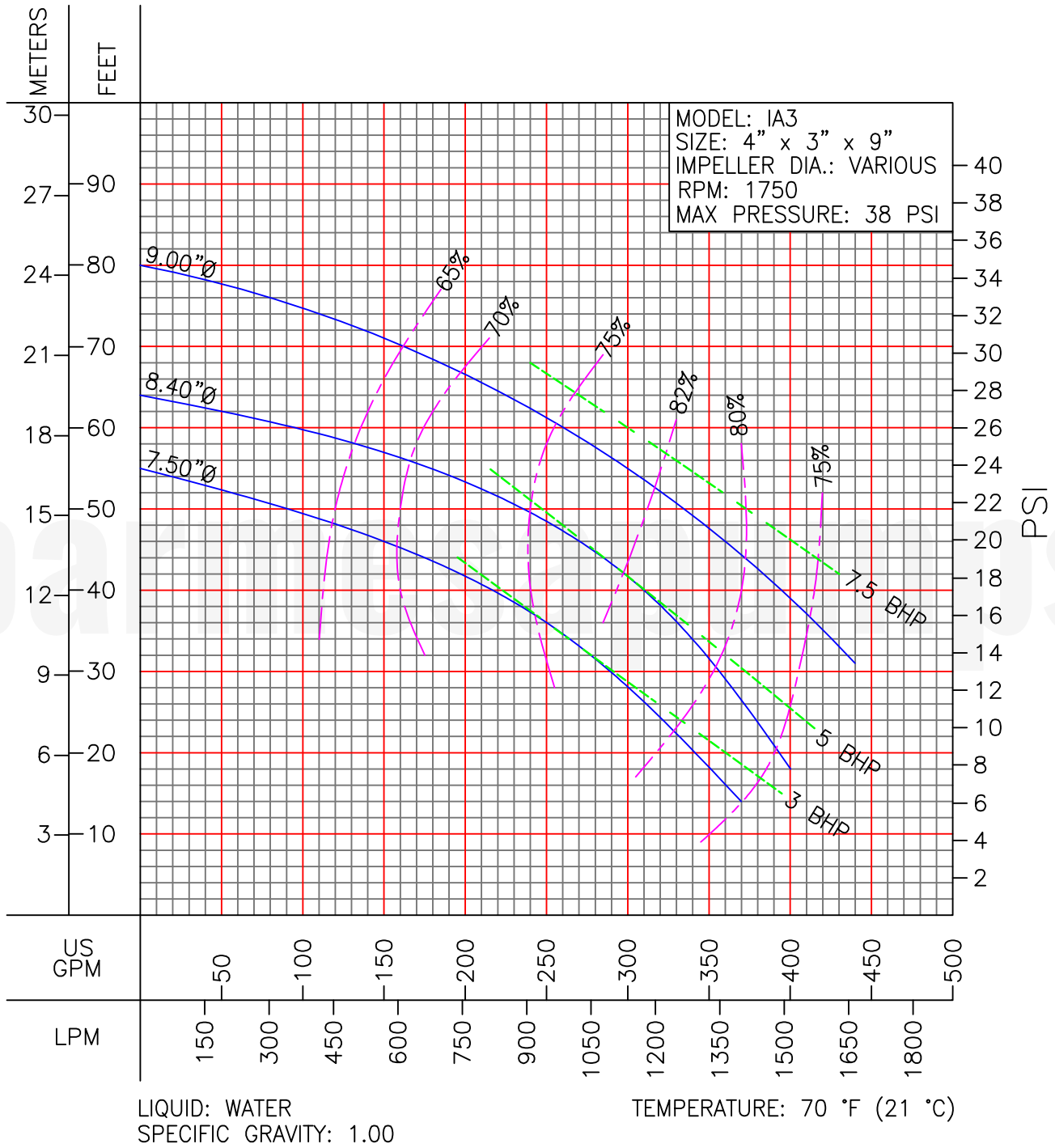
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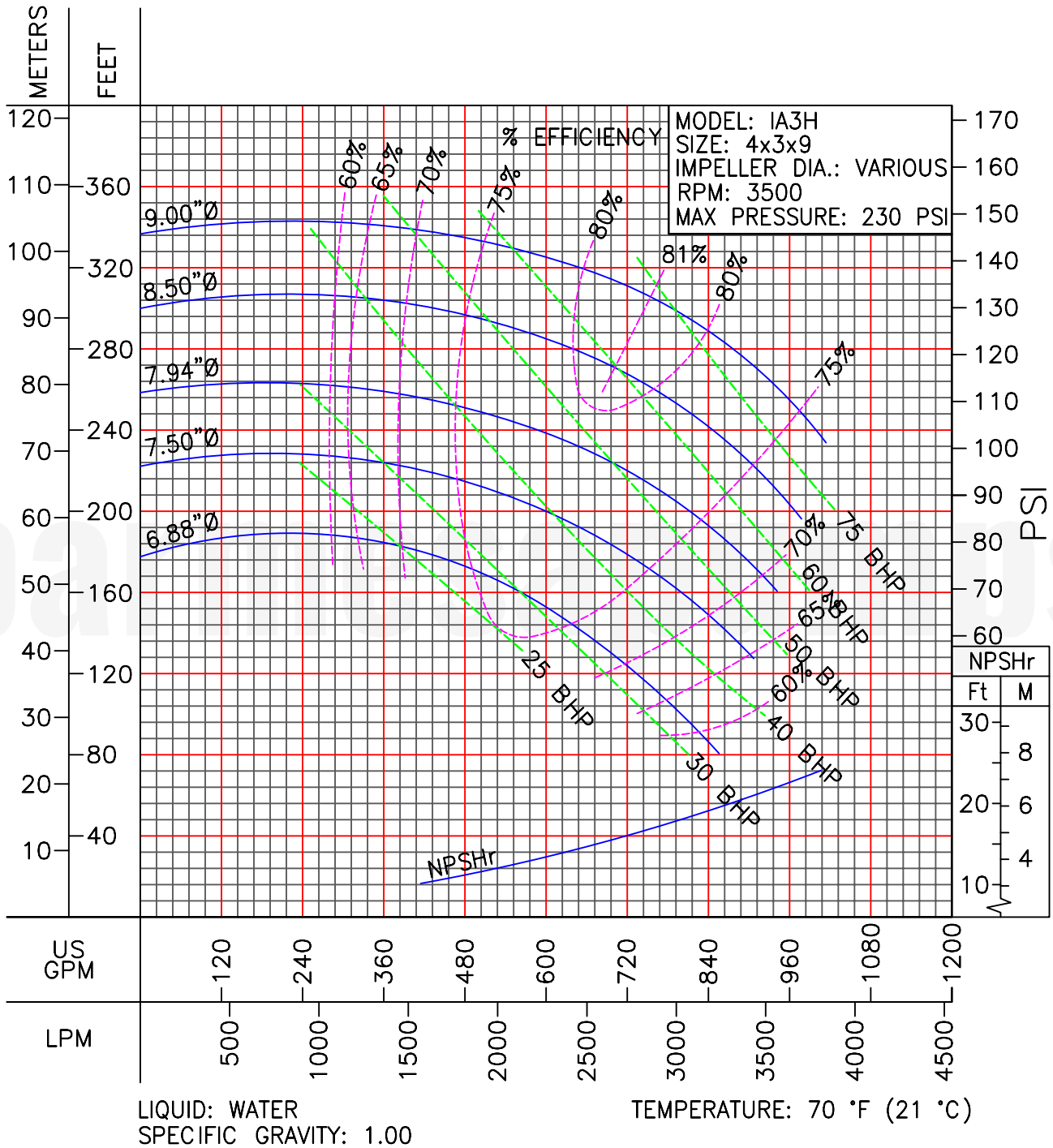
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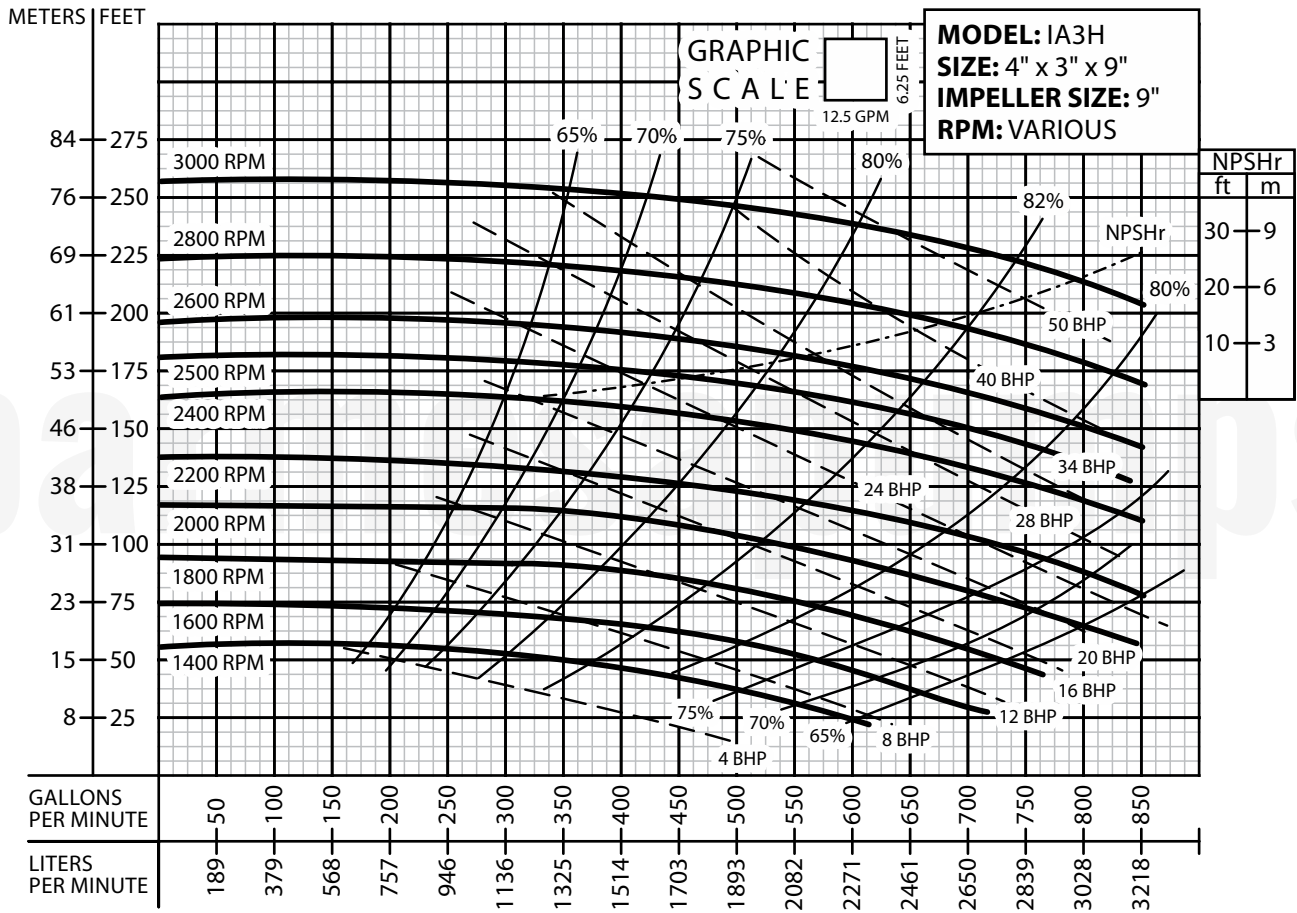
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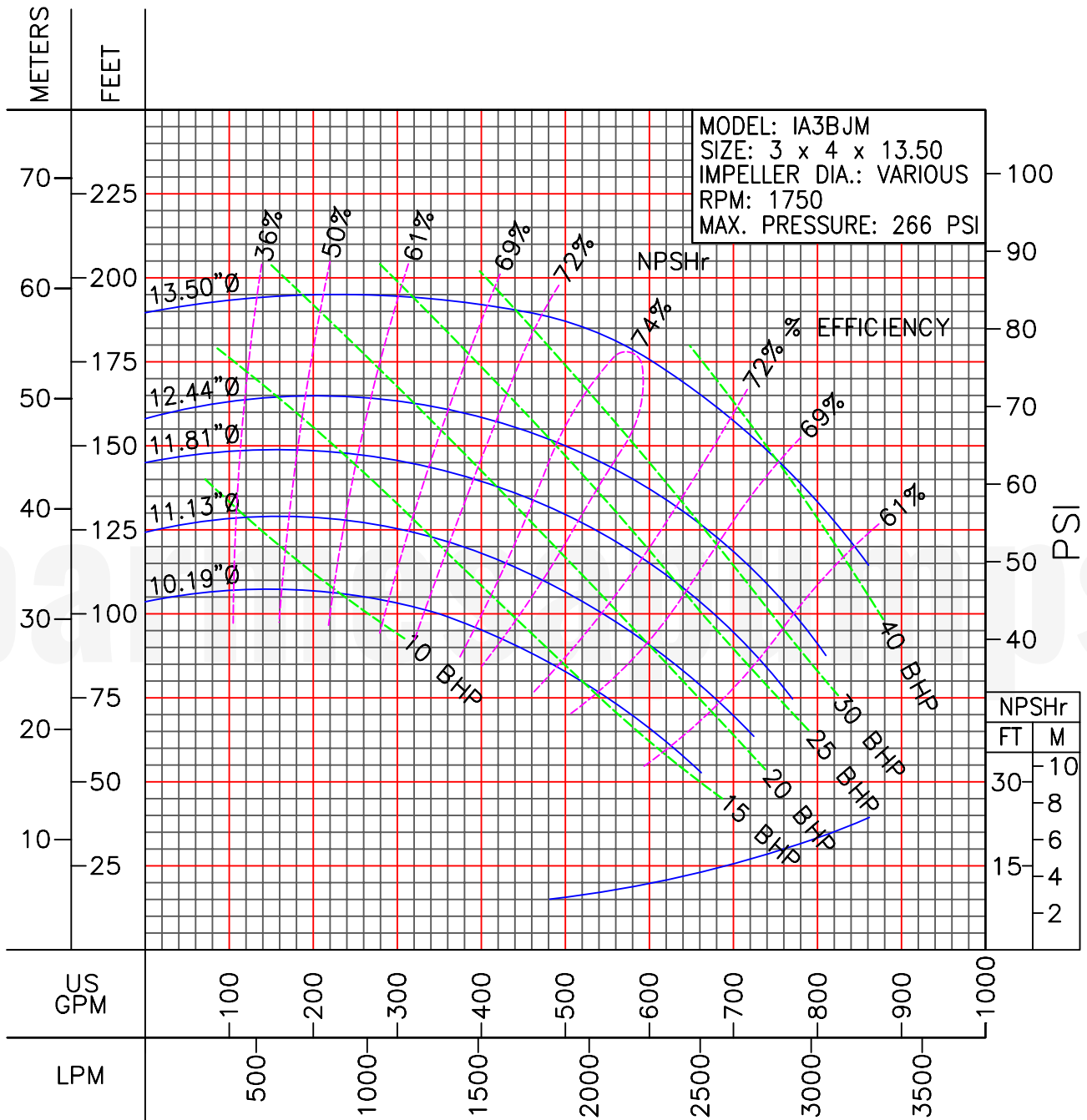
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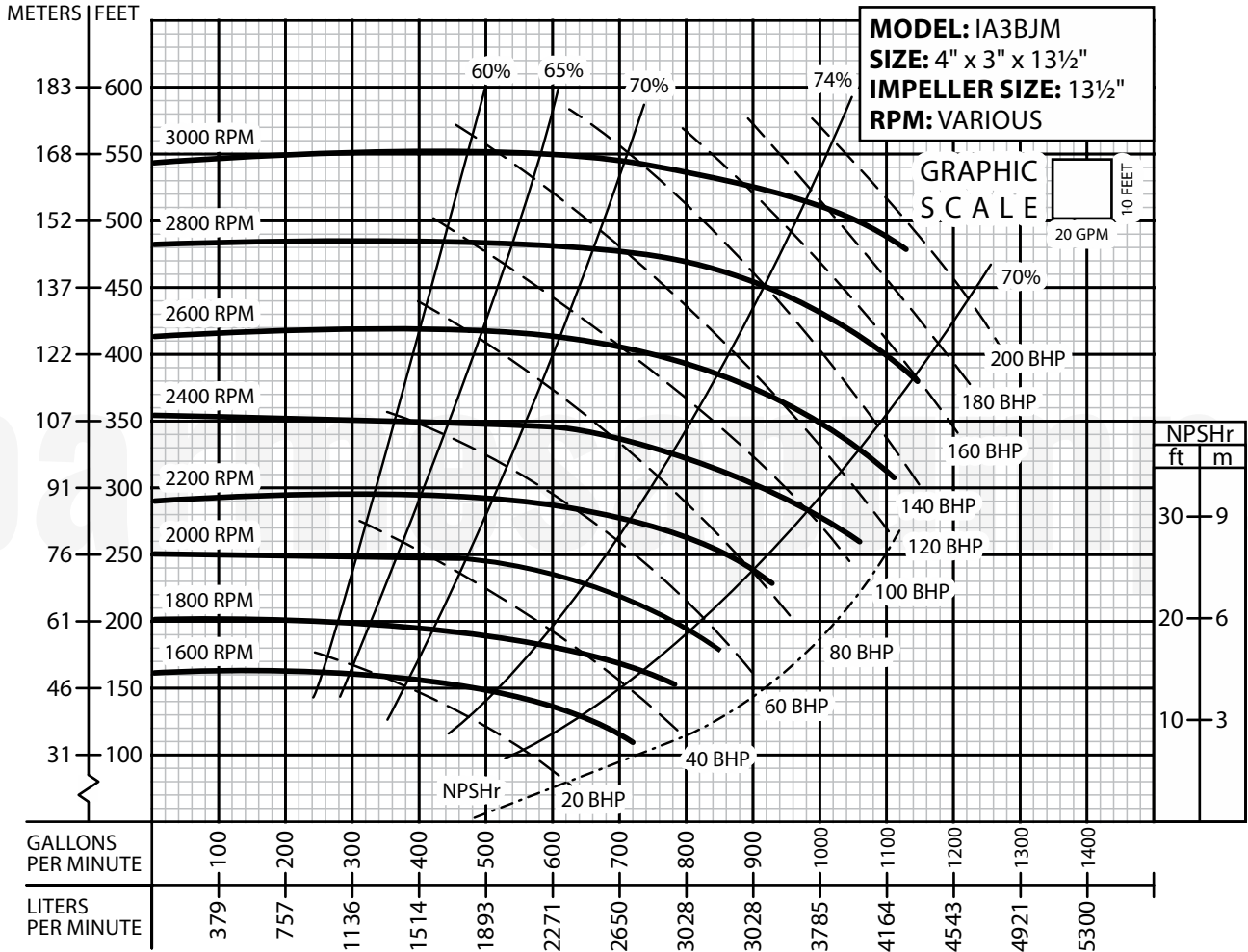


LIQUID: WATER
 SPECIFIC GRAVITY: 1.00

TEMPERATURE: 70 °F (21 °C)

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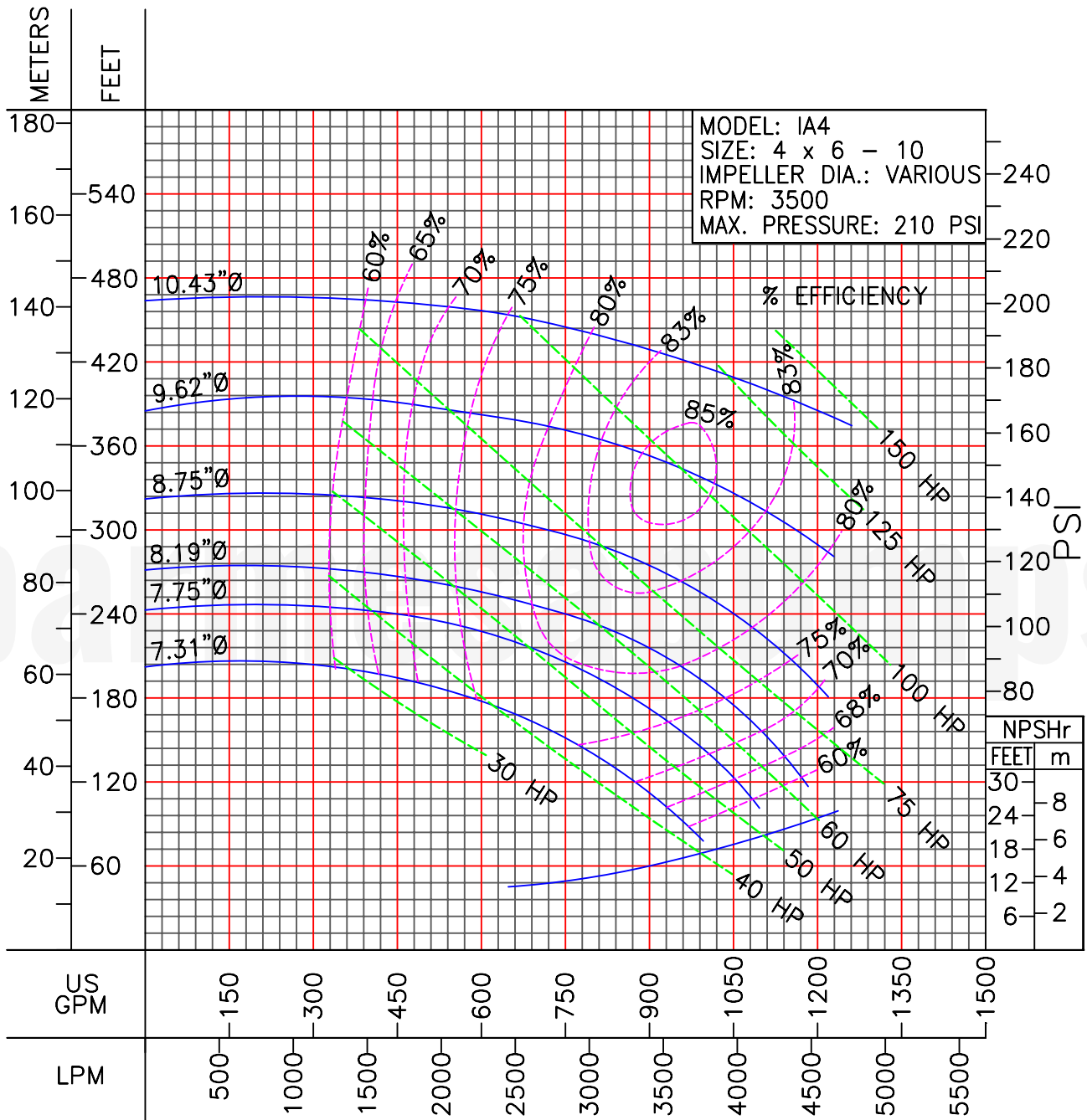
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MODEL: IA4

RPM: 3500

PERFORMANCE CURVES



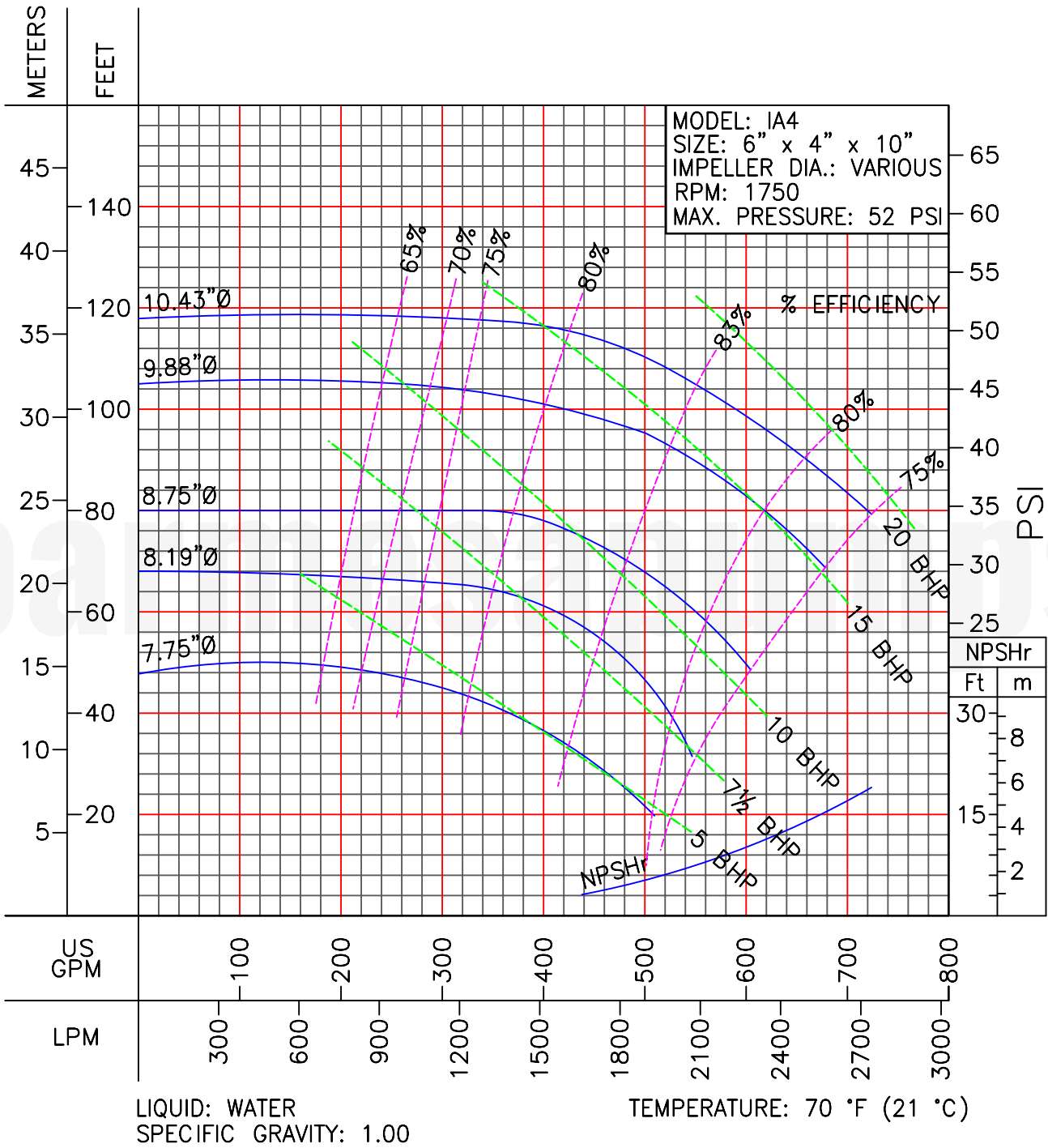
LIQUID: WATER
SPECIFIC GRAVITY: 1.00

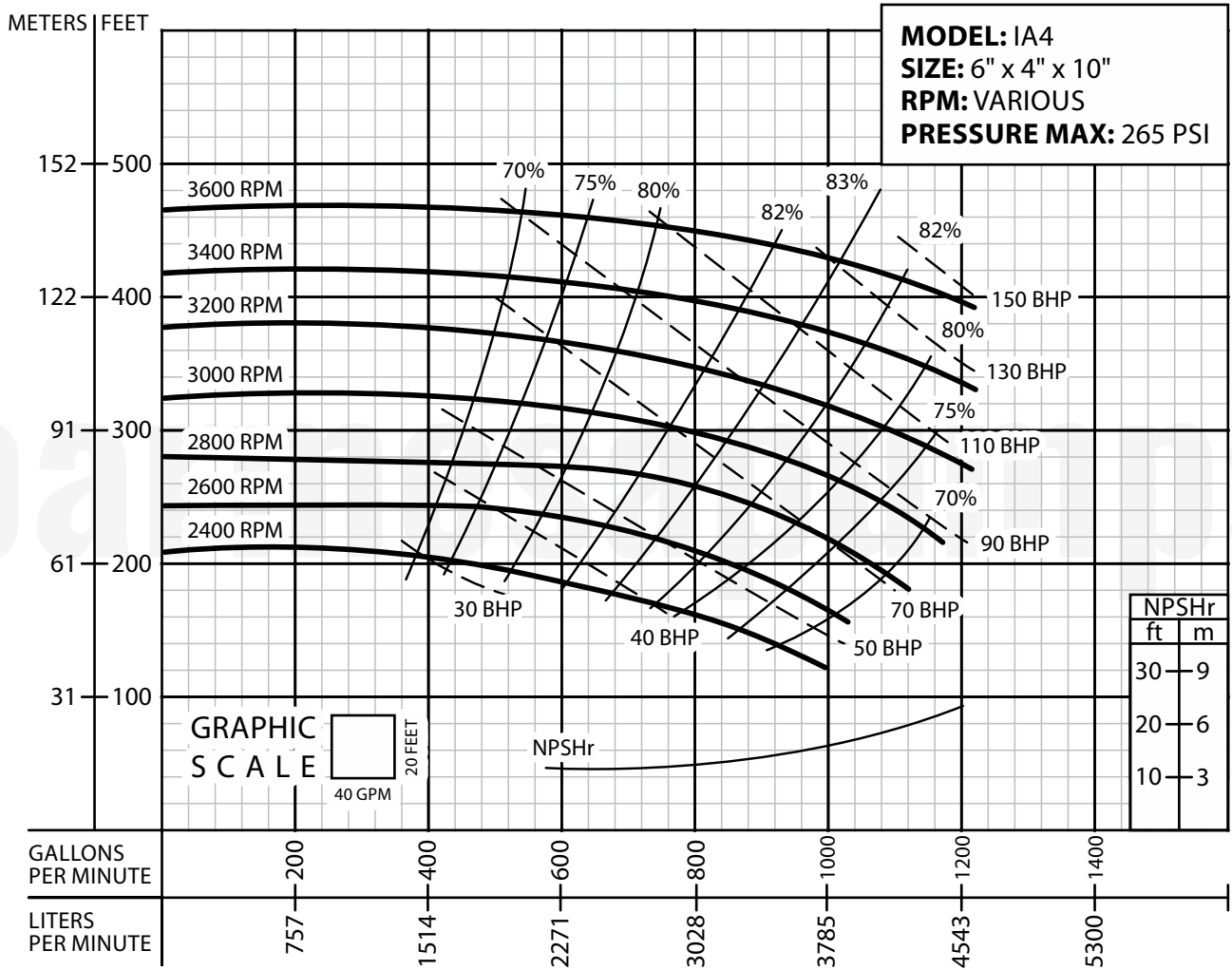
TEMPERATURE: 70 °F (21 °C)

MODEL: IA4

RPM: 1750

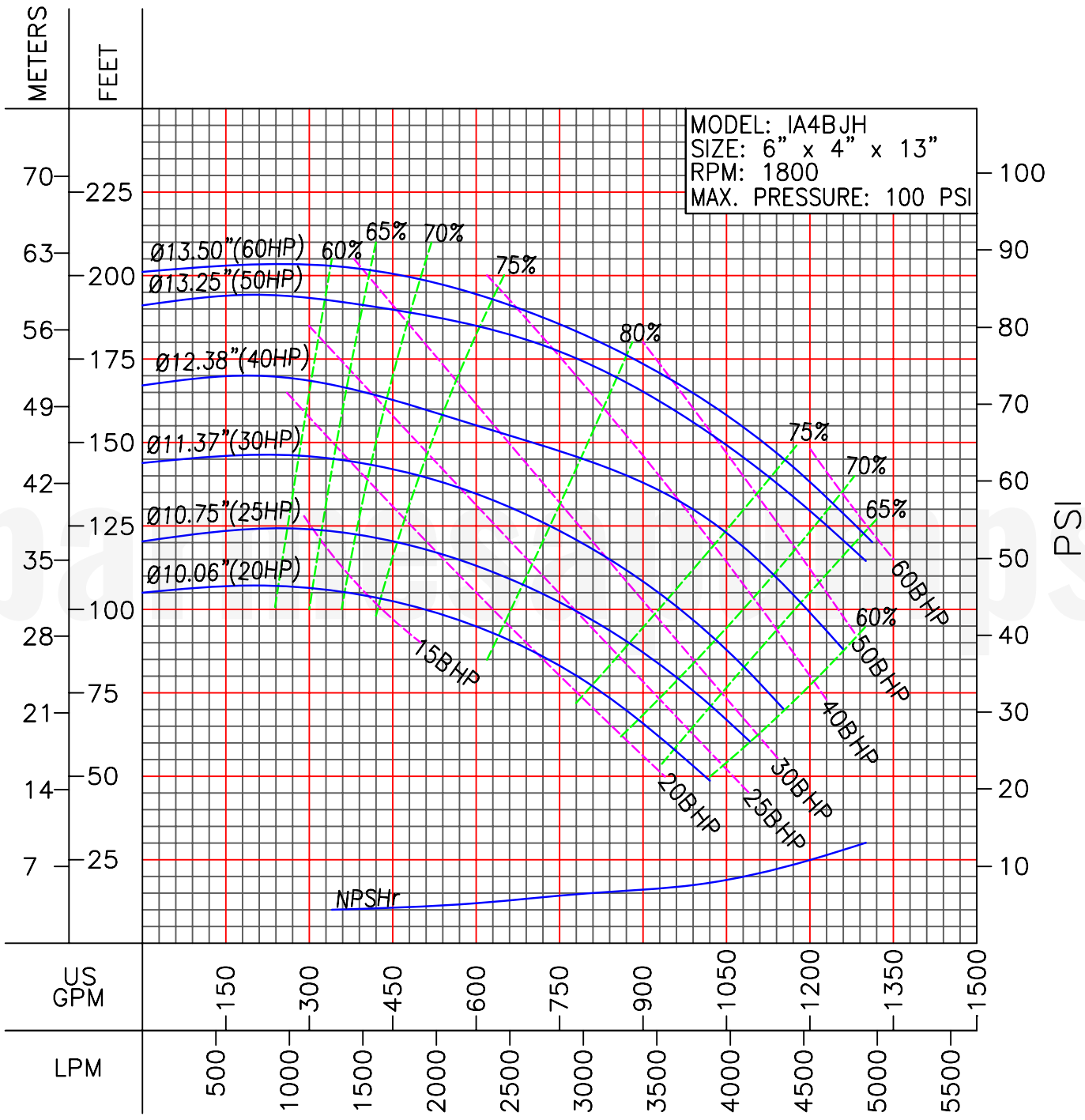
PERFORMANCE CURVES





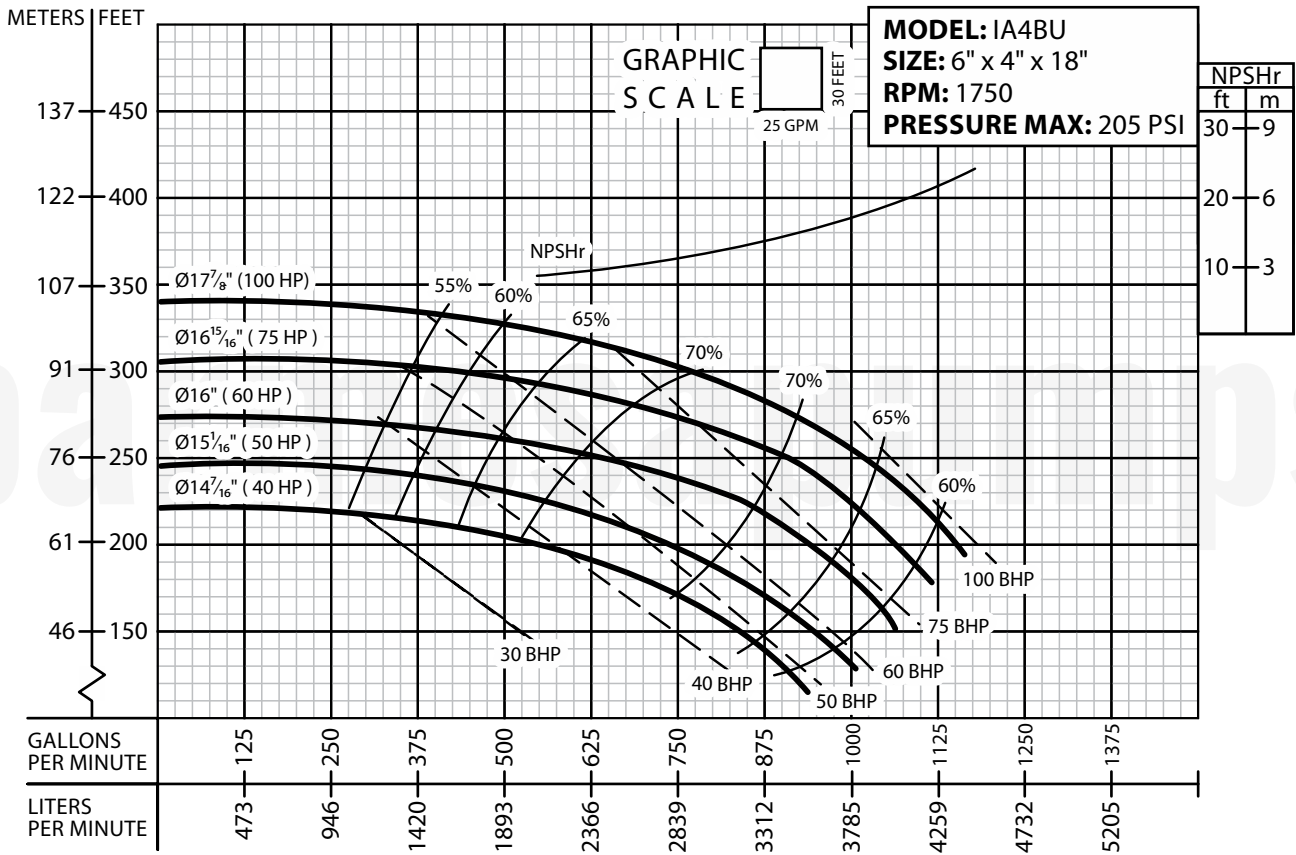
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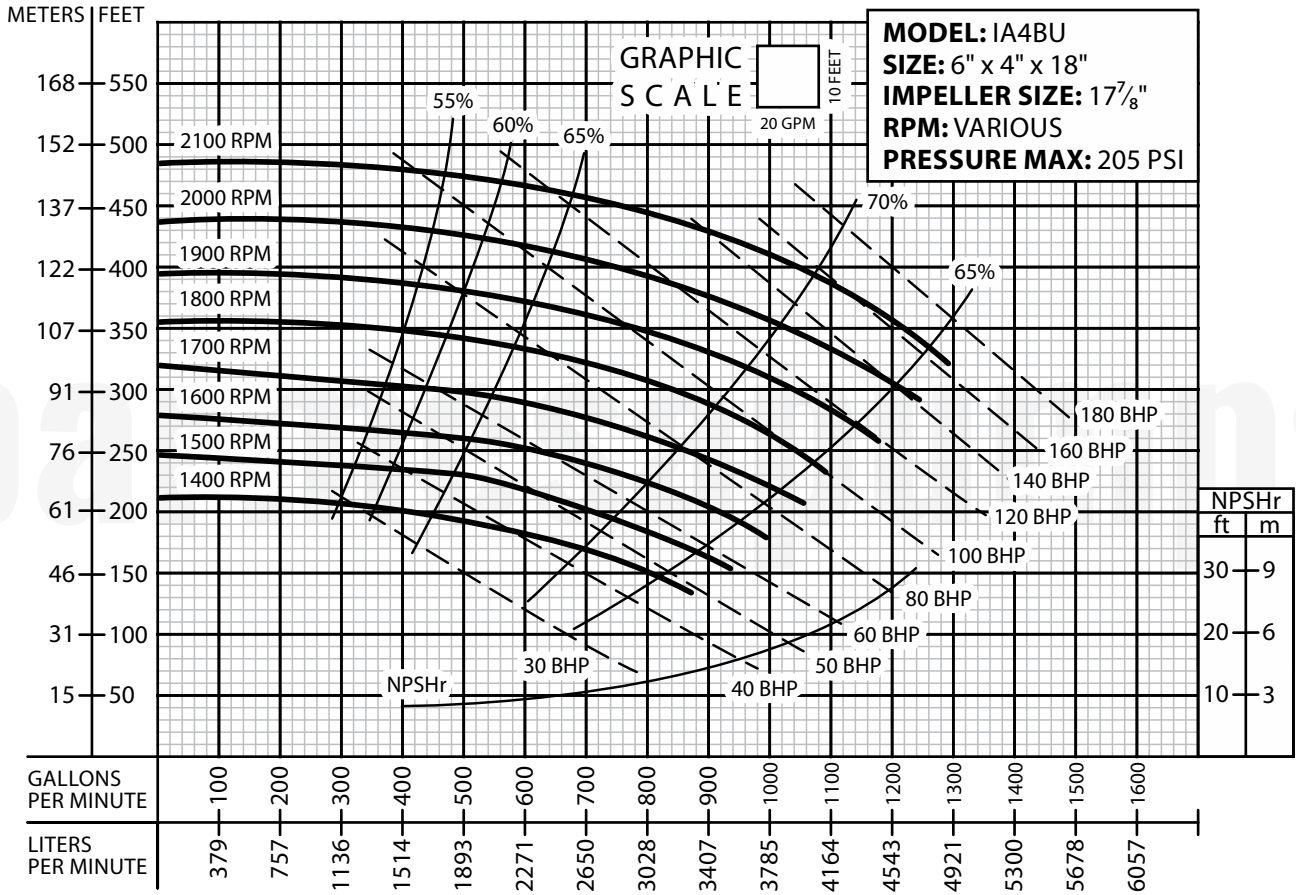
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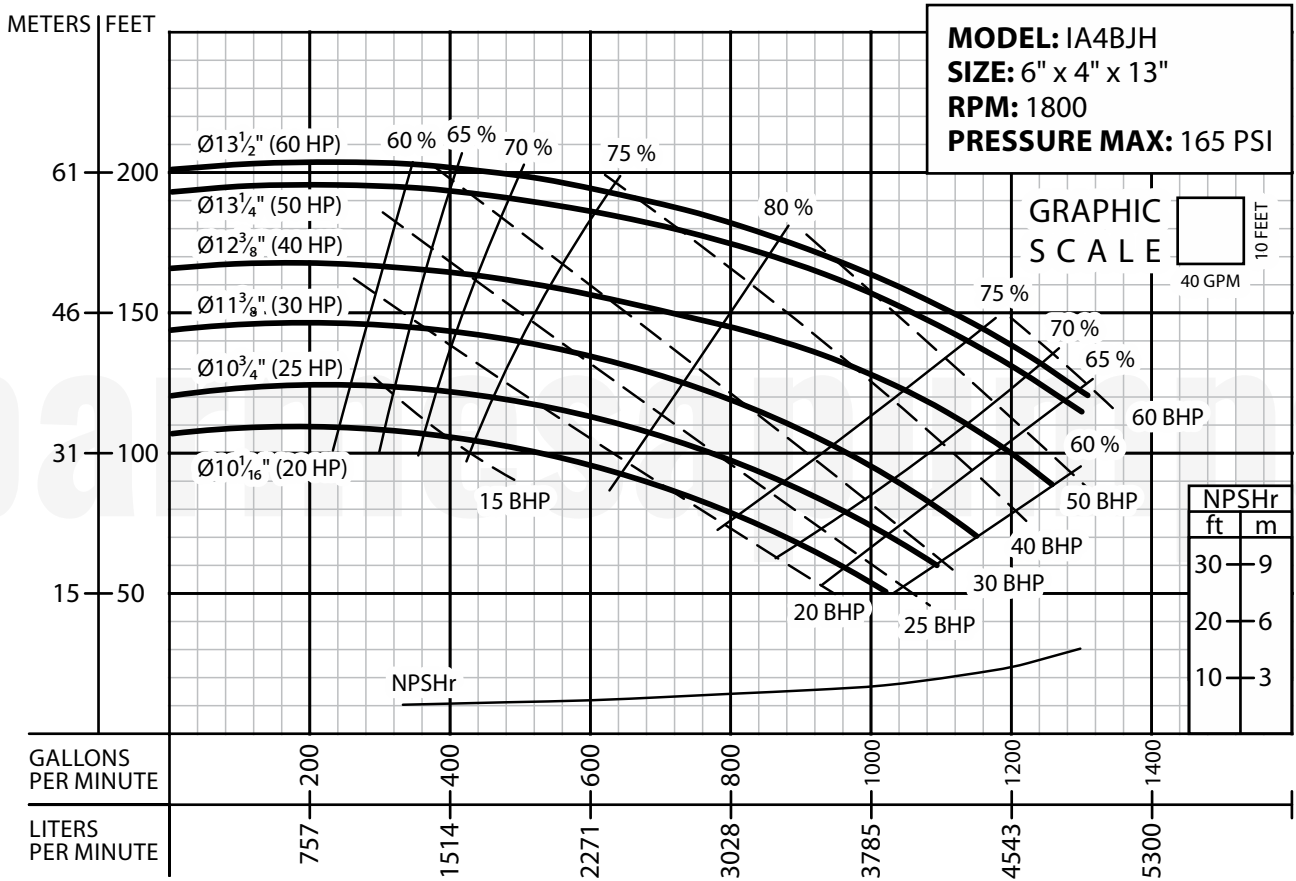
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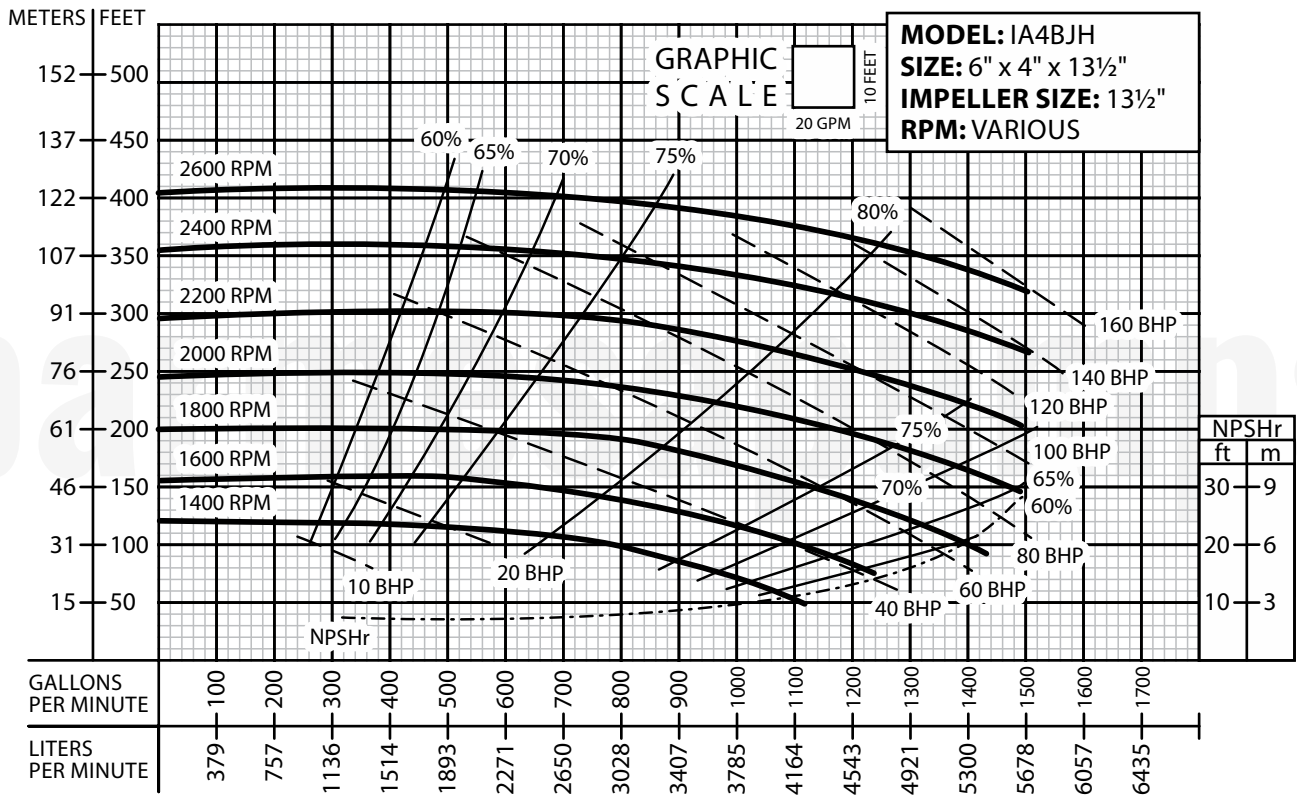
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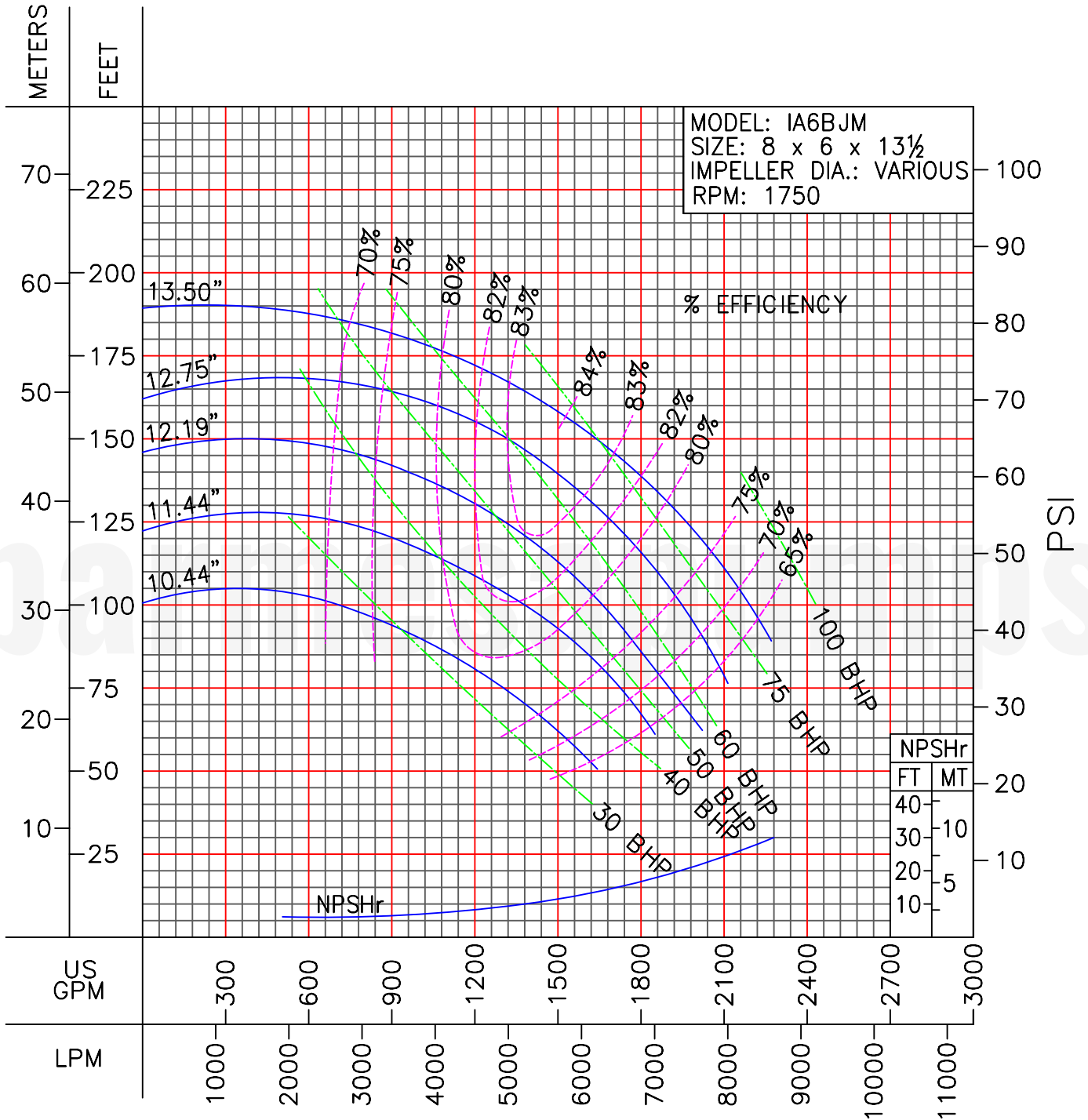
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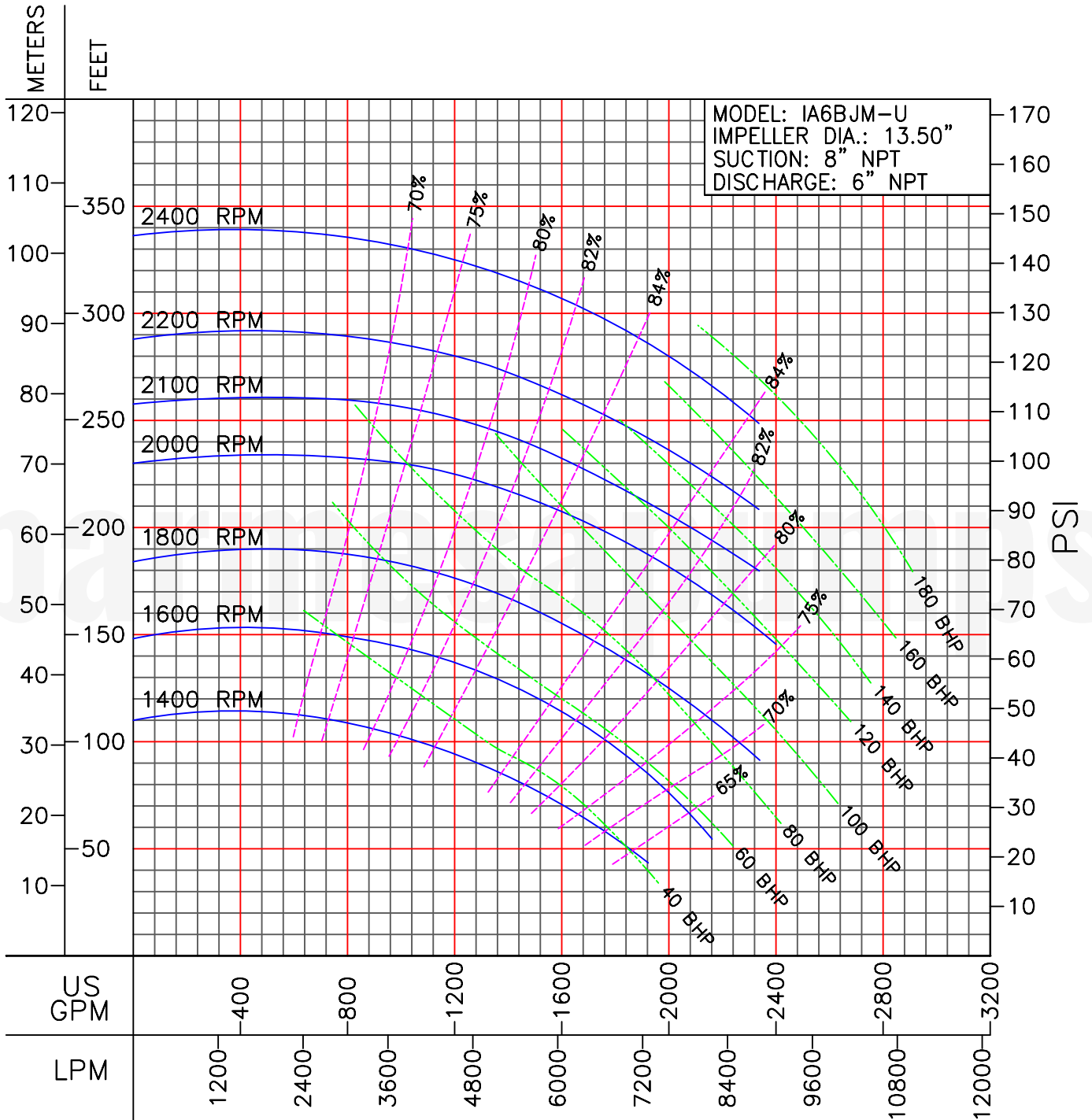
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