

# Lineshaft Turbine Pump Curves

3000 RPM CURVES - 50 CYCLE PERFORMANCE

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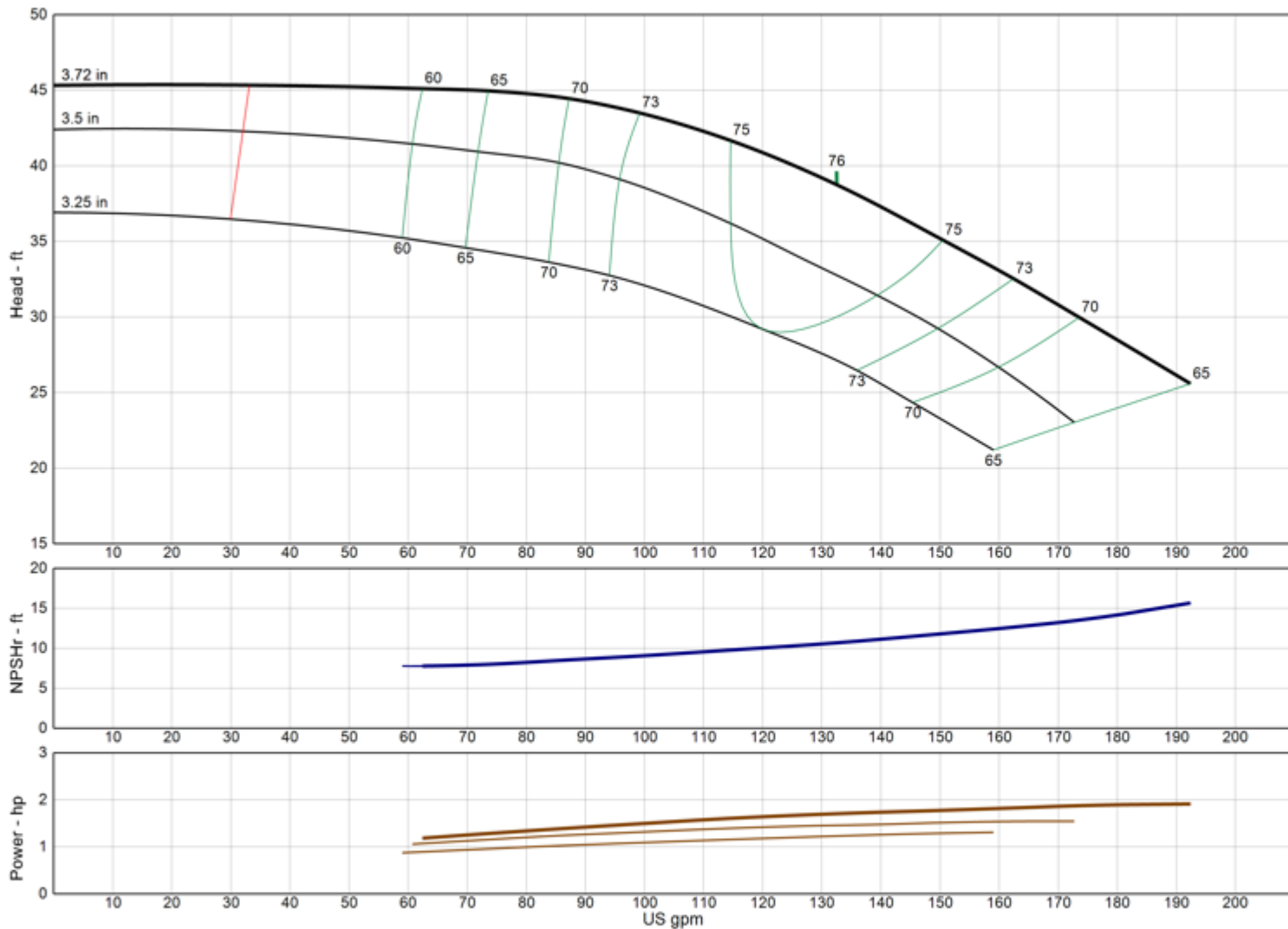
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# MODEL 5CHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>5CHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-4.0
2-STAGE	-3.0
3-STAGE	-1.5
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2185</b>
Thrust K-Factor	<b>1.30 lb/ft</b>
Bowl OD	5.20 in
Bowl Lateral	0.25 in
Max PSI	480 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

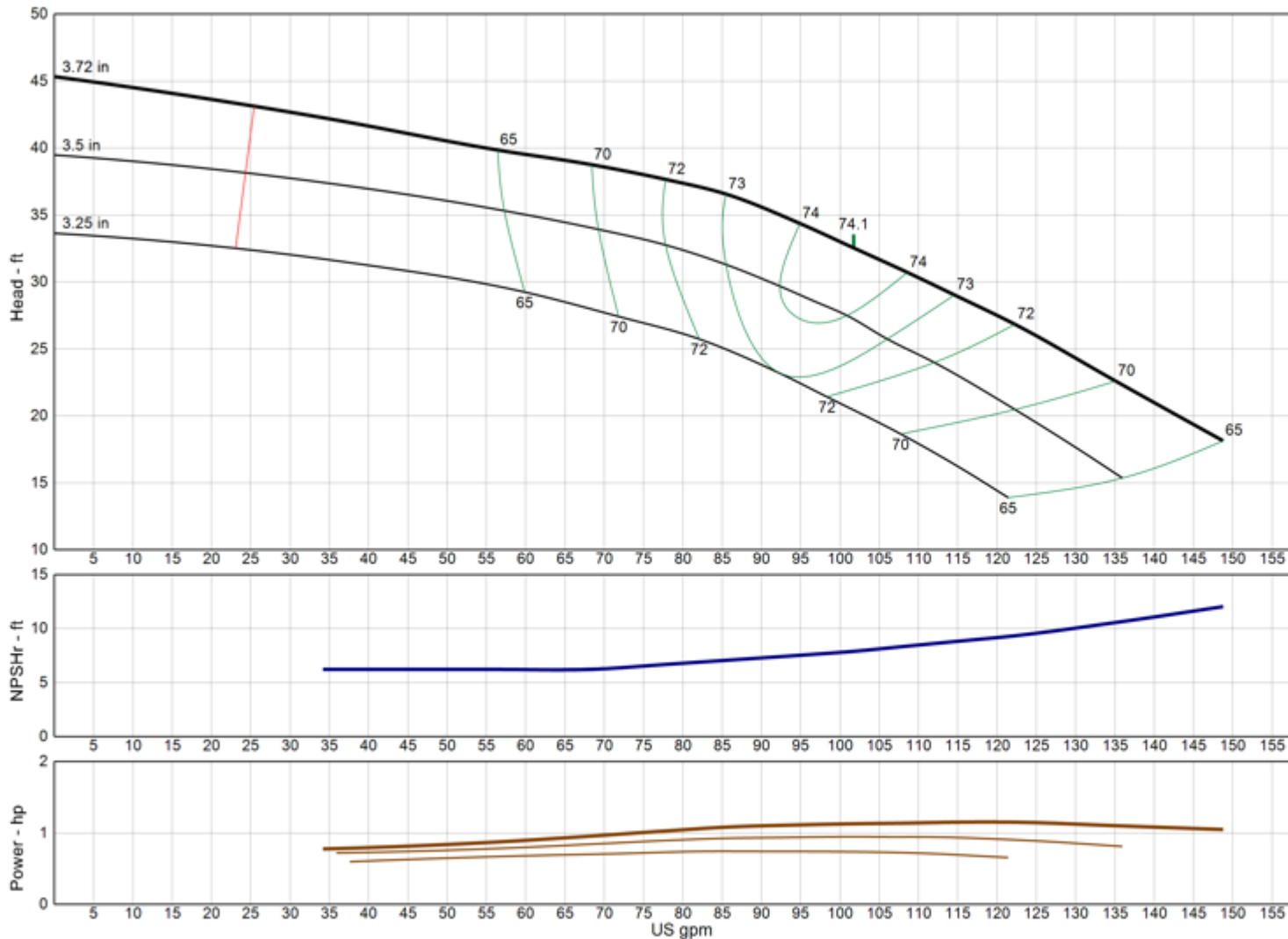
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 5CLC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>5CLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-4.0
2-STAGE	-3.0
3-STAGE	-1.5
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2185</b>
Thrust K-Factor	<b>1.40 lb/ft</b>
Bowl OD	5.20 in
Bowl Lateral	0.25 in
Max PSI	480 psi
Thd Disch Size	3", 4"

**TURBINE OPERATIONS**  
 Lubbock, Texas

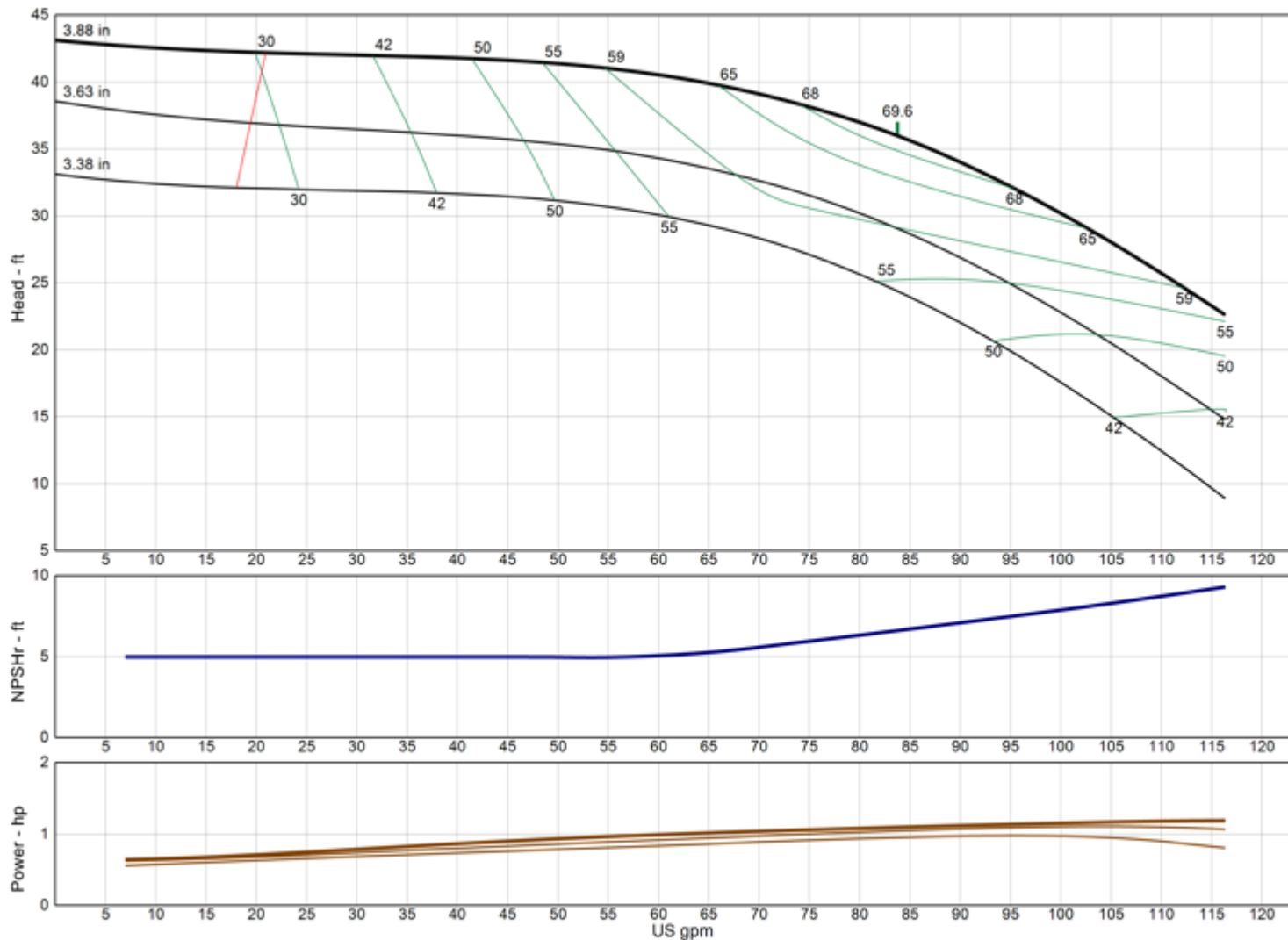
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# MODEL 5RWAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>5RWAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1840
Thrust K-Factor	1.30 lb/ft
Bowl OD	5.20 in
Bowl Lateral	0.50 in
Max PSI	480 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

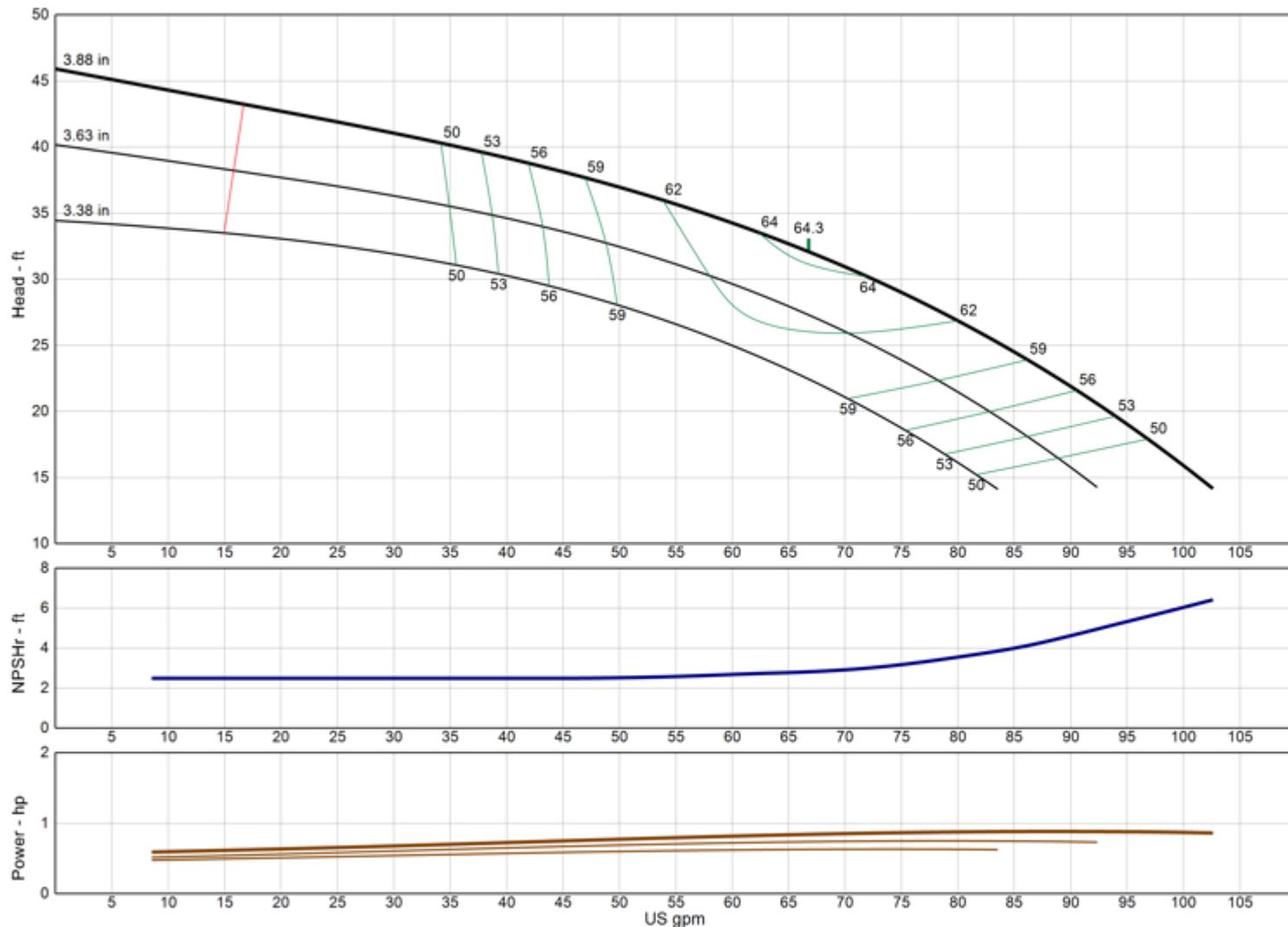
Lubbock, Texas

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# MODEL 5RWALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>5RWALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-4.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1790
Thrust K-Factor	1.30 lb/ft
Bowl OD	5.20 in
Bowl Lateral	0.50 in
Max PSI	480 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

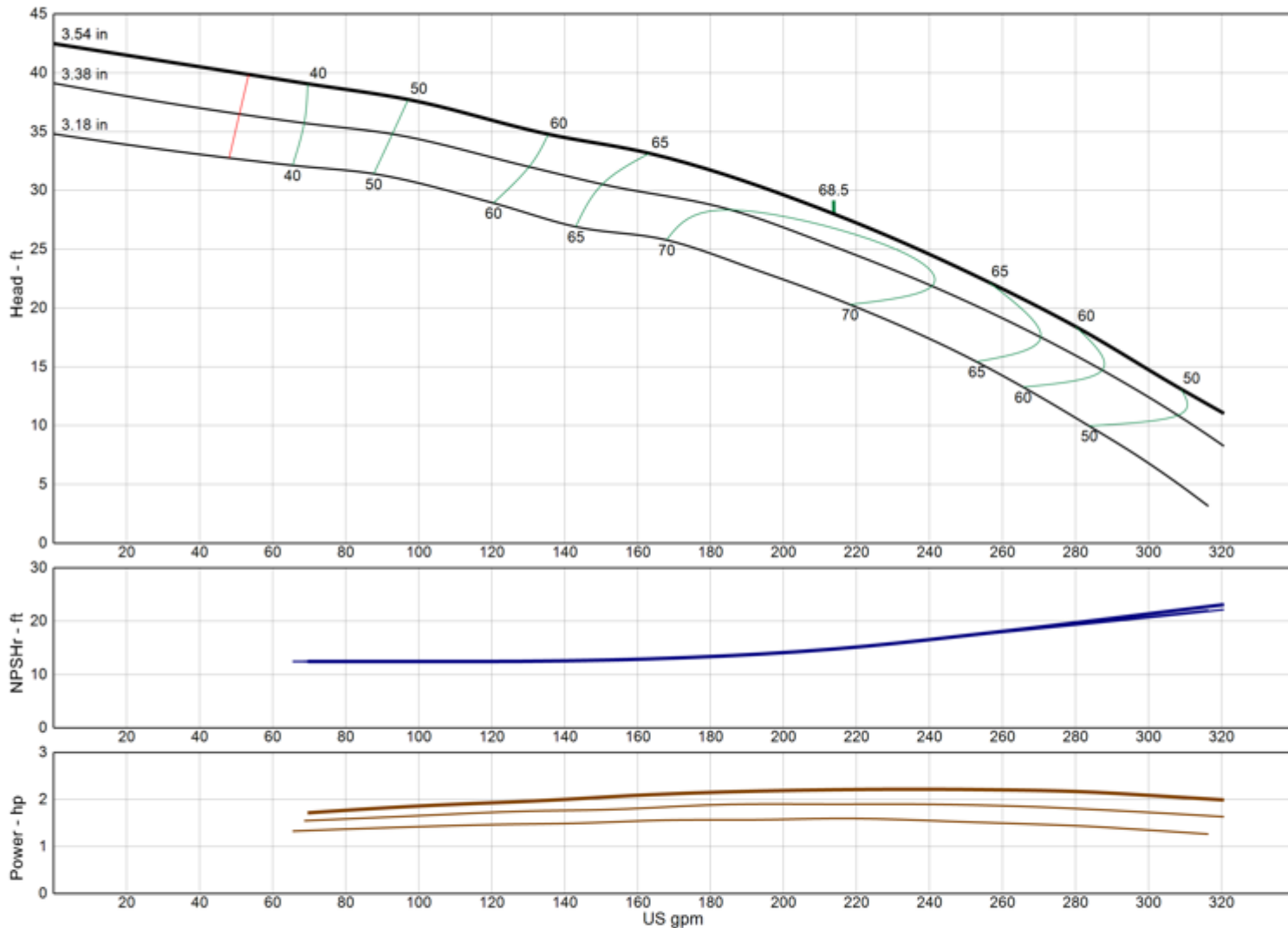
Lubbock, Texas

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# MODEL 5THC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>5THC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	3545
Thrust K-Factor	2.36 lb/ft
Bowl OD	5.13 in
Bowl Lateral	0.25 in
Max PSI	480 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

Lubbock, Texas

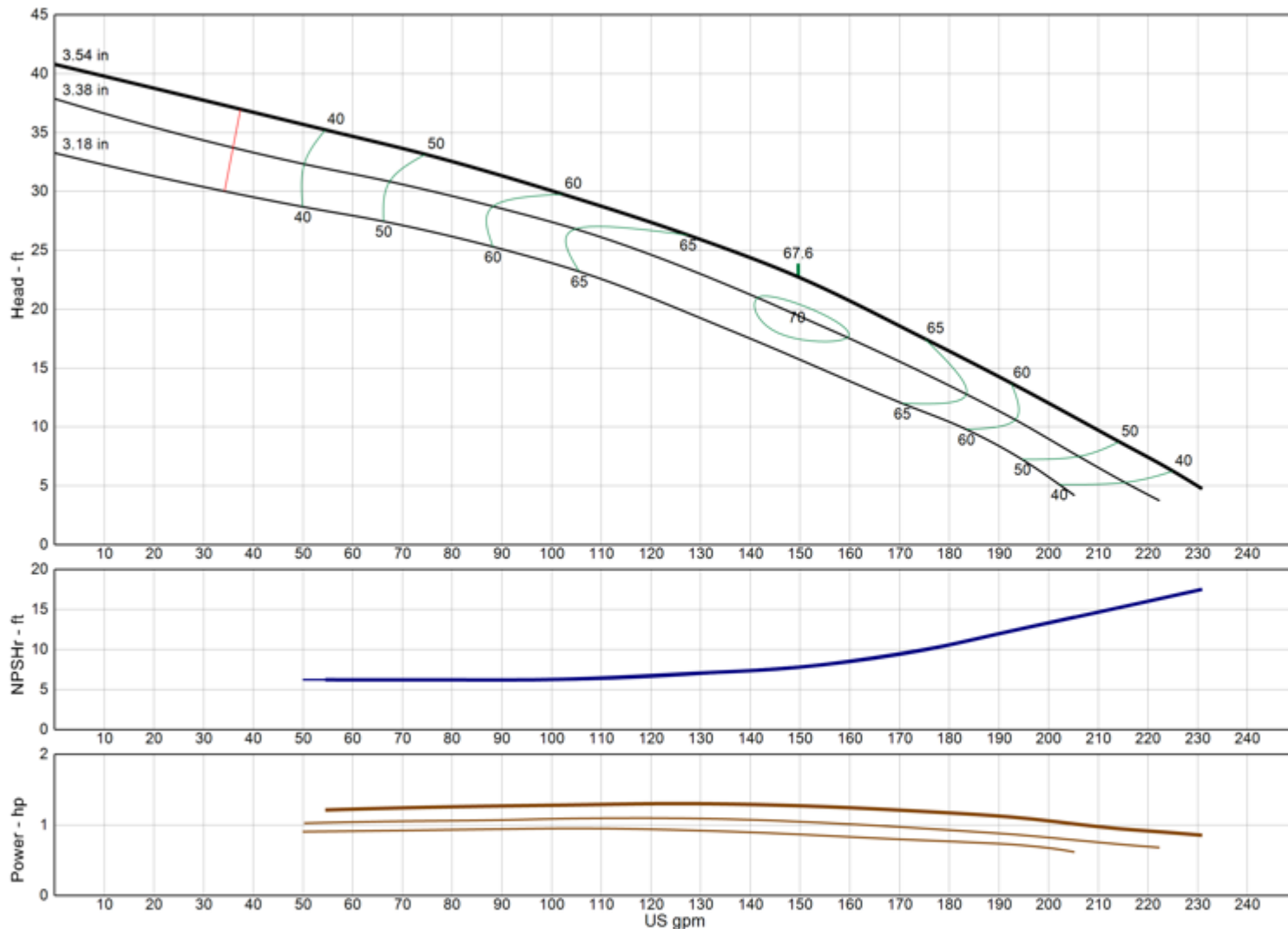
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# MODEL 5TLC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>5TLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>3465</b>
Thrust K-Factor	<b>2.36 lb/ft</b>
Bowl OD	5.13 in
Bowl Lateral	0.25 in
Max PSI	480 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

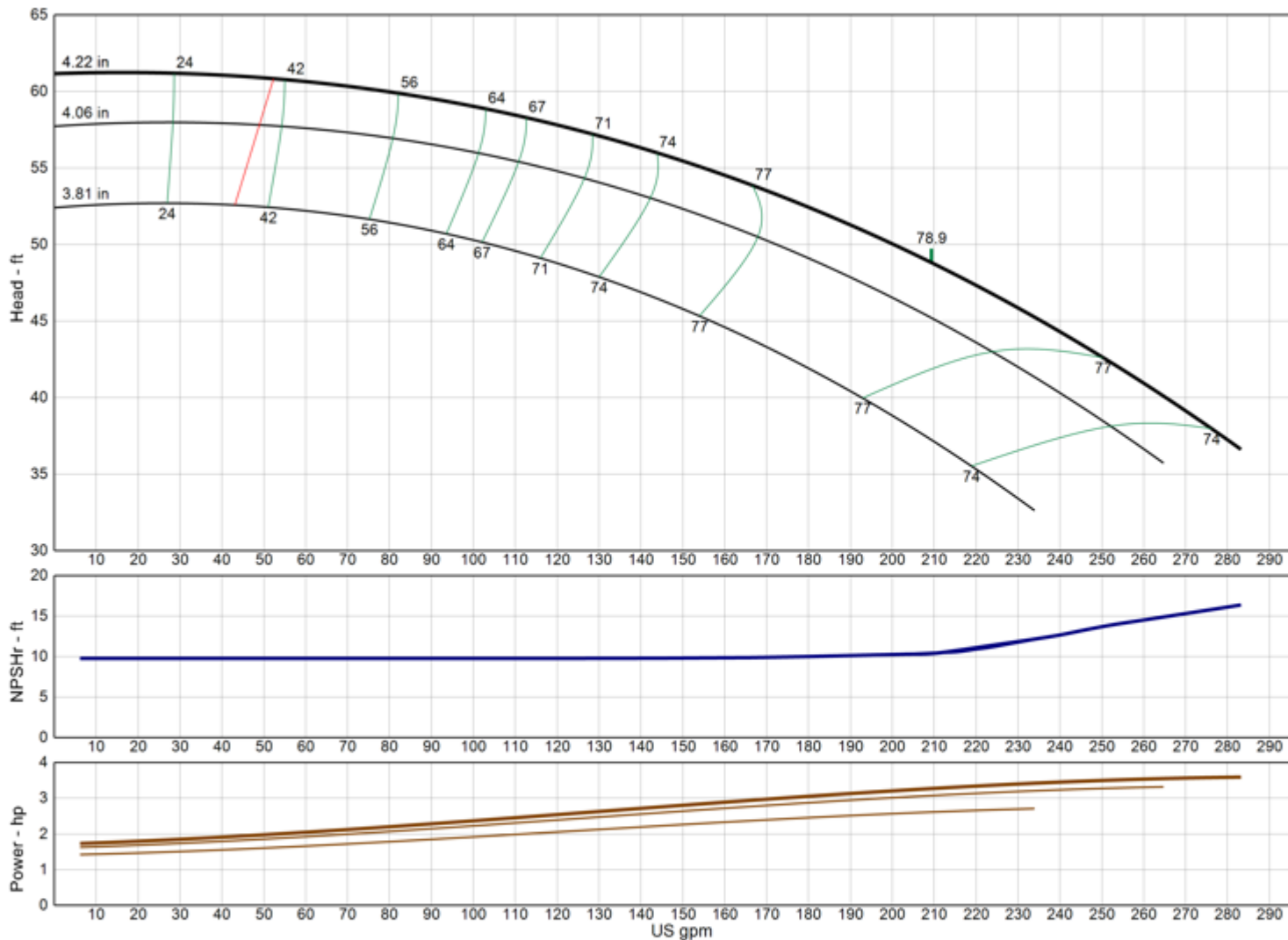
Lubbock, Texas

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# MODEL 6CHC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>6CHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	2310
Thrust K-Factor	2.10 lb/ft
Bowl OD	5.88 in
Bowl Lateral	0.25 in
Max PSI	450 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

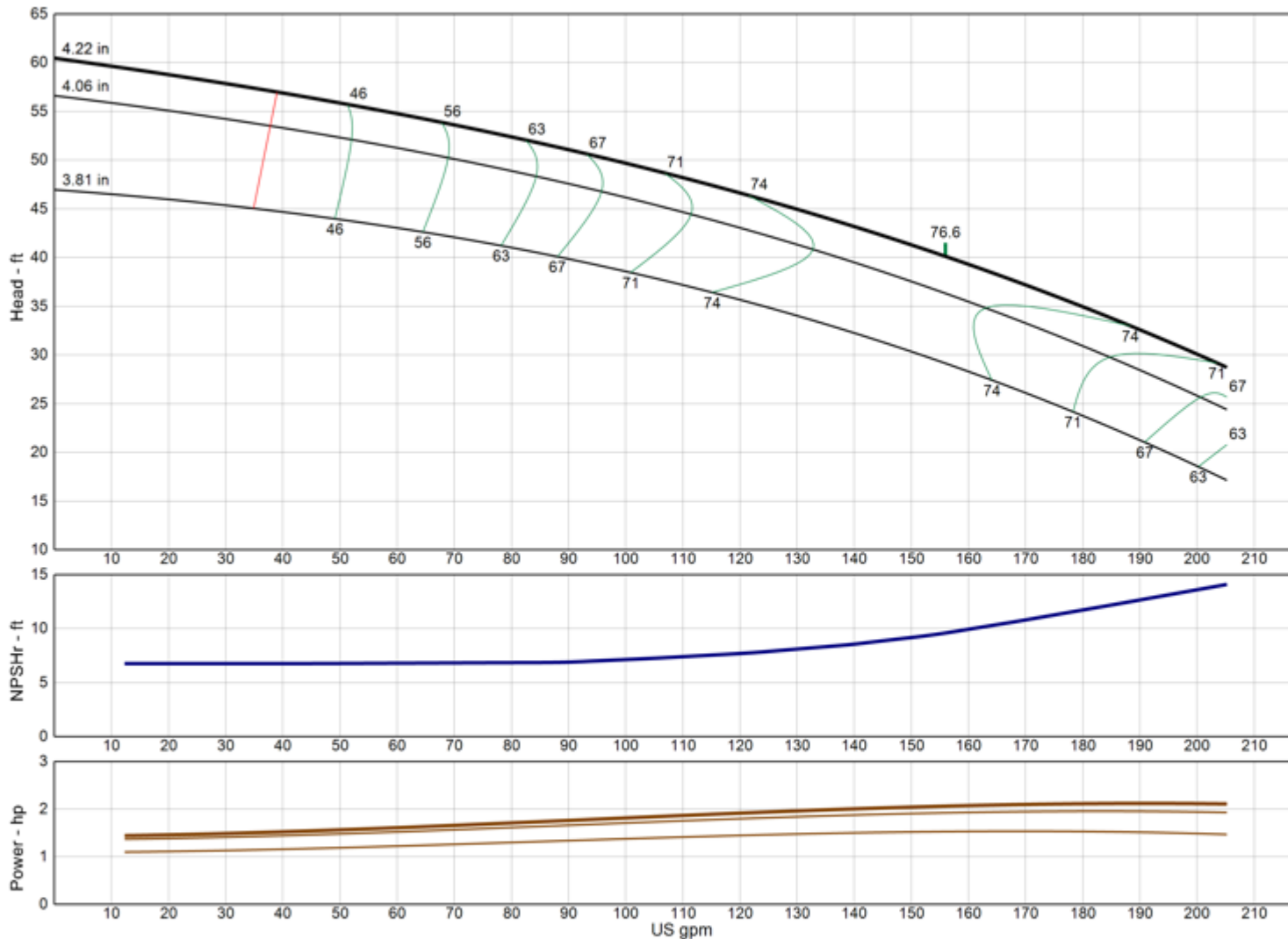
Lubbock, Texas

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# MODEL 6CLC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>6CLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	2310
Thrust K-Factor	2.10 lb/ft
Bowl OD	5.88 in
Bowl Lateral	0.25 in
Max PSI	450 psi
Thd Disch Size	3", 4"

**TURBINE OPERATIONS**  
 Lubbock, Texas

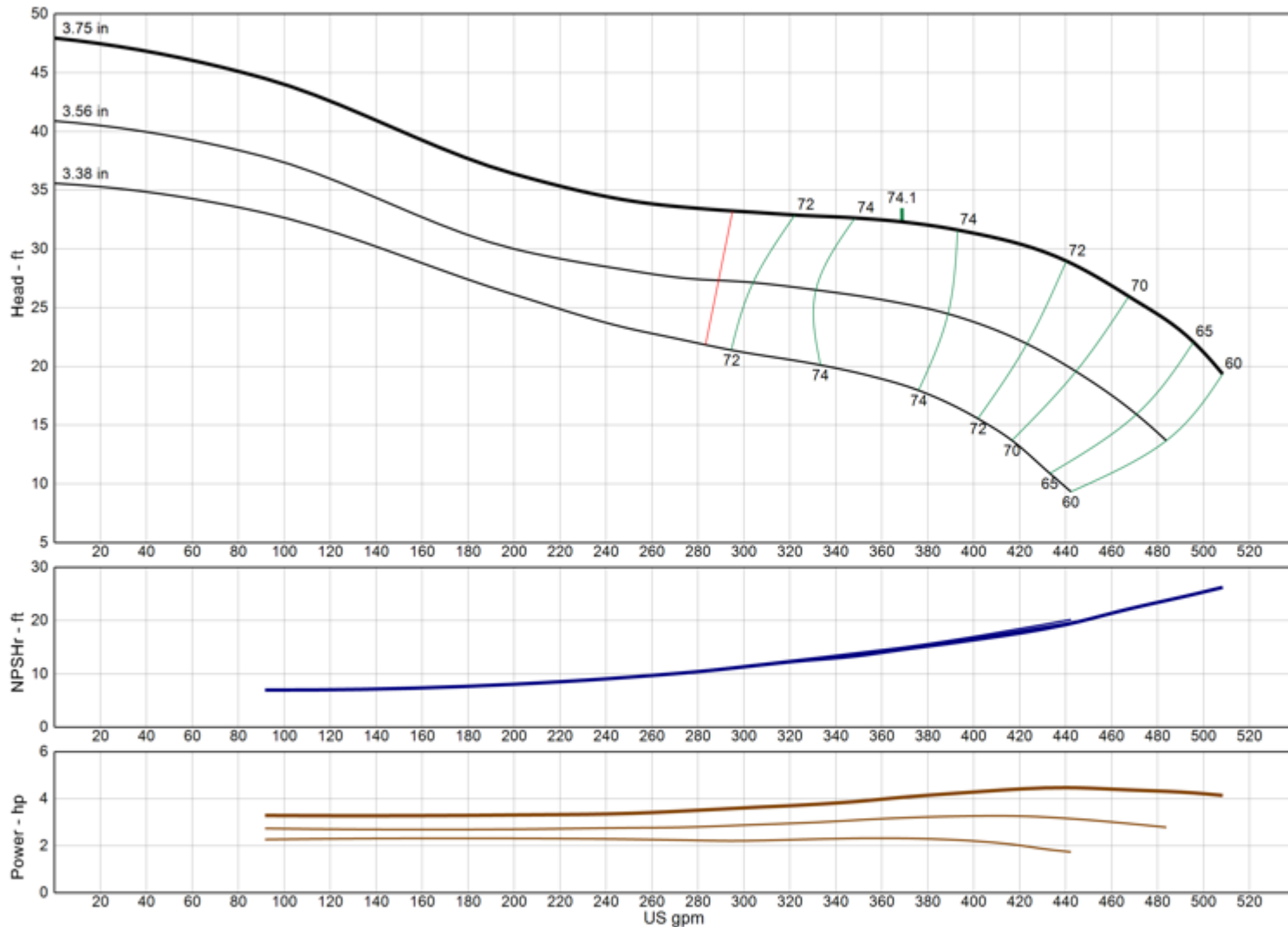
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# MODEL 6DHHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>6DHHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>4180</b>
Thrust K-Factor	<b>5.60 lb/ft</b>
Bowl OD	5.50 in
Bowl Lateral	0.56 in
Max PSI	530 psi
Thd Disch Size	4", 5"

### TURBINE OPERATIONS

Lubbock, Texas

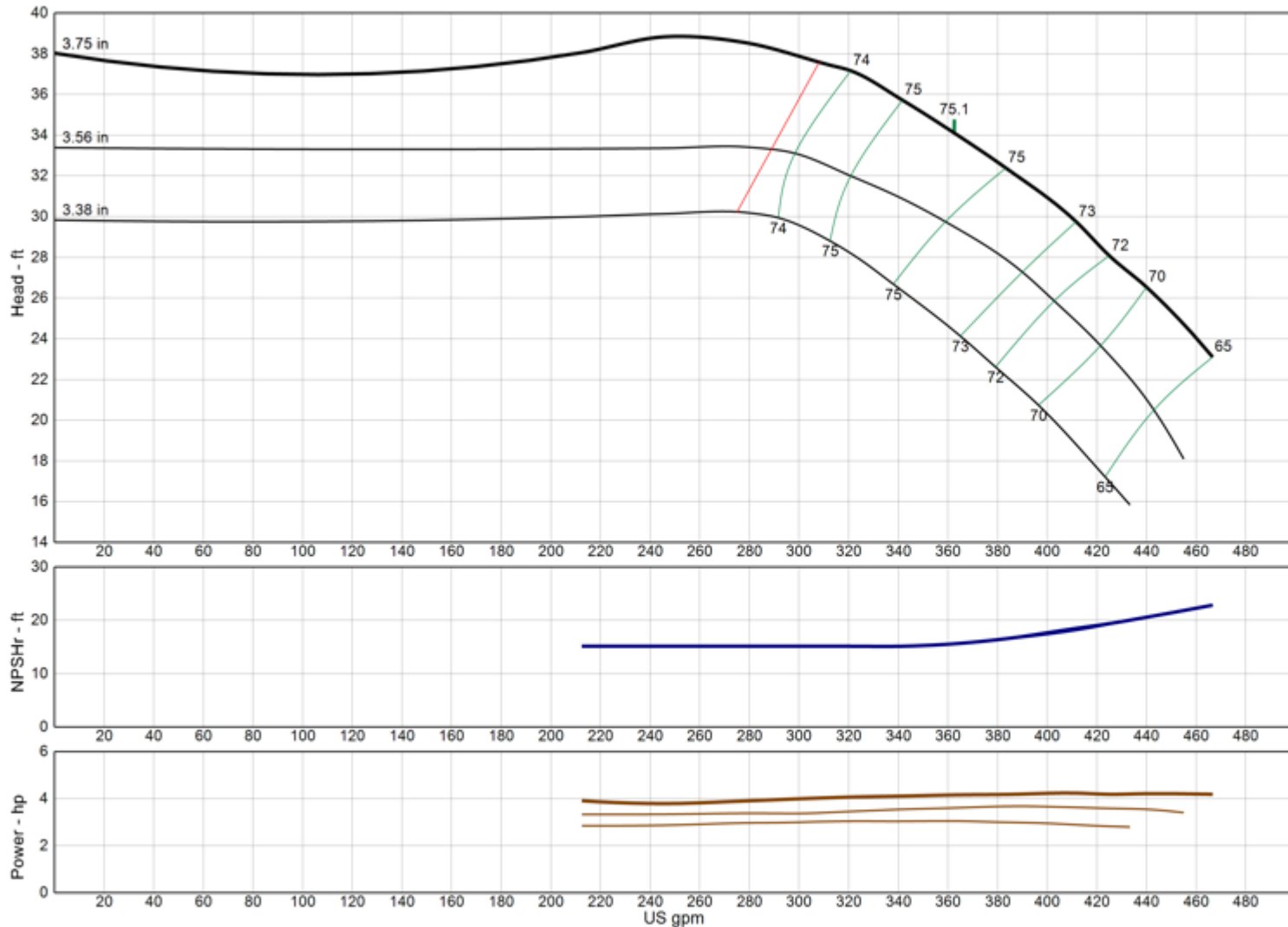
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# MODEL 6DHHO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>6DHHO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Open
Ns	3980
Thrust K-Factor	5.60 lb/ft
Bowl OD	5.50 in
Bowl Lateral	0.56 in
Max PSI	530 psi
Thd Disch Size	4", 5"

### TURBINE OPERATIONS

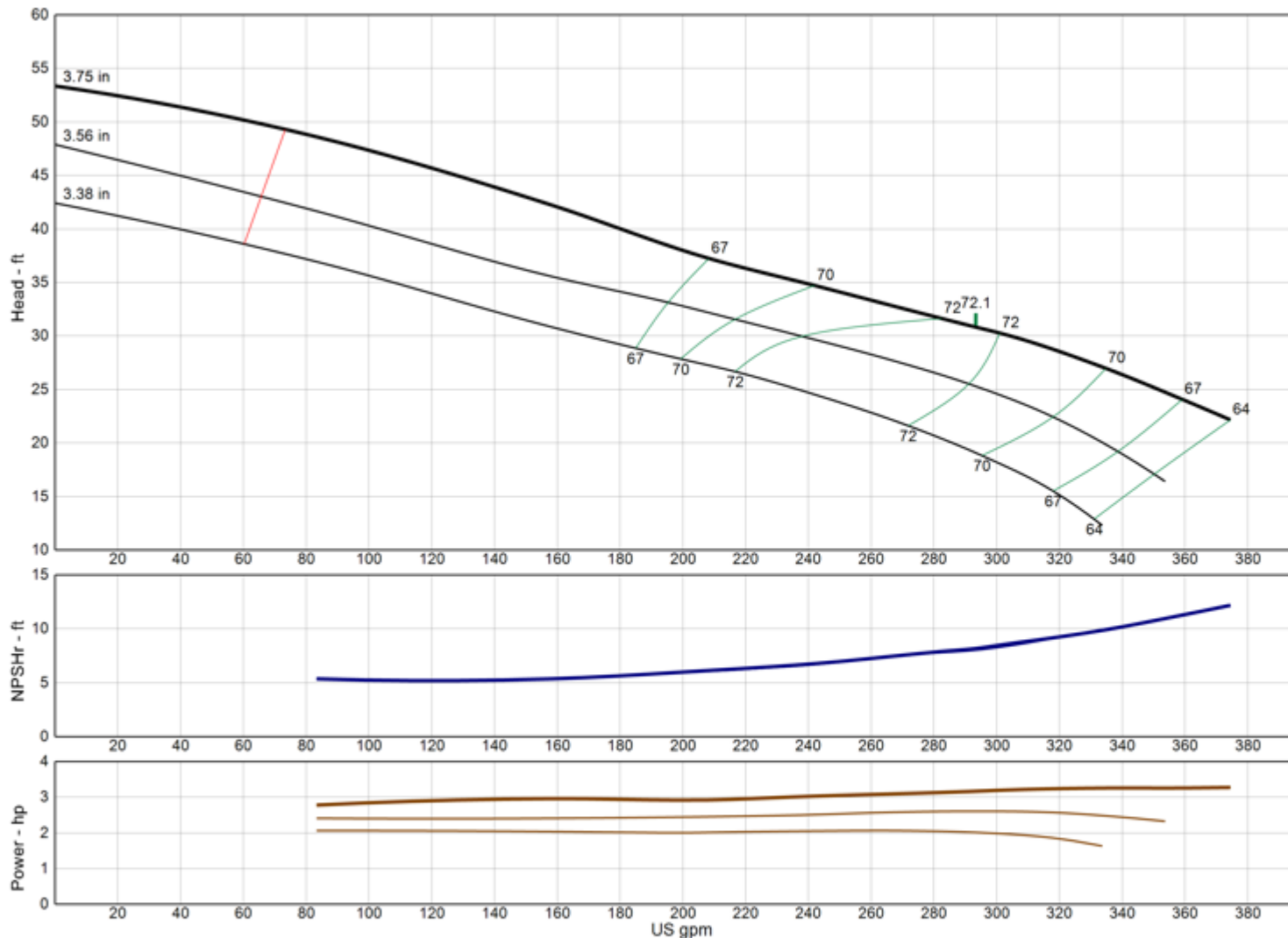
Lubbock, Texas

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# MODEL 6DHLC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>6DHLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>3860</b>
Thrust K-Factor	<b>5.60 lb/ft</b>
Bowl OD	5.50 in
Bowl Lateral	0.56 in
Max PSI	530 psi
Thd Disch Size	4", 5"

### TURBINE OPERATIONS

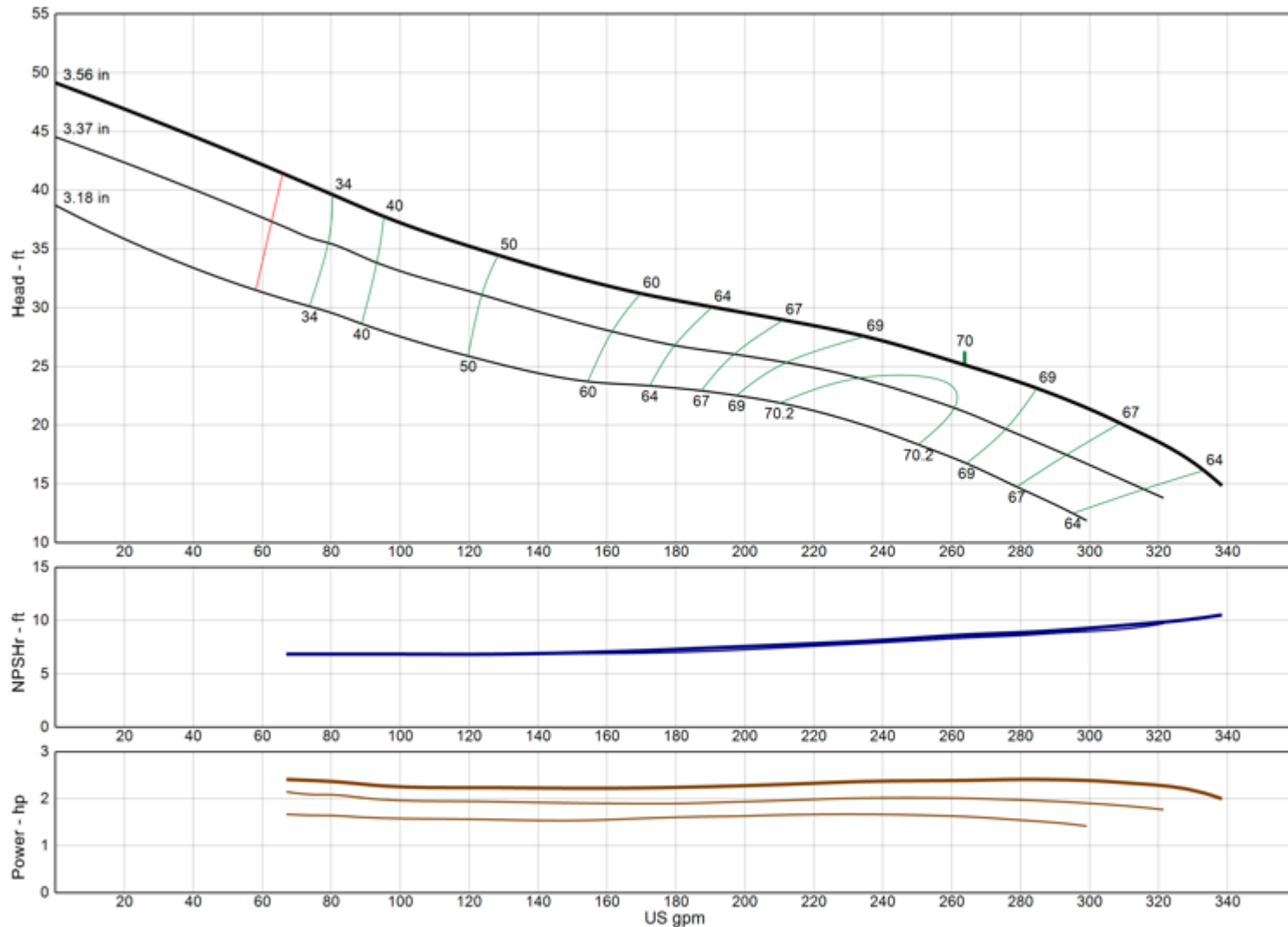
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 6DHLO

(Effective July 17, 2019)

## Vertical Turbine Pump



**Model** 6DHLO

**RPM** 2950

Freq | Poles 50 Hz | 2-pole

Pump Type Lineshaft

**EFFICIENCY CORRECTION**

1-STAGE -3.0

2-STAGE -2.0

3-STAGE -1.0

4-STAGE 0.0

Impeller Type **Open**

Ns **4270**

Thrust K-Factor **5.60 lb/ft**

Bowl OD 5.50 in

Bowl Lateral 0.56 in

Max PSI 530 psi

Thd Disch Size 4", 5"

**TURBINE OPERATIONS**

Lubbock, Texas

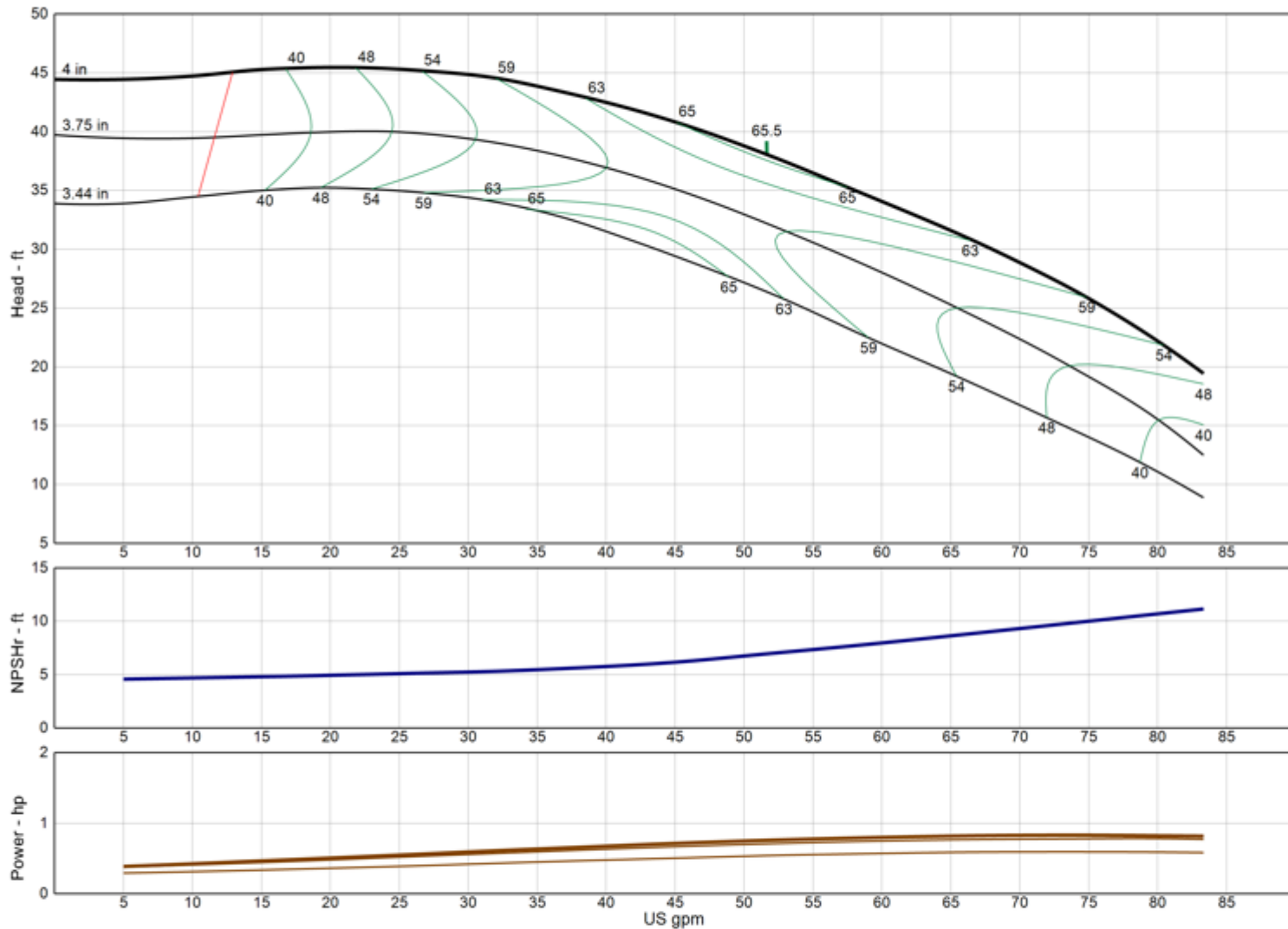
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# MODEL 6RAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>6RAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>1385</b>
Thrust K-Factor	<b>1.18 lb/ft</b>
Bowl OD	5.50 in
Bowl Lateral	0.25 in
Max PSI	540 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

Lubbock, Texas

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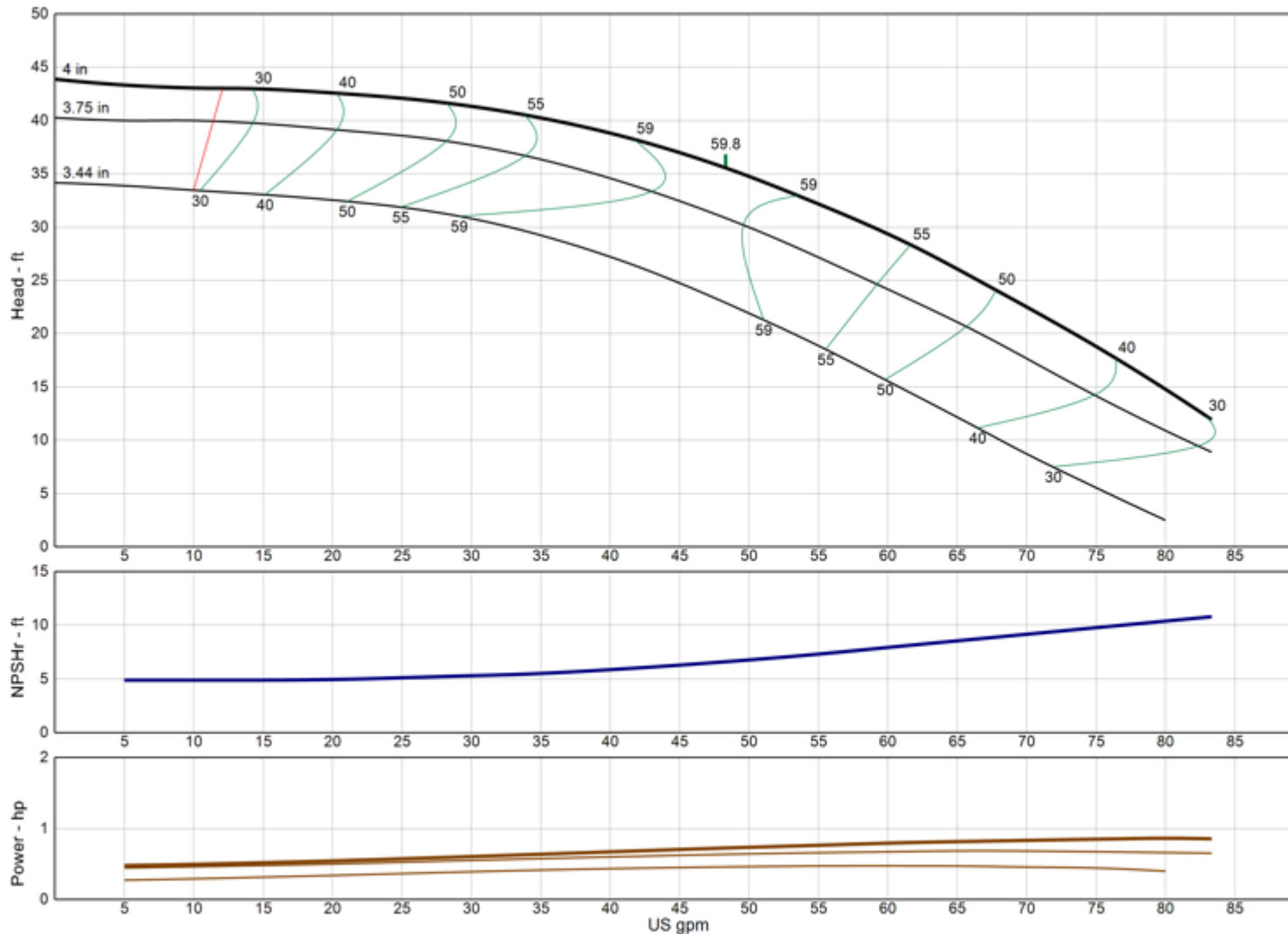




# MODEL 6RALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>6RALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1410
Thrust K-Factor	1.18 lb/ft
Bowl OD	5.50 in
Bowl Lateral	0.25 in
Max PSI	540 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

Lubbock, Texas

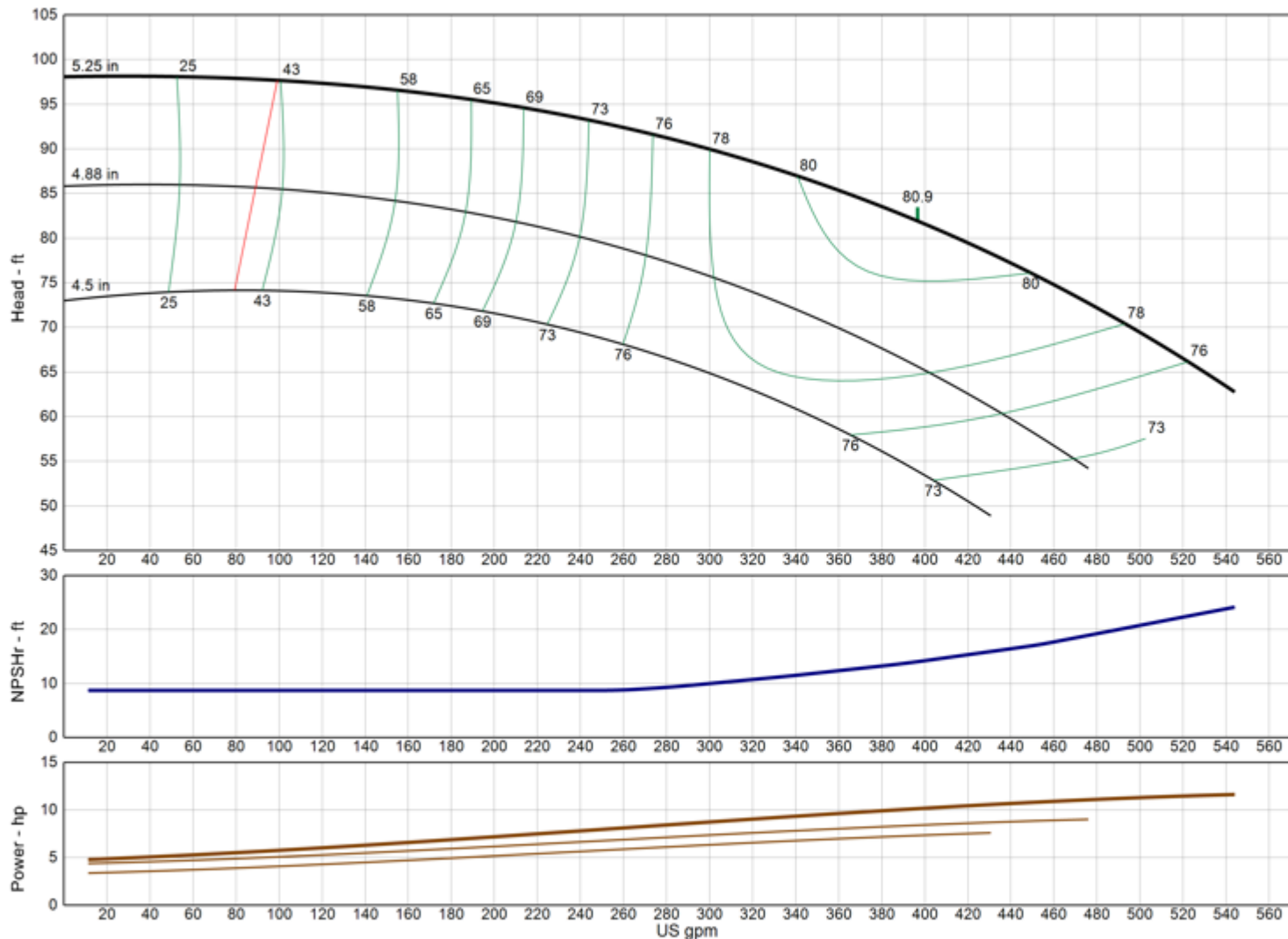
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.



# MODEL 7CHC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7CHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	2160
Thrust K-Factor	3.50 lb/ft
Bowl OD	7.13 in
Bowl Lateral	0.50 in
Max PSI	350 psi
Thd Disch Size	4", 5", 6"

**TURBINE OPERATIONS**  
 Lubbock, Texas

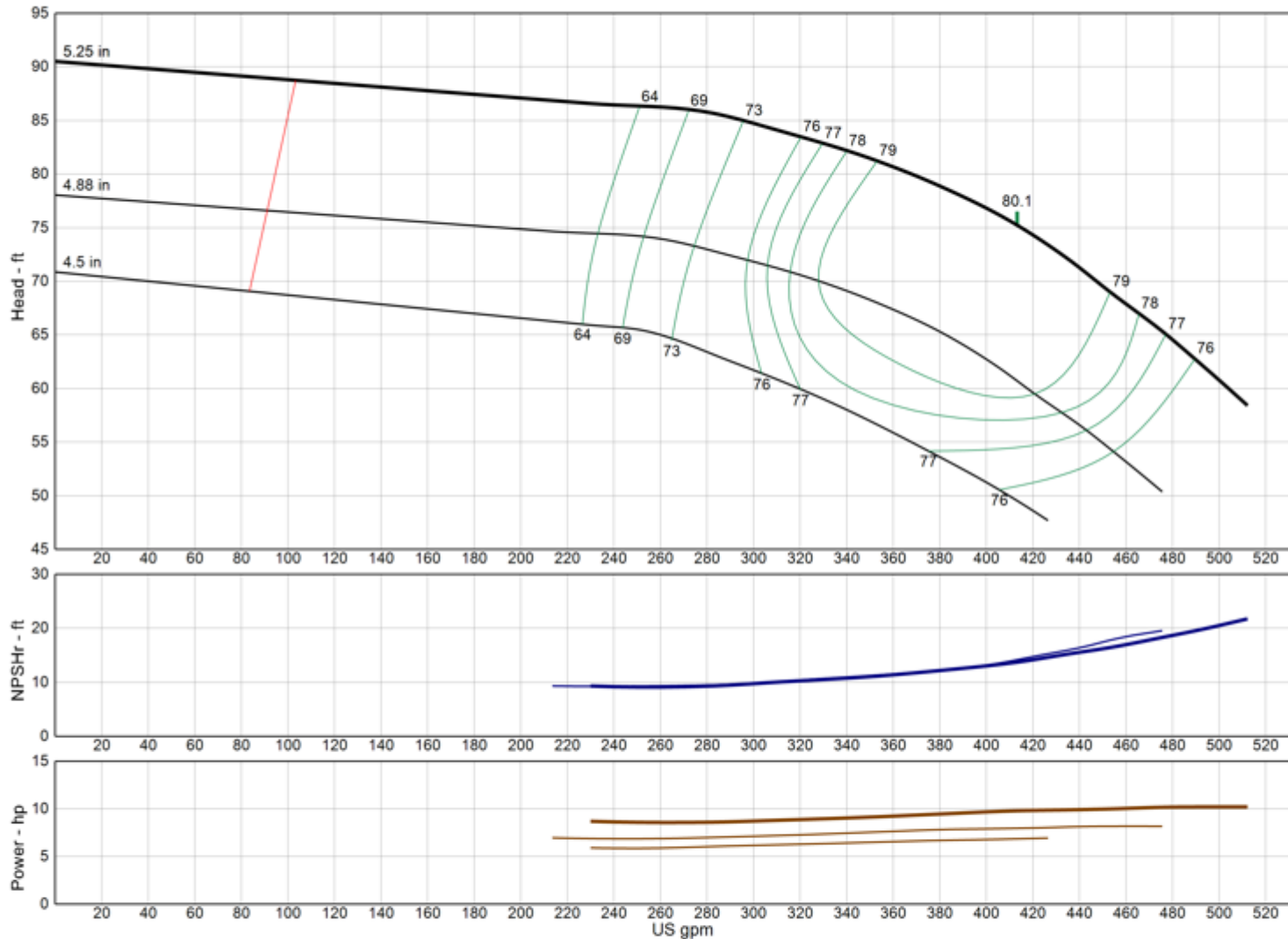
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.



# MODEL 7CHO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7CHO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	Open
Ns	2350
Thrust K-Factor	3.80 lb/ft
Bowl OD	7013.00 in
Bowl Lateral	0.50 in
Max PSI	350 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

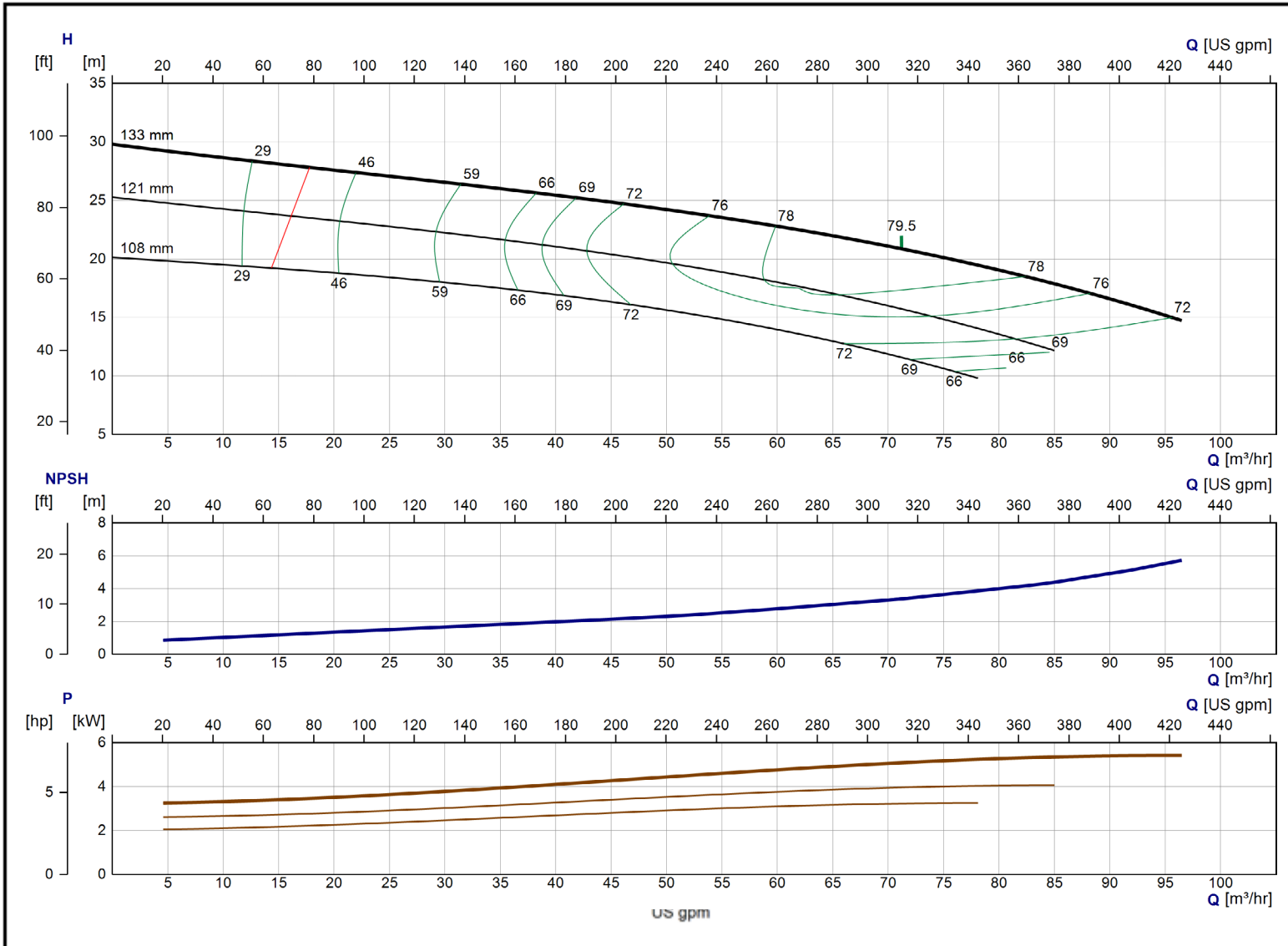
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 7CLC

(Effective January 11, 2022)

## Vertical Turbine Pump



<b>Model</b>	<b>7CLC</b>
<b>RPM</b>	<b>2950</b>
<b>Freq   Poles</b>	<b>50 Hz   2-pole</b>
<b>Pump Type</b>	<b>Lineshaft</b>
<b>EFFICIENCY CORRECTION</b>	
<b>1-STAGE</b>	<b>-2.0</b>
<b>2-STAGE</b>	<b>-1.0</b>
<b>3-STAGE</b>	<b>0.0</b>
<b>4-STAGE</b>	<b>0.0</b>
<b>Impeller Type</b>	<b>Enclosed</b>
<b>Ns</b>	<b>2105</b>
<b>Thrust K-Factor</b>	<b>3.50 lb/ft</b>
<b>Bowl OD</b>	<b>7.13 in</b>
<b>Bowl Lateral</b>	<b>0.50 in</b>
<b>Max PSI</b>	<b>350 psi</b>
<b>Thd Disch Size</b>	<b>4", 5", 6"</b>

**TURBINE OPERATIONS**  
Lubbock, Texas

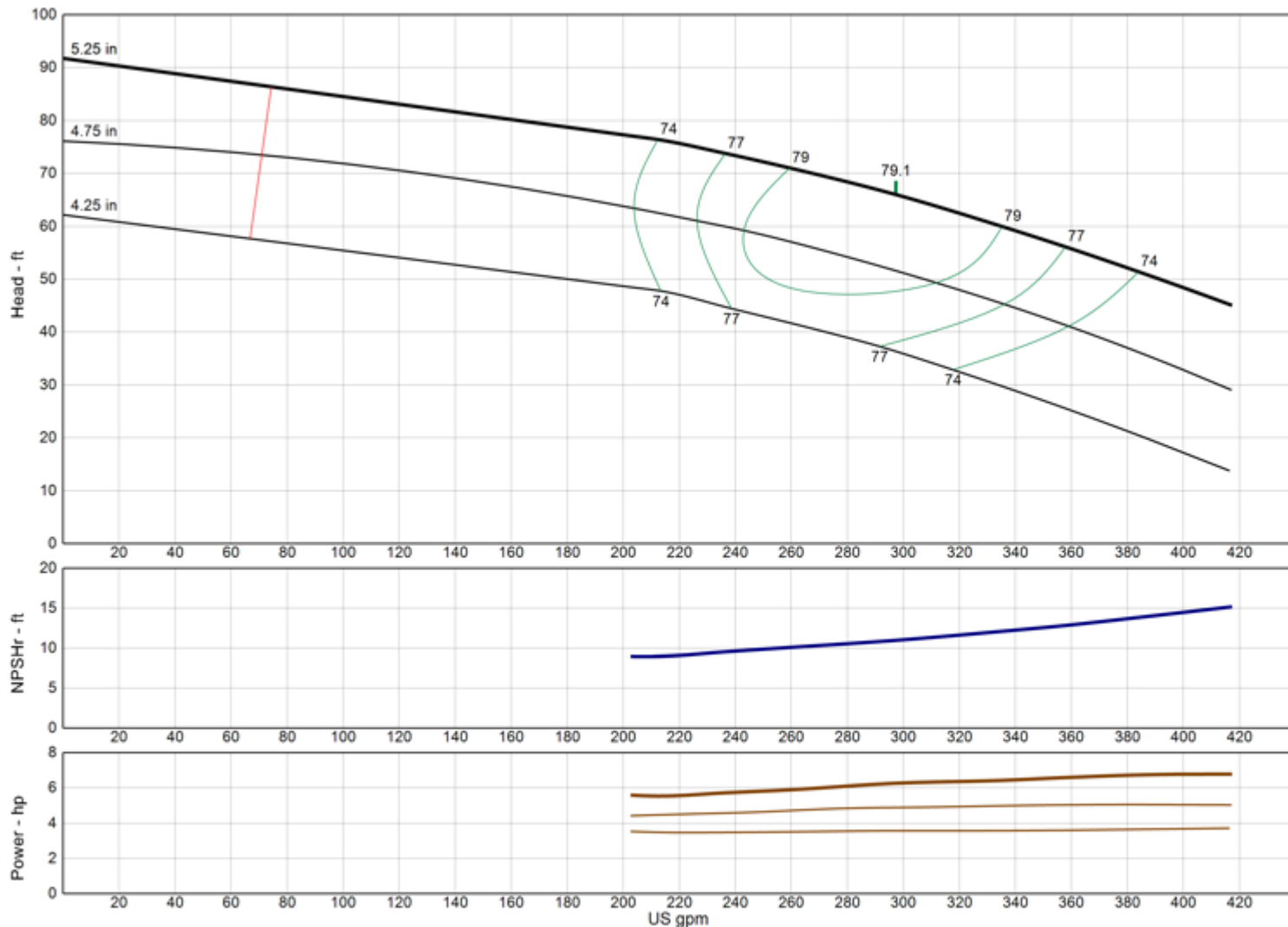
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.



# MODEL 7CLO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7CLO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	<b>Open</b>
Ns	<b>2195</b>
Thrust K-Factor	<b>3.80 lb/ft</b>
Bowl OD	7.13 in
Bowl Lateral	0.50 in
Max PSI	350 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

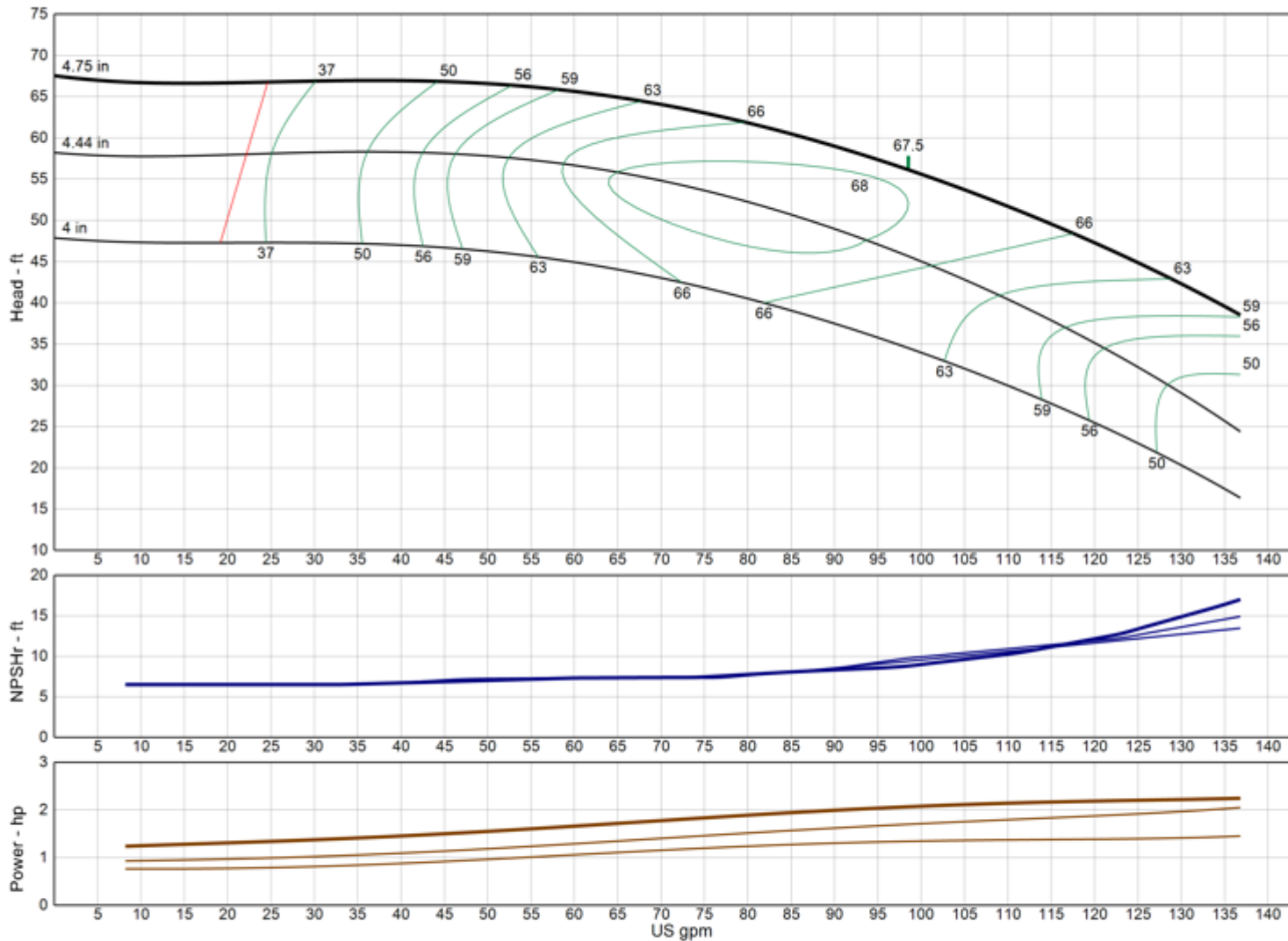
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 7RAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7RAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1425
Thrust K-Factor	1.61 lb/ft
Bowl OD	7.50 in
Bowl Lateral	0.25 in
Max PSI	410 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

Lubbock, Texas

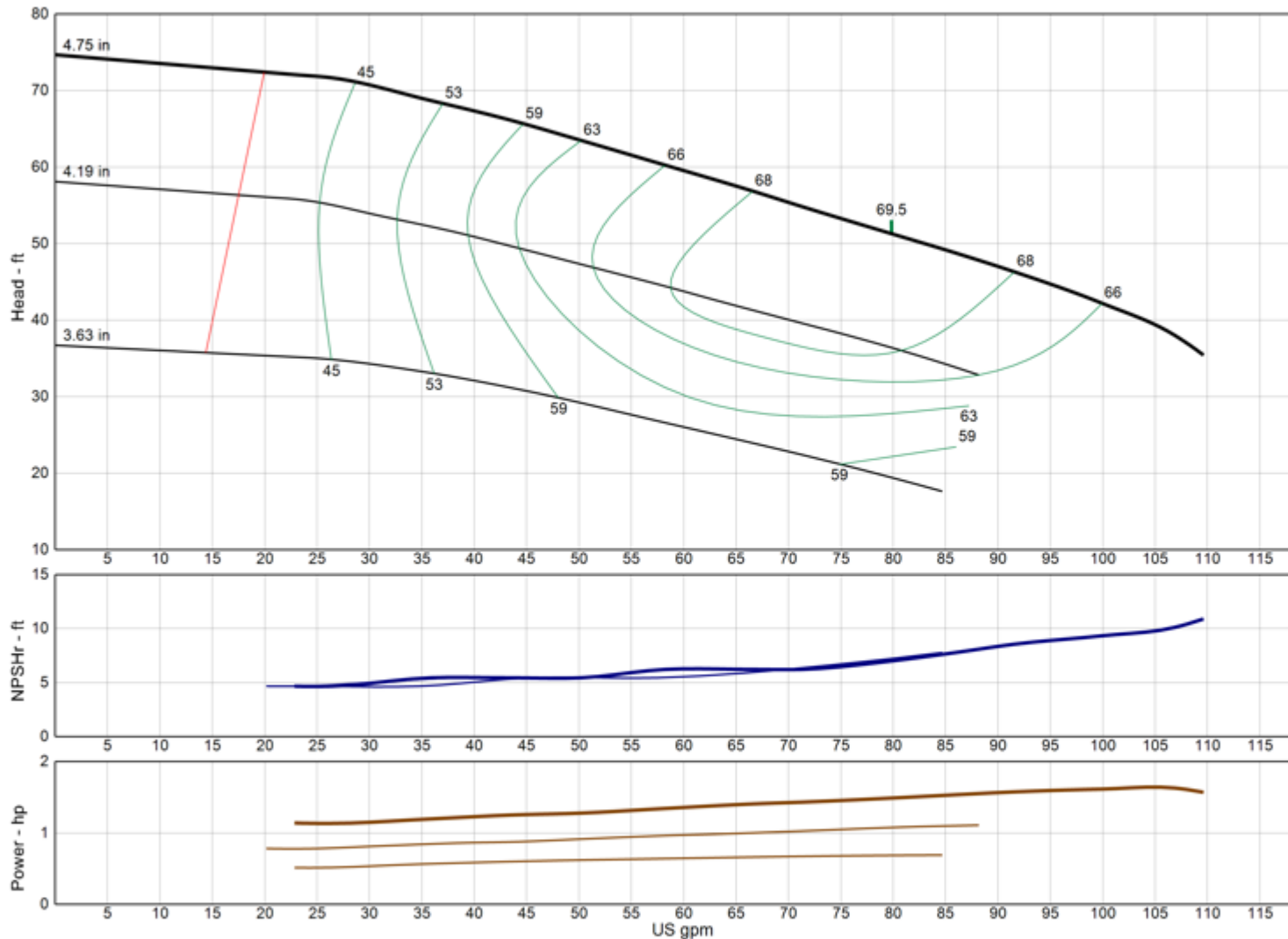
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# MODEL 7RALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7RALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-4.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>1375</b>
Thrust K-Factor	<b>1.61 lb/ft</b>
Bowl OD	7.50 in
Bowl Lateral	0.25 in
Max PSI	410 psi
Thd Disch Size	3", 4"

### TURBINE OPERATIONS

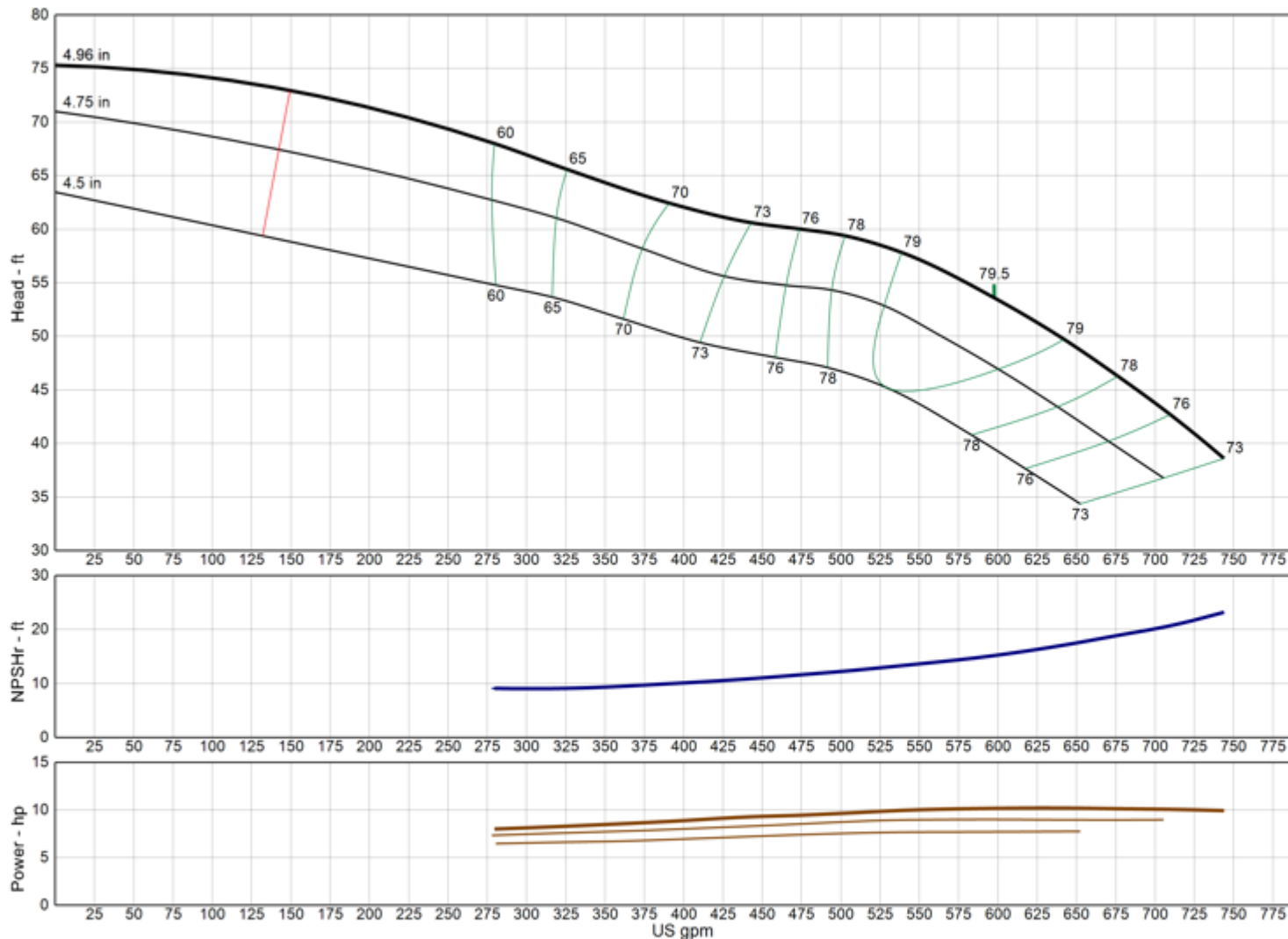
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 7THC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7THC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	3640
Thrust K-Factor	4.56 lb/ft
Bowl OD	7.13 in
Bowl Lateral	0.38 in
Max PSI	440 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

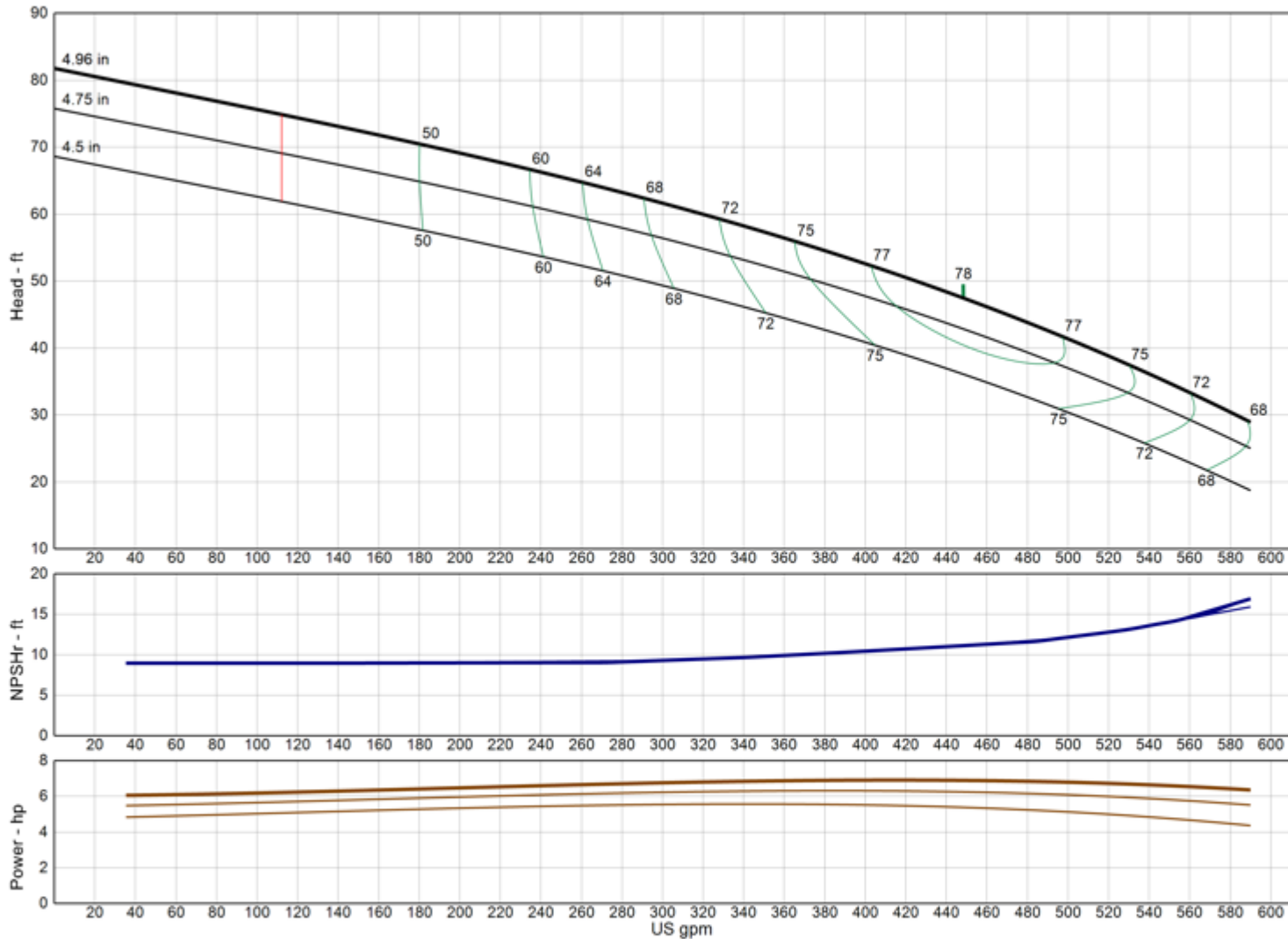




# MODEL 7TLC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7TLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>3455</b>
Thrust K-Factor	<b>6.70 lb/ft</b>
Bowl OD	7.13 in
Bowl Lateral	9.65 in
Max PSI	440 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

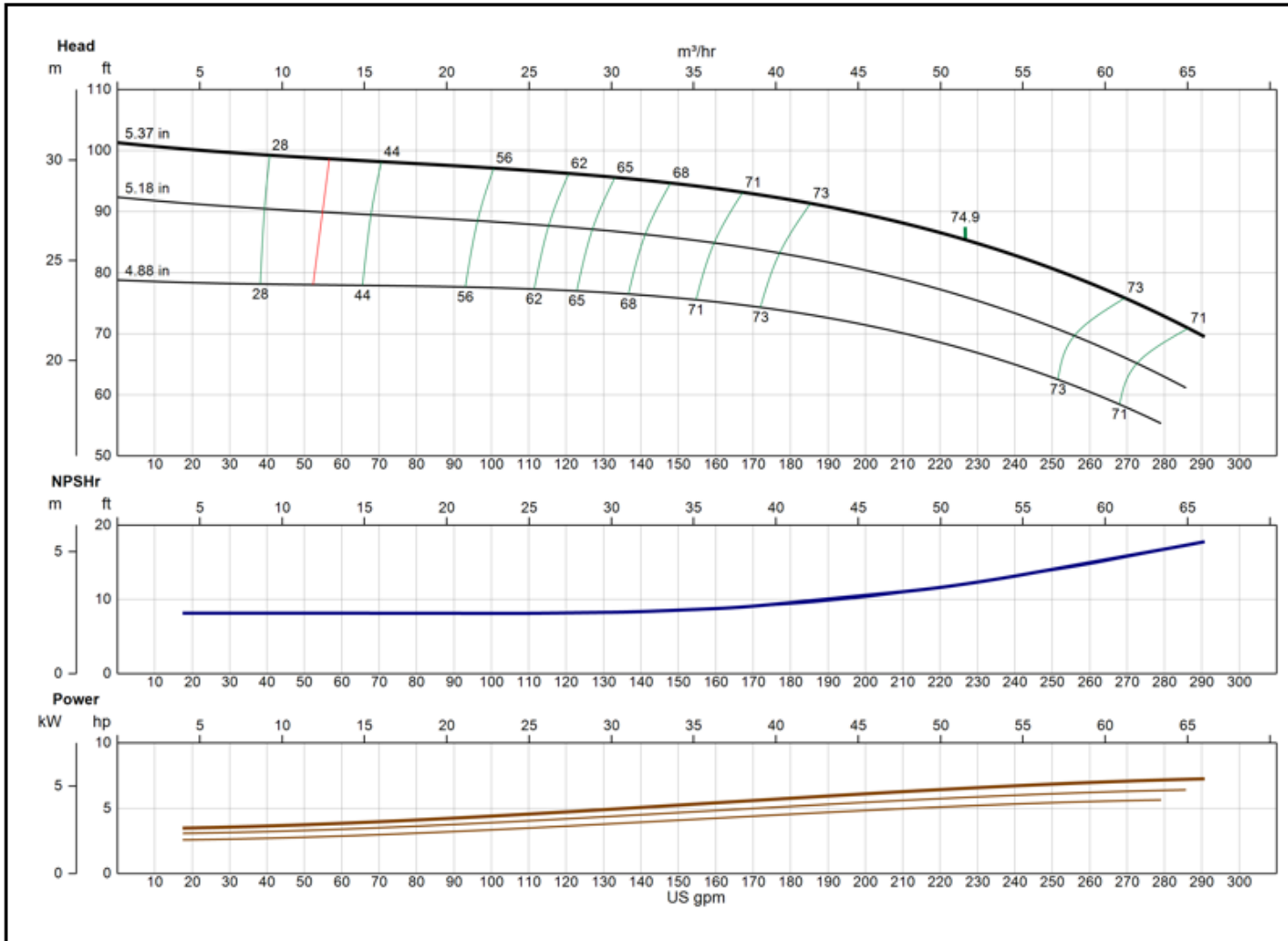
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 7WAHC

(Effective April 18, 2023)

## Vertical Turbine Pump



<b>Model</b>	<b>7WAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>1750</b>
Thrust K-Factor	<b>2.63 lb/ft</b>
Bowl OD	7.13 in
Bowl Lateral	0.50 in
Max PSI	430 psi
Thd Disch Size	4", 5", 6"

**XYLEM AWS**

Lubbock, TX

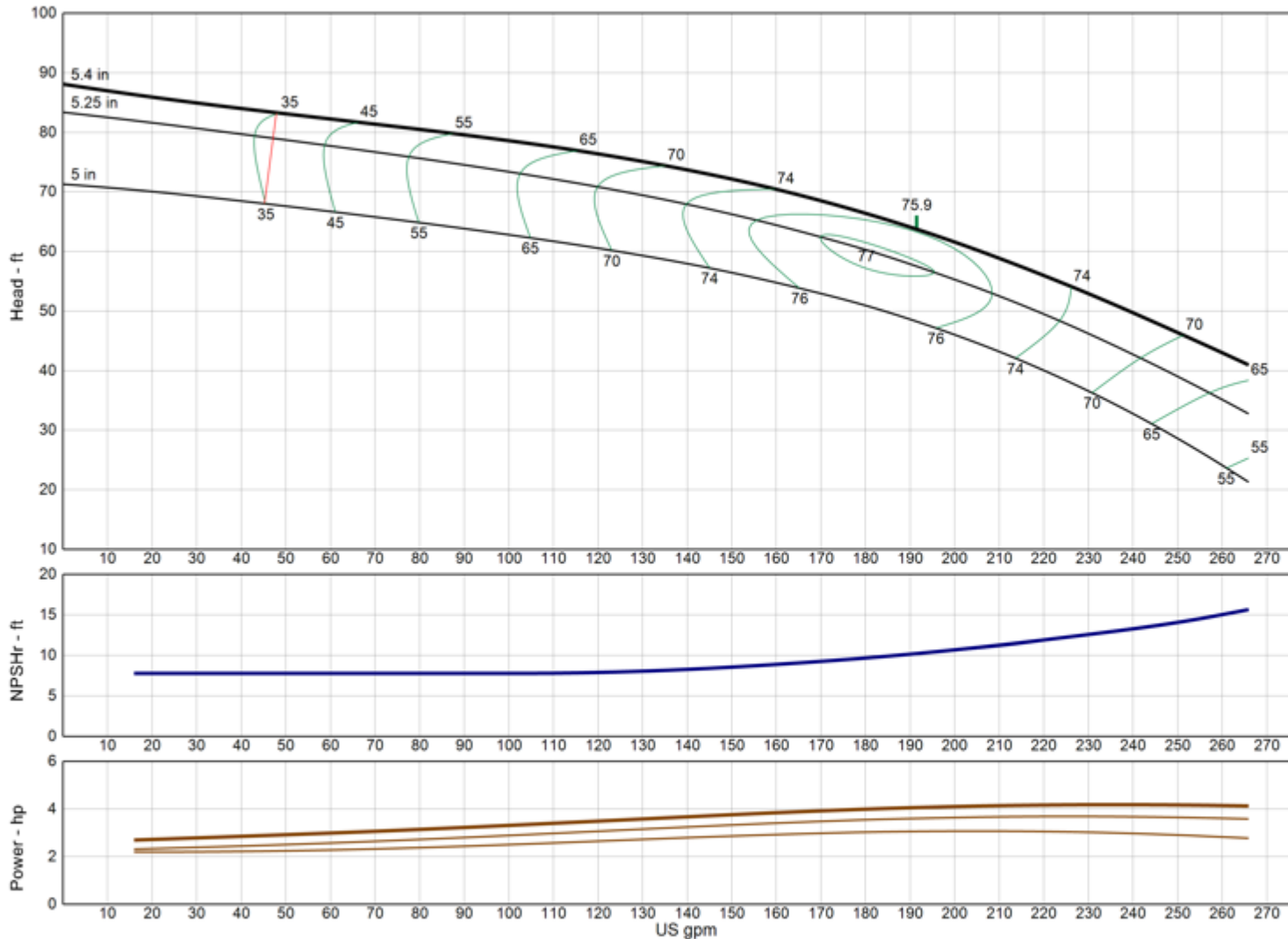
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.



# MODEL 7WALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>7WALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1810
Thrust K-Factor	2.63 lb/ft
Bowl OD	7.13 in
Bowl Lateral	0.50 in
Max PSI	430 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

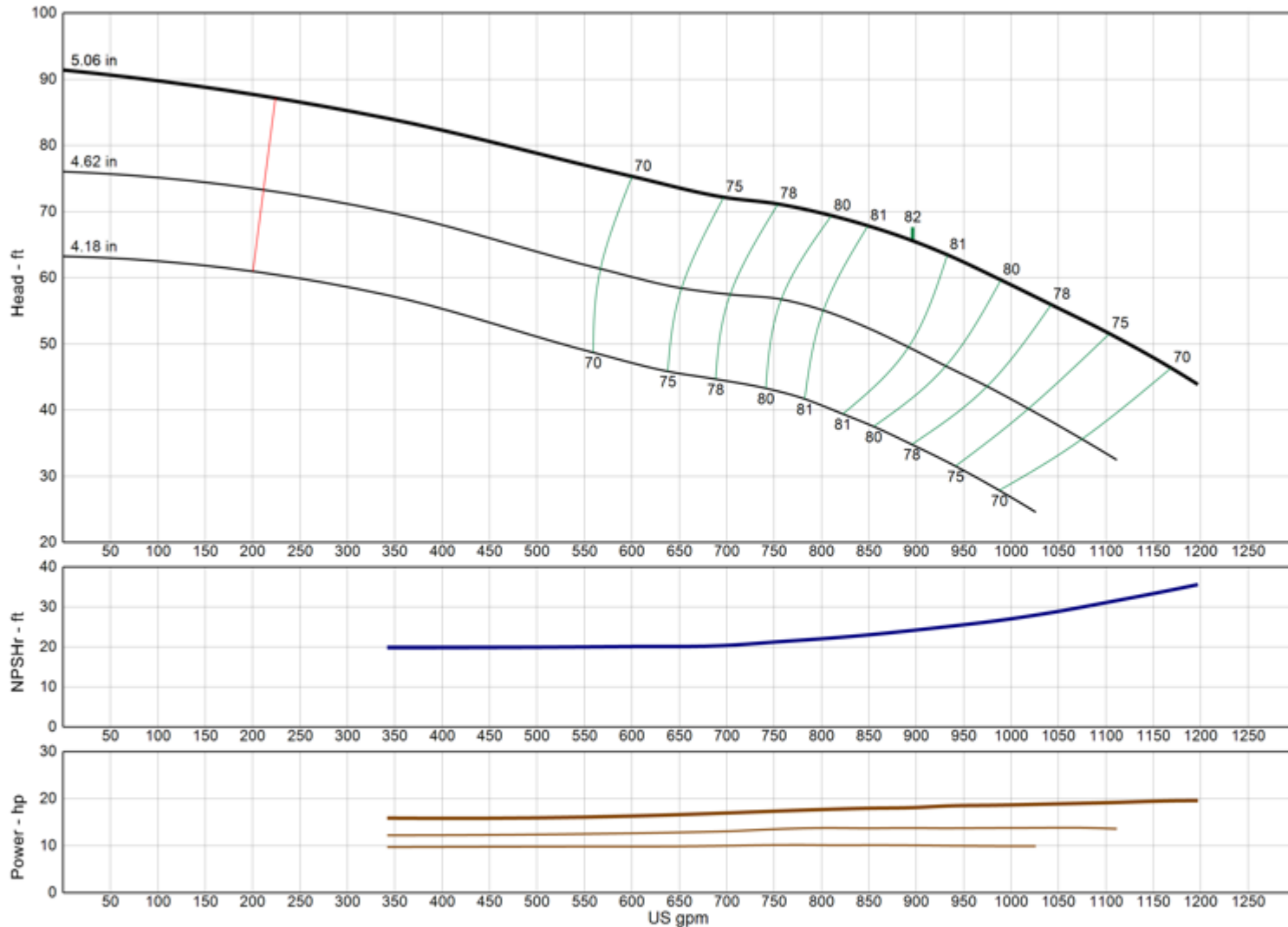
Lubbock, Texas

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# MODEL 8FDHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>8FDHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-4.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	3830
Thrust K-Factor	7.90 lb/ft
Bowl OD	7.50 in
Bowl Lateral	0.56 in
Max PSI	410 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

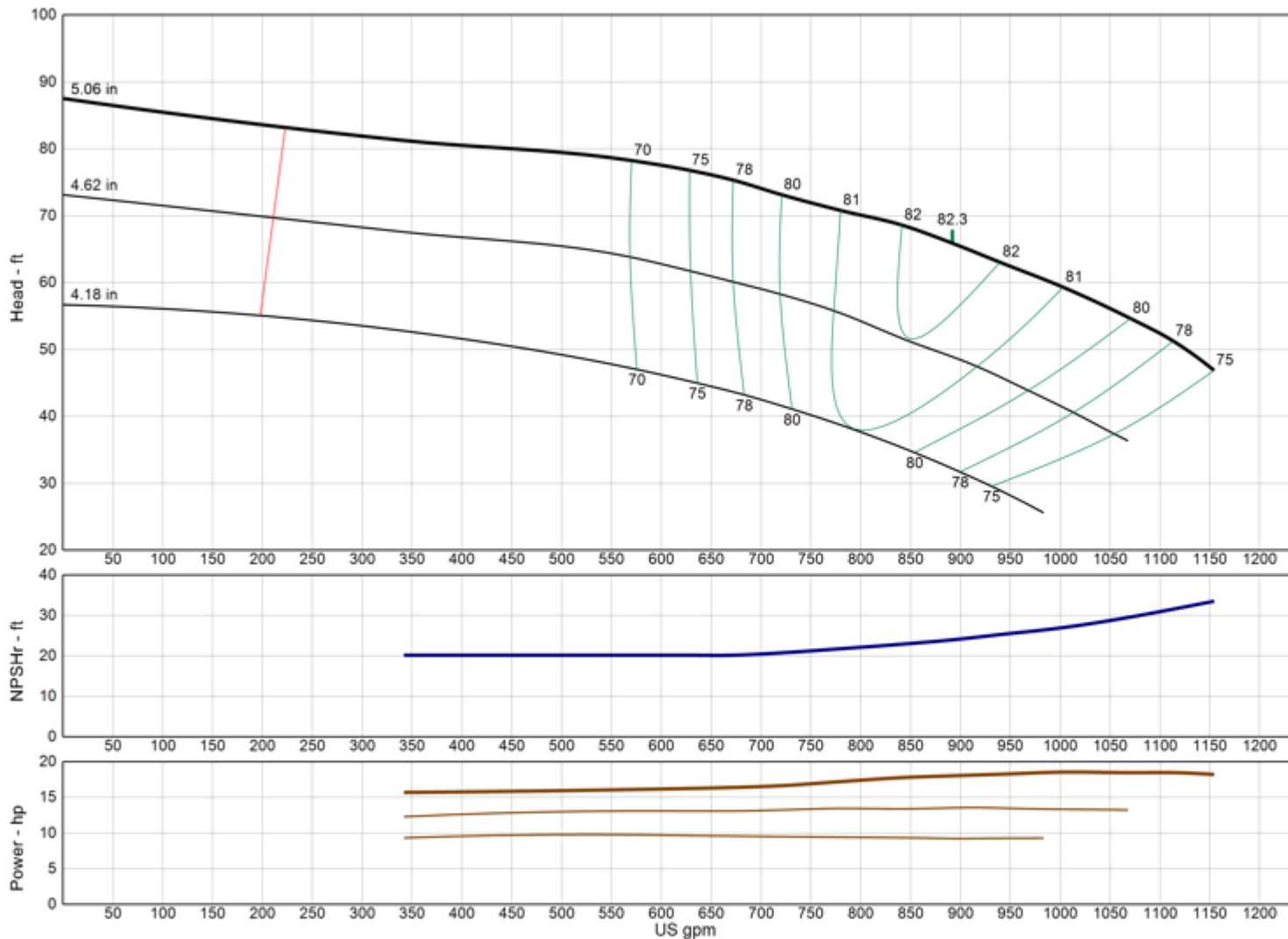
Lubbock, Texas

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# MODEL 8FDHO

(Effective July 17, 2019)

## Vertical Turbine Pump



**Model** 8FDHO

**RPM** 2950

Freq | Poles 50 Hz | 2-pole

Pump Type Lineshaft

**EFFICIENCY CORRECTION**

1-STAGE	-3.0
2-STAGE	-1.5
3-STAGE	-1.0
4-STAGE	0.0

Impeller Type Open

Ns 3810

Thrust K-Factor 9.90 lb/ft

Bowl OD 7.50 in

Bowl Lateral 0.56 in

Max PSI 410 psi

Thd Disch Size 4", 5", 6"

**TURBINE OPERATIONS**

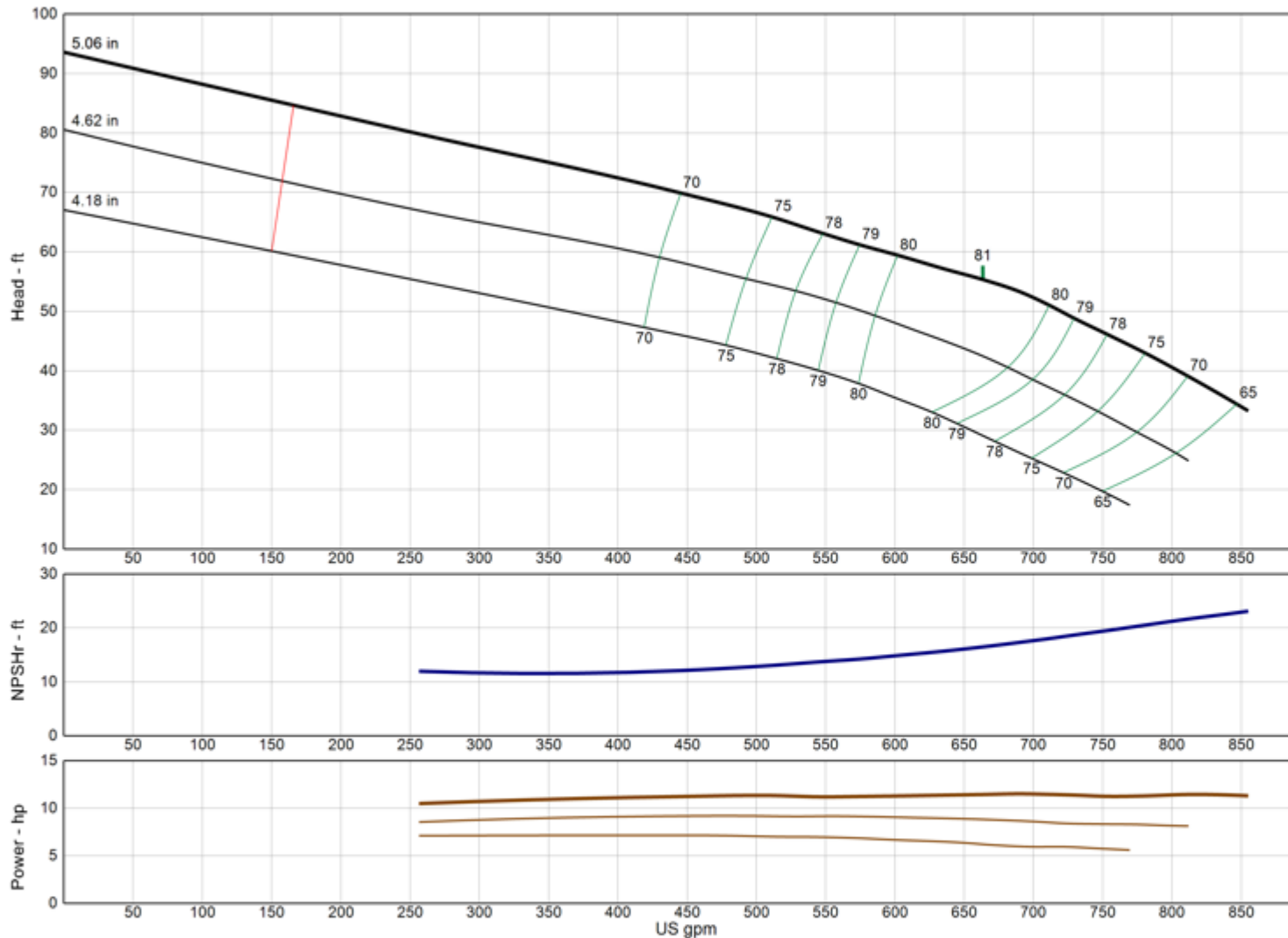
Lubbock, Texas

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# MODEL 8FDLC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>8FDLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-1.5
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	3745
Thrust K-Factor	7.90 lb/ft
Bowl OD	7.50 in
Bowl Lateral	0.56 in
Max PSI	410 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

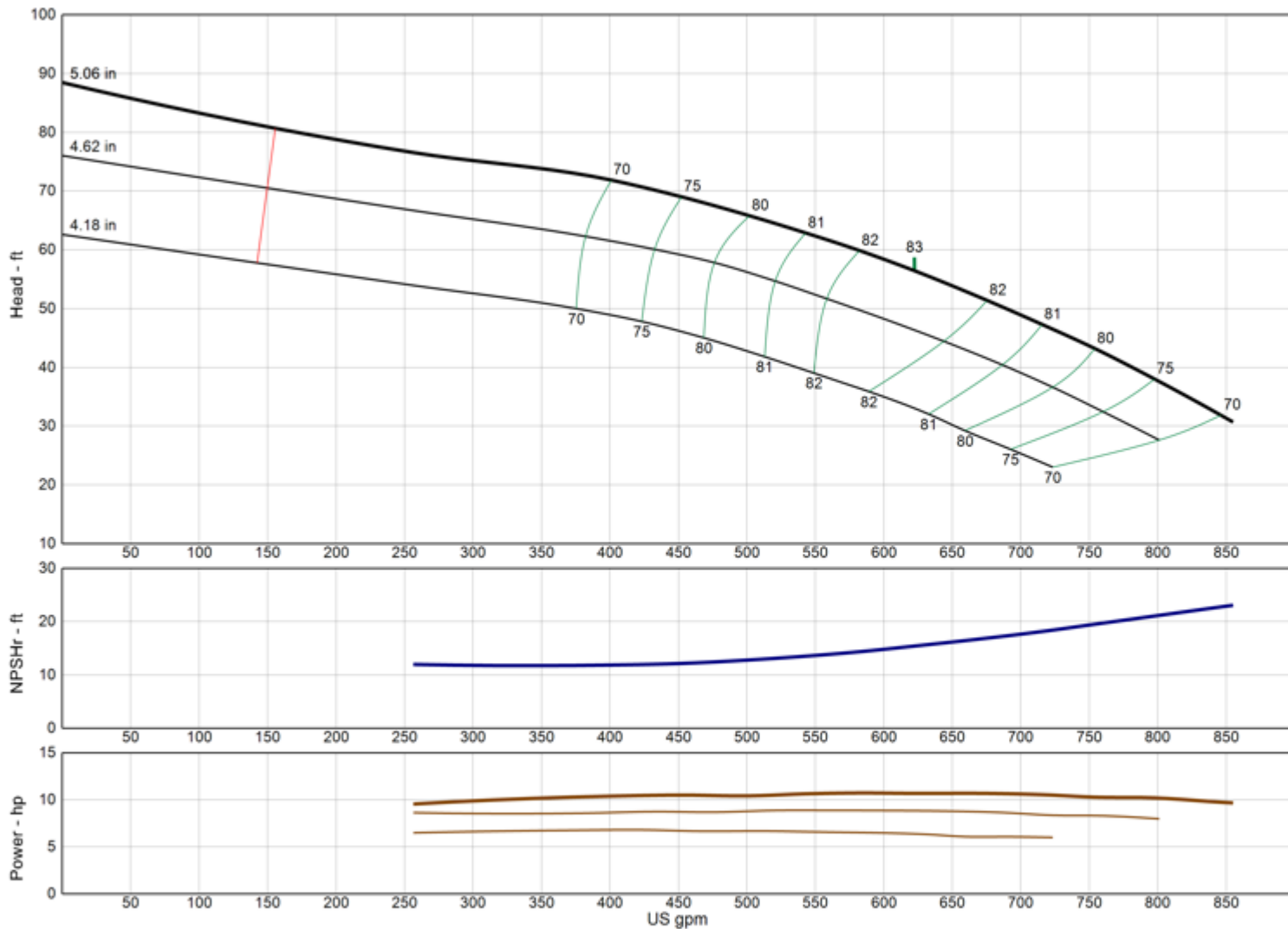
Lubbock, Texas

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# MODEL 8FDLO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>8FDLO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-1.5
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Open
Ns	3575
Thrust K-Factor	9.90 lb/ft
Bowl OD	7.50 in
Bowl Lateral	0.56 in
Max PSI	410 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

Lubbock, Texas

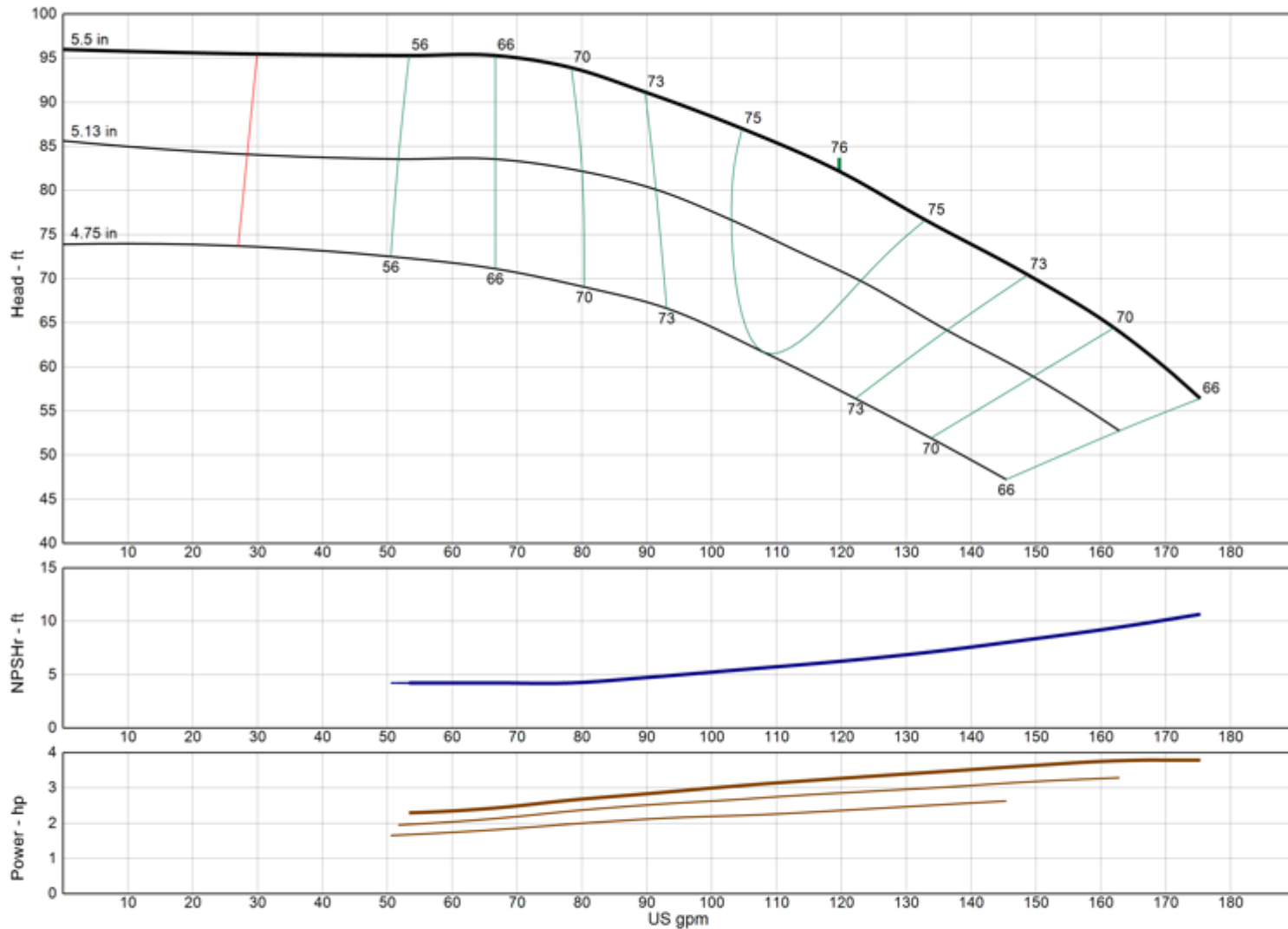
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# MODEL 8RAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>8RAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-4.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1180
Thrust K-Factor	2.00 lb/ft
Bowl OD	7.50 in
Bowl Lateral	0.25 in
Max PSI	410 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

Lubbock, Texas

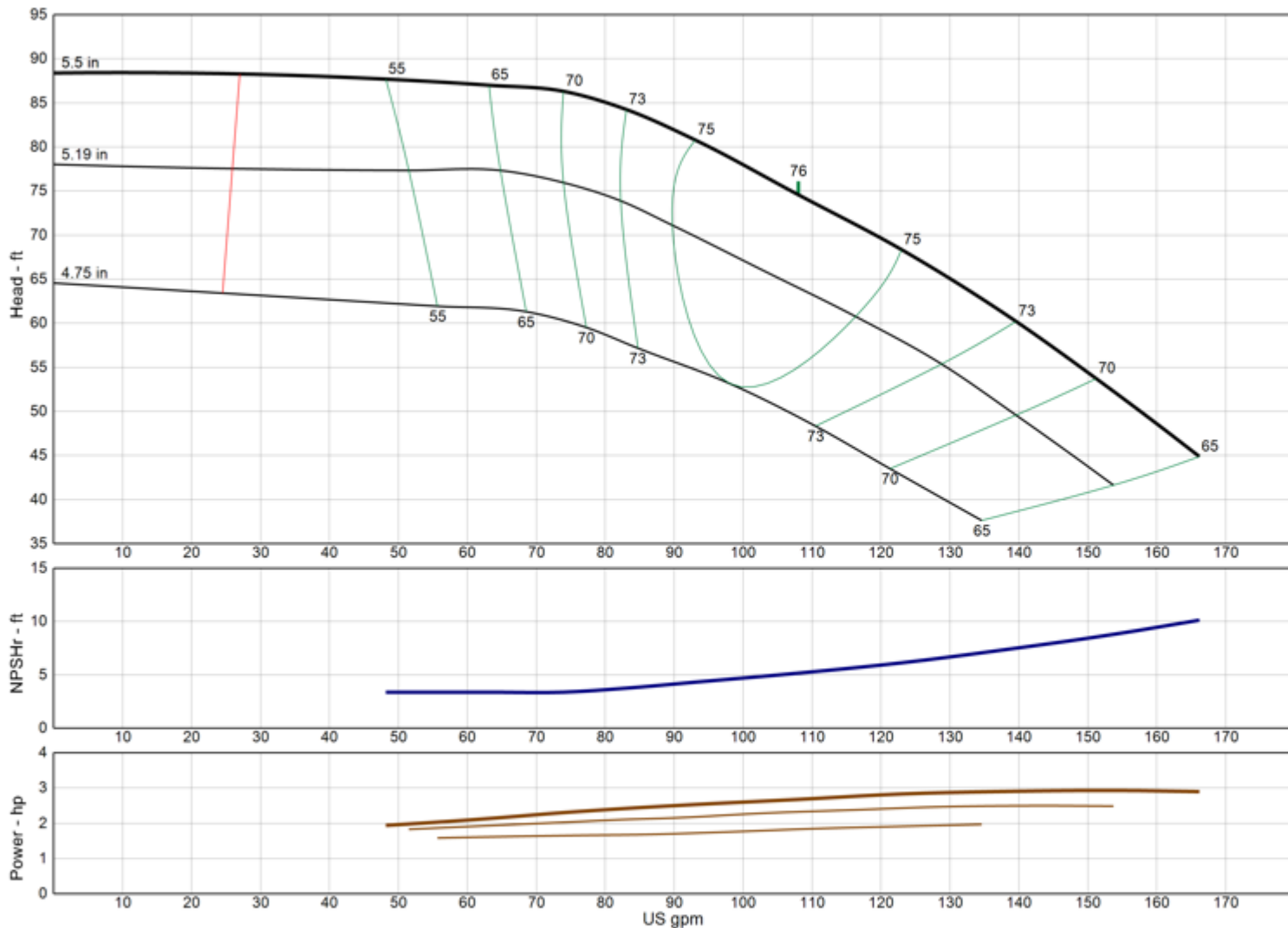
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# MODEL 8RALC

(Effective July 17, 2019)

## Vertical Turbine Pump



**Model** 8RALC

**RPM** 2950

Freq | Poles 50 Hz | 2-pole

Pump Type Lineshaft

**EFFICIENCY CORRECTION**

1-STAGE -4.0

2-STAGE -2.0

3-STAGE -1.0

4-STAGE 0.0

Impeller Type Enclosed

Ns 1210

Thrust K-Factor 2.00 lb/ft

Bowl OD 7.50 in

Bowl Lateral 0.25 in

Max PSI 410 psi

Thd Disch Size 4", 5", 6"

**TURBINE OPERATIONS**

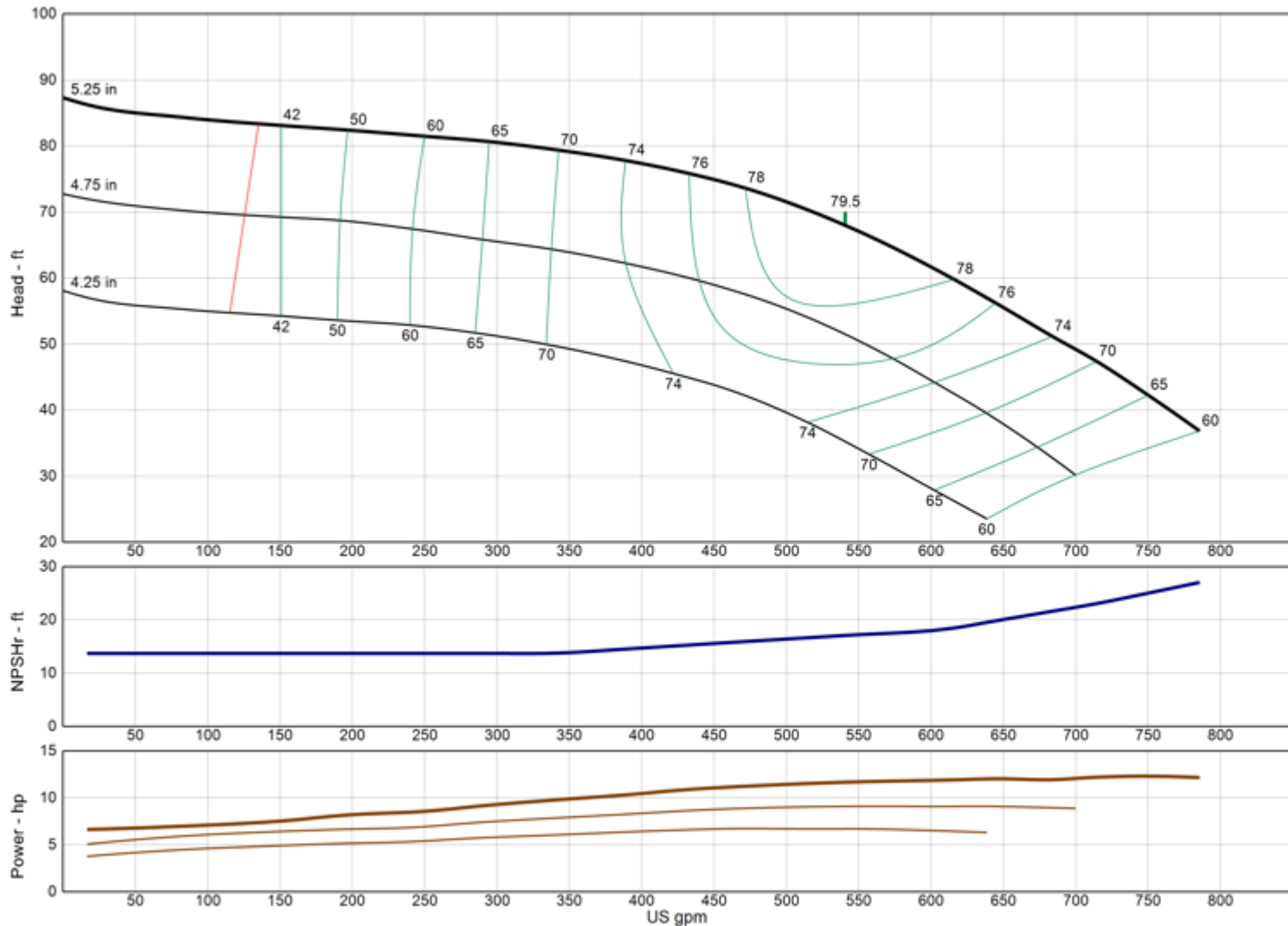
Lubbock, Texas

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# MODEL 8RJHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>8RJHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2895</b>
Thrust K-Factor	<b>4.00 lb/ft</b>
Bowl OD	7.50 in
Bowl Lateral	0.63 in
Max PSI	410 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

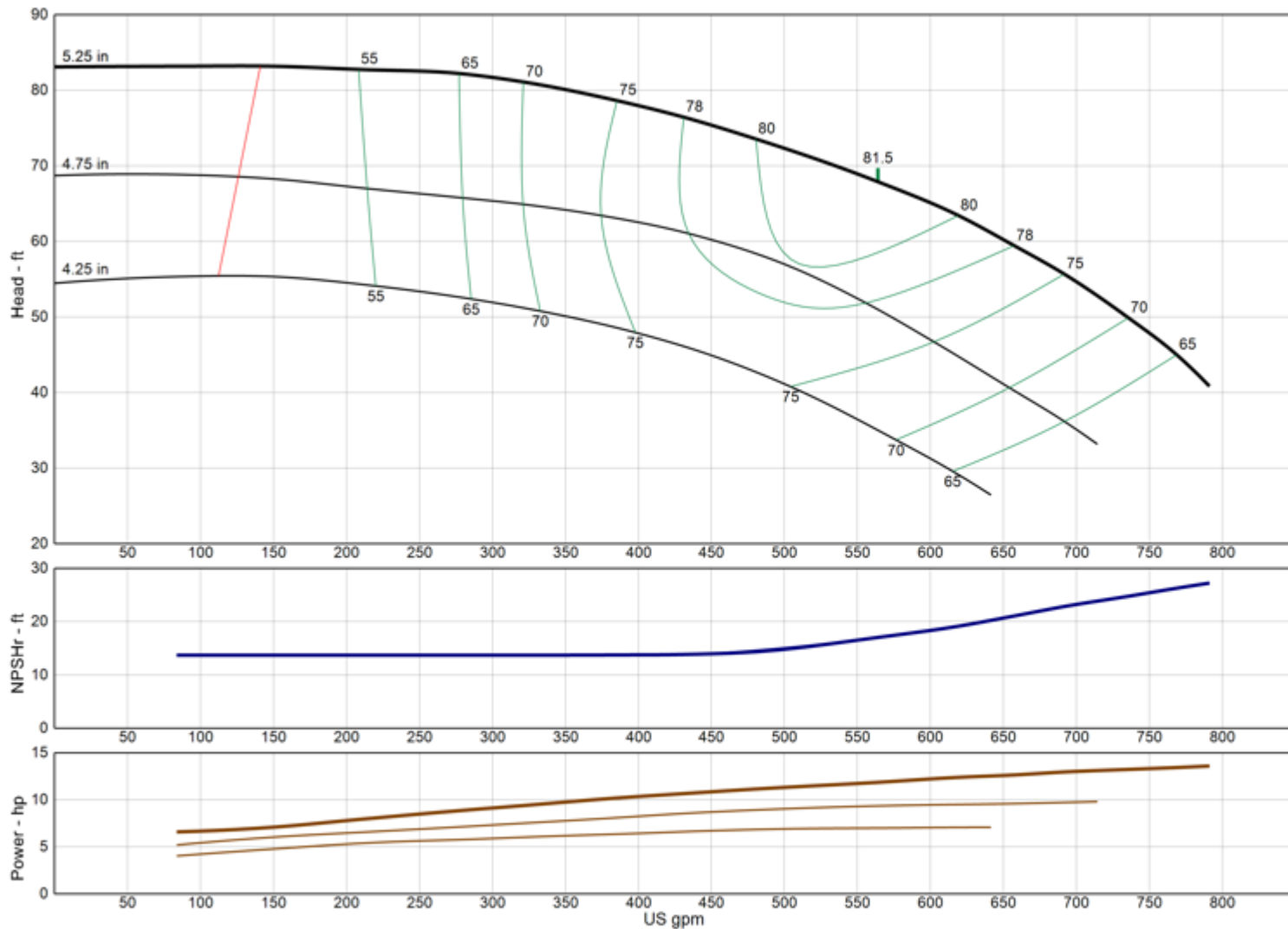
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 8RJHO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>8RJHO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Open
Ns	2960
Thrust K-Factor	5.30 lb/ft
Bowl OD	7.50 in
Bowl Lateral	0.63 in
Max PSI	410 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

Lubbock, Texas

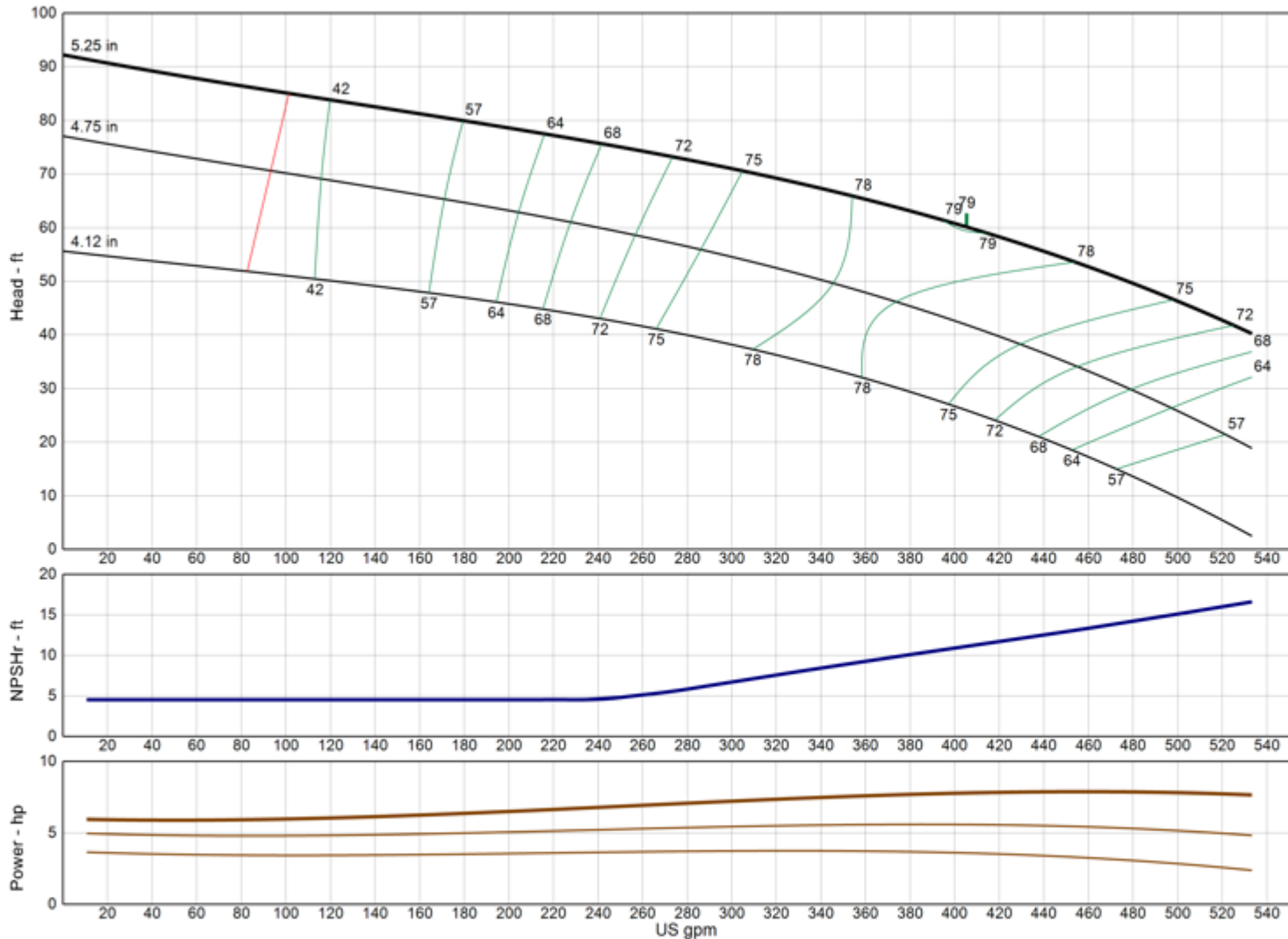
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# MODEL 8RJLC

(Effective July 17, 2019)

## Vertical Turbine Pump



**Model** 8RJLC

**RPM** 2950

Freq | Poles 50 Hz | 2-pole

Pump Type Lineshaft

**EFFICIENCY CORRECTION**

1-STAGE 0.0

2-STAGE 0.0

3-STAGE 0.0

4-STAGE 0.0

Impeller Type Enclosed

Ns 2750

Thrust K-Factor 4.00 lb/ft

Bowl OD 7.50 in

Bowl Lateral 0.62 in

Max PSI 410 psi

Thd Disch Size 4", 5", 6"

**TURBINE OPERATIONS**

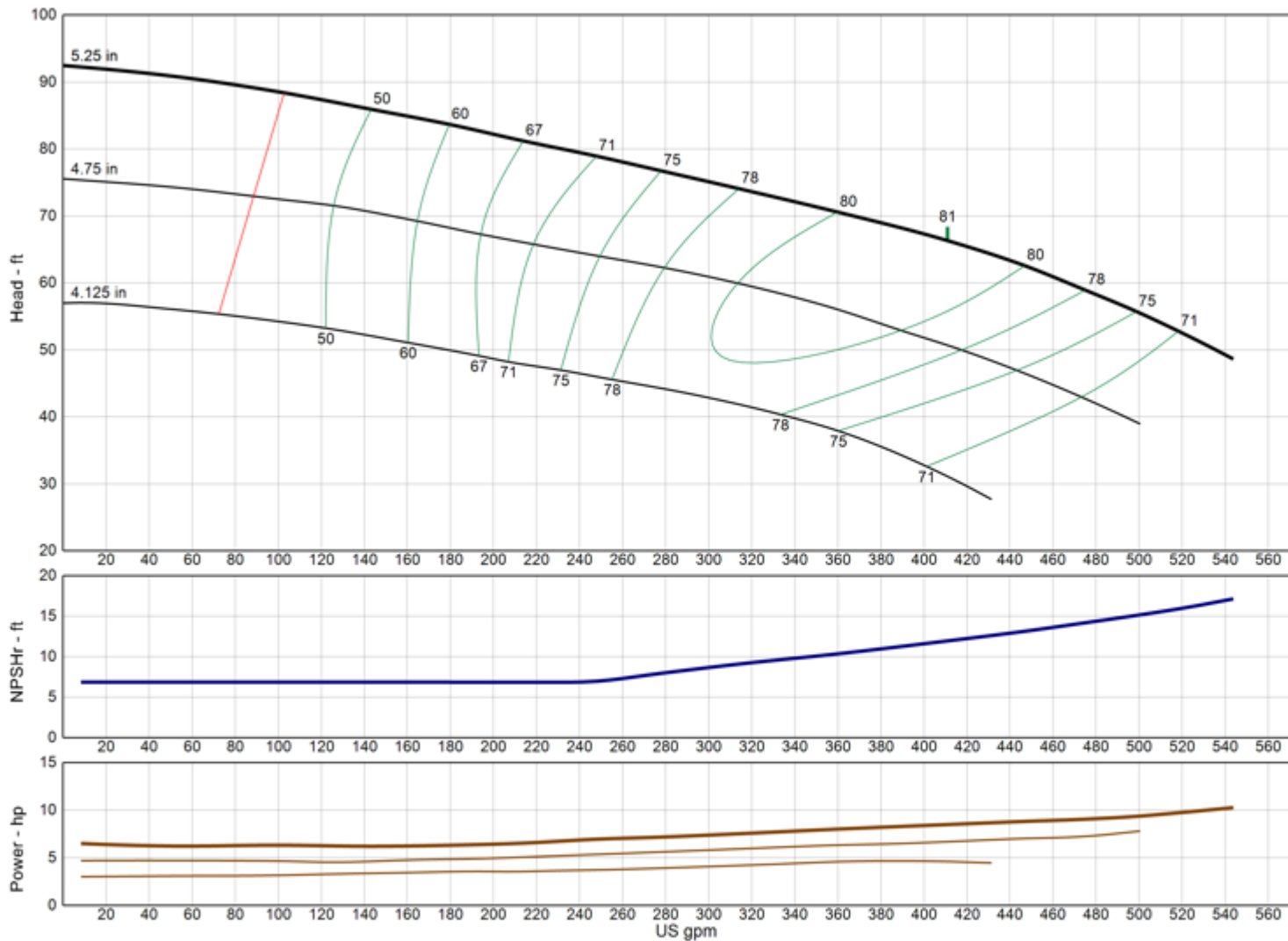
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 8RJLO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>8RJLO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Open
Ns	2575
Thrust K-Factor	5.30 lb/ft
Bowl OD	7.50 in
Bowl Lateral	0.63 in
Max PSI	410 psi
Thd Disch Size	4", 5", 6"

### TURBINE OPERATIONS

Lubbock, Texas

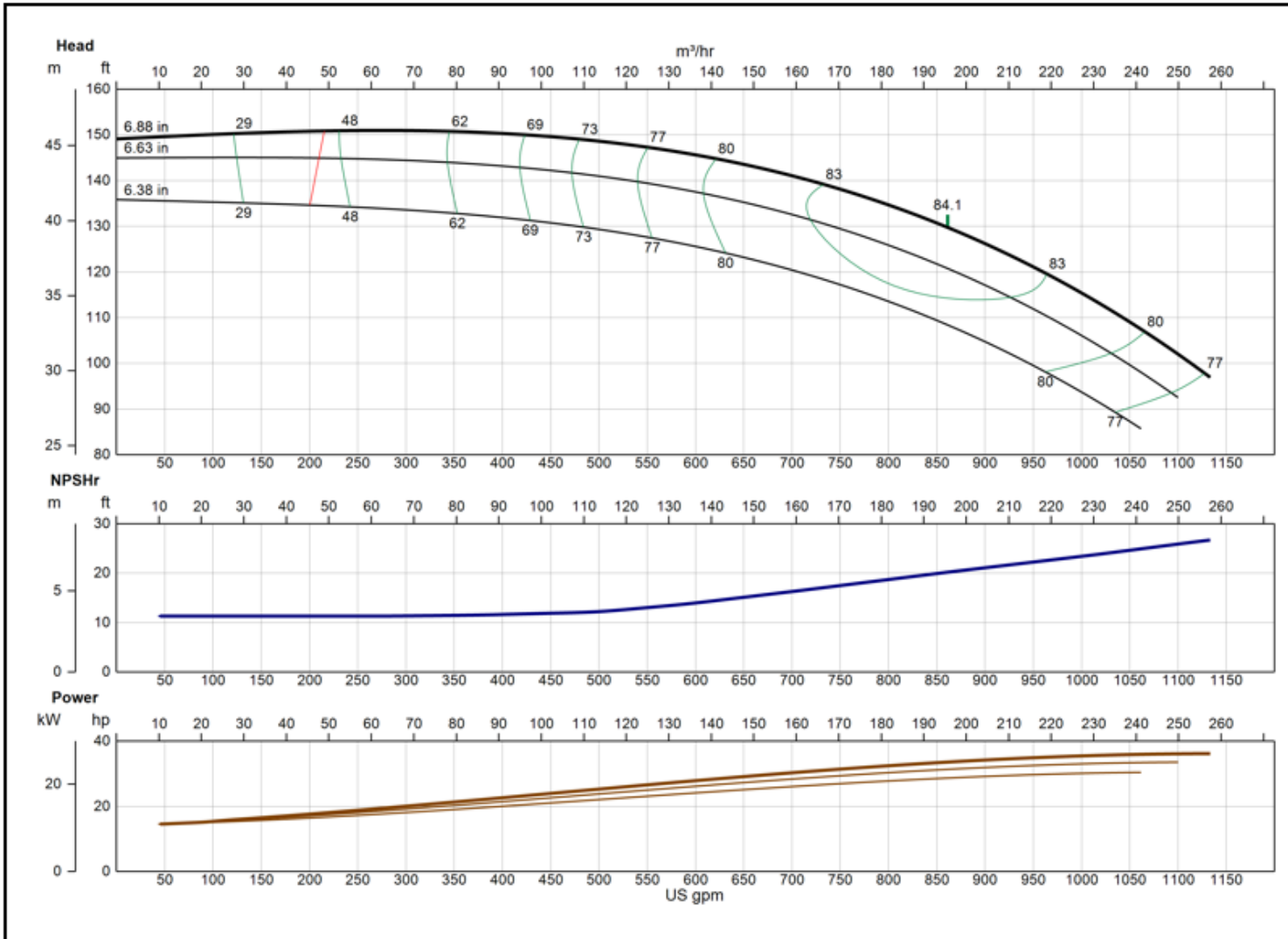
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# MODEL 9RCHC

(Effective April 18, 2023)

# Vertical Turbine Pump



<b>Model</b>	<b>9RCHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2250</b>
Thrust K-Factor	<b>4.90 lb/ft</b>
Bowl OD	9.25 in
Bowl Lateral	0.88 in
Max PSI	400 psi
Thd Disch Size	4", 5", 6", 8"

**XYLEM AWS**  
Lubbock, TX

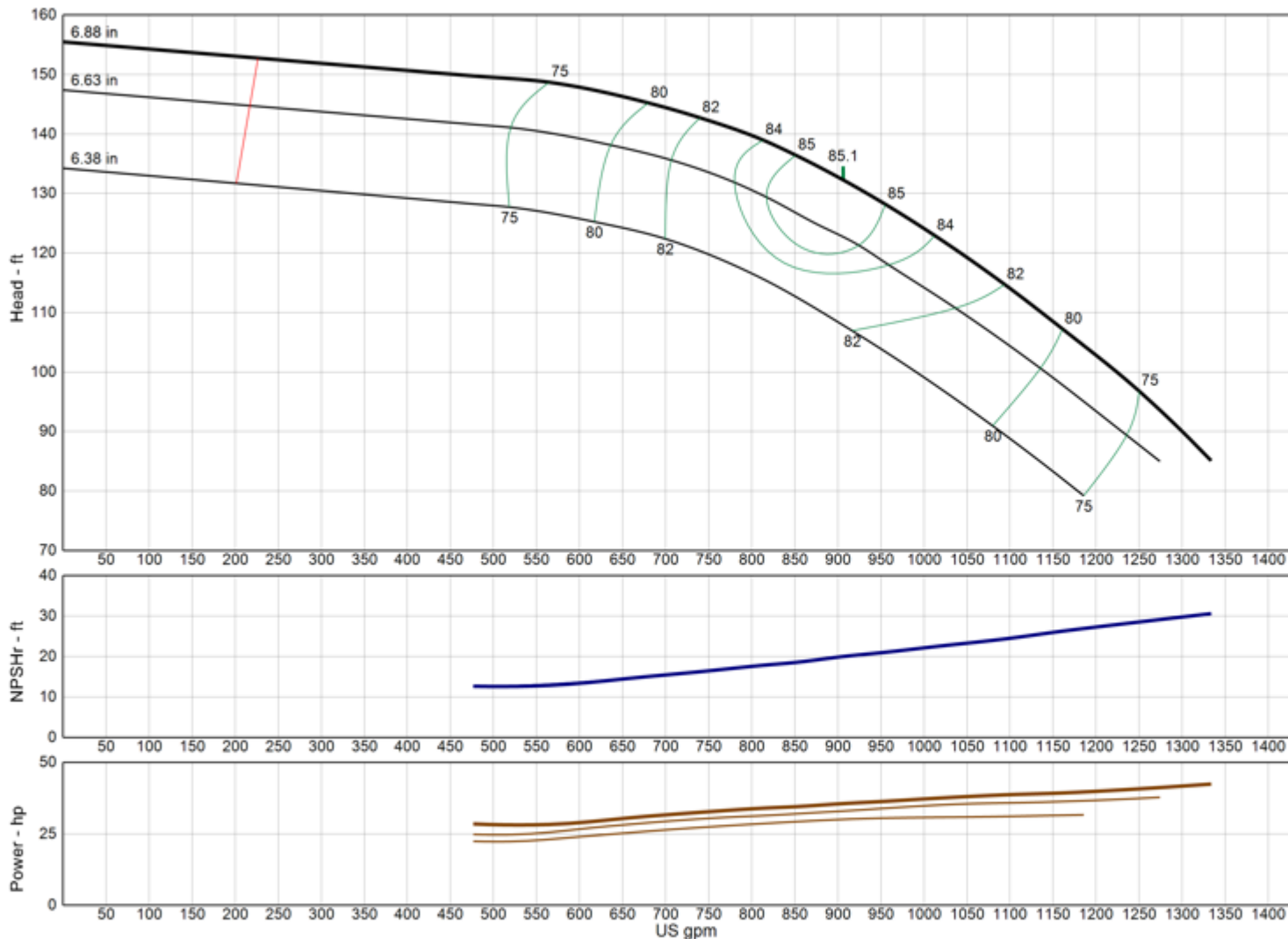
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# MODEL 9RCHO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>9RCHO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	Open
Ns	2275
Thrust K-Factor	7.00 lb/ft
Bowl OD	9.25 in
Bowl Lateral	0.88 in
Max PSI	400 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

Lubbock, Texas

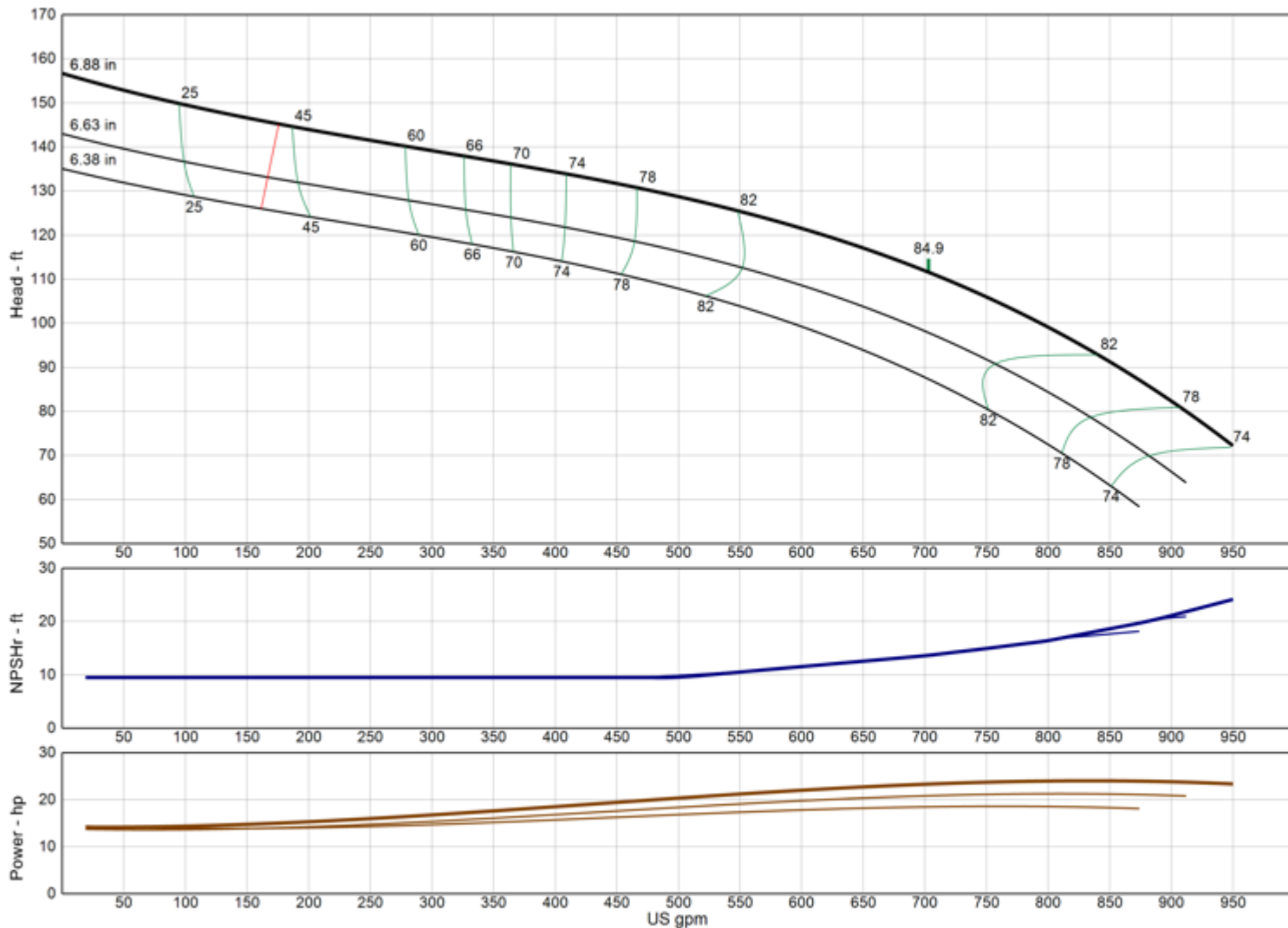
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# MODEL 9RCLC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>9RCLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	Enclosed
Ns	2280
Thrust K-Factor	4.90 lb/ft
Bowl OD	9.25 in
Bowl Lateral	0.88 in
Max PSI	400 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

Lubbock, Texas

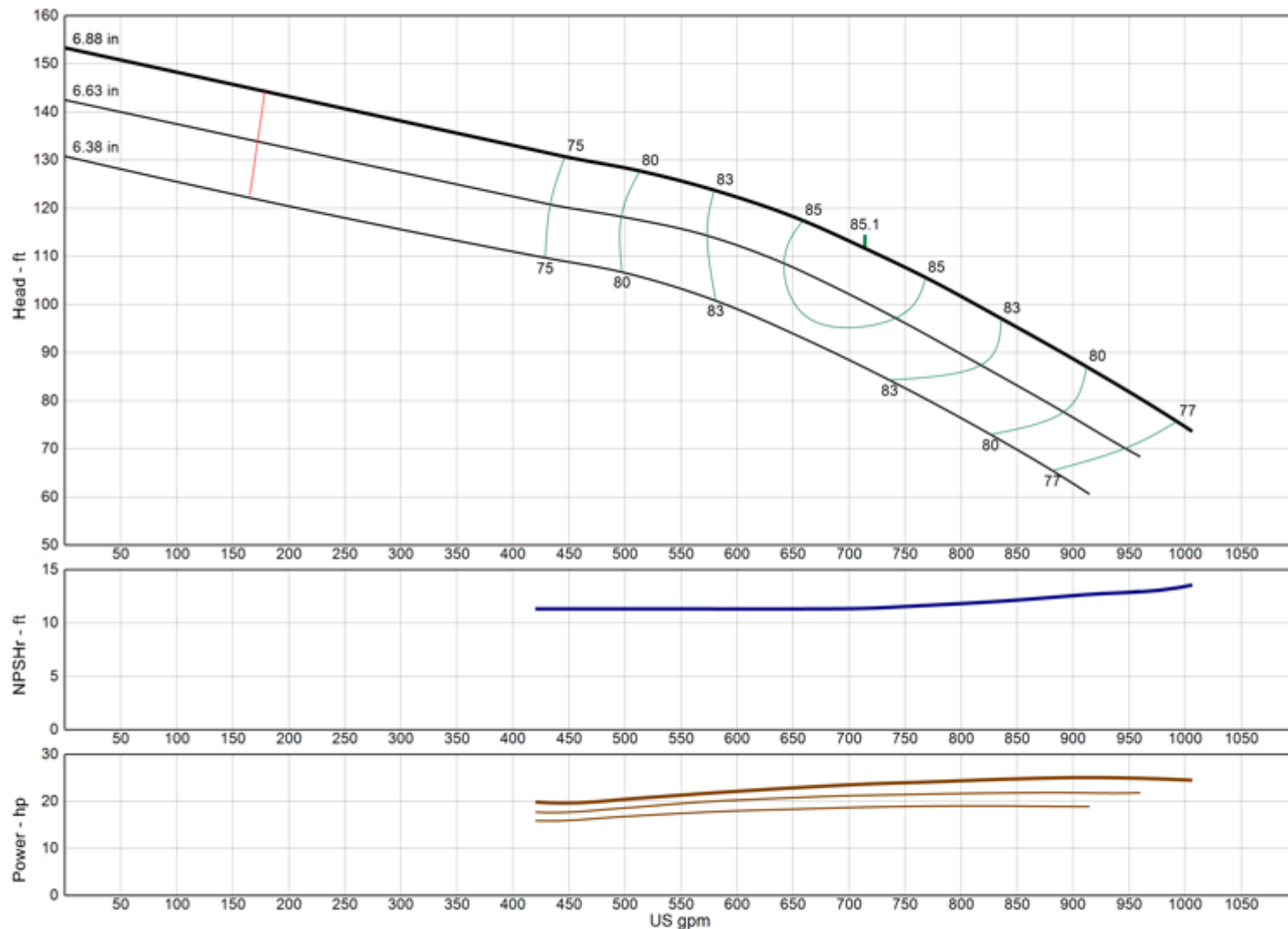
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# MODEL 9RCLO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>9RCLO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	<b>Open</b>
Ns	<b>2295</b>
Thrust K-Factor	<b>7.00 lb/ft</b>
Bowl OD	9.25 in
Bowl Lateral	0.88 in
Max PSI	400 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

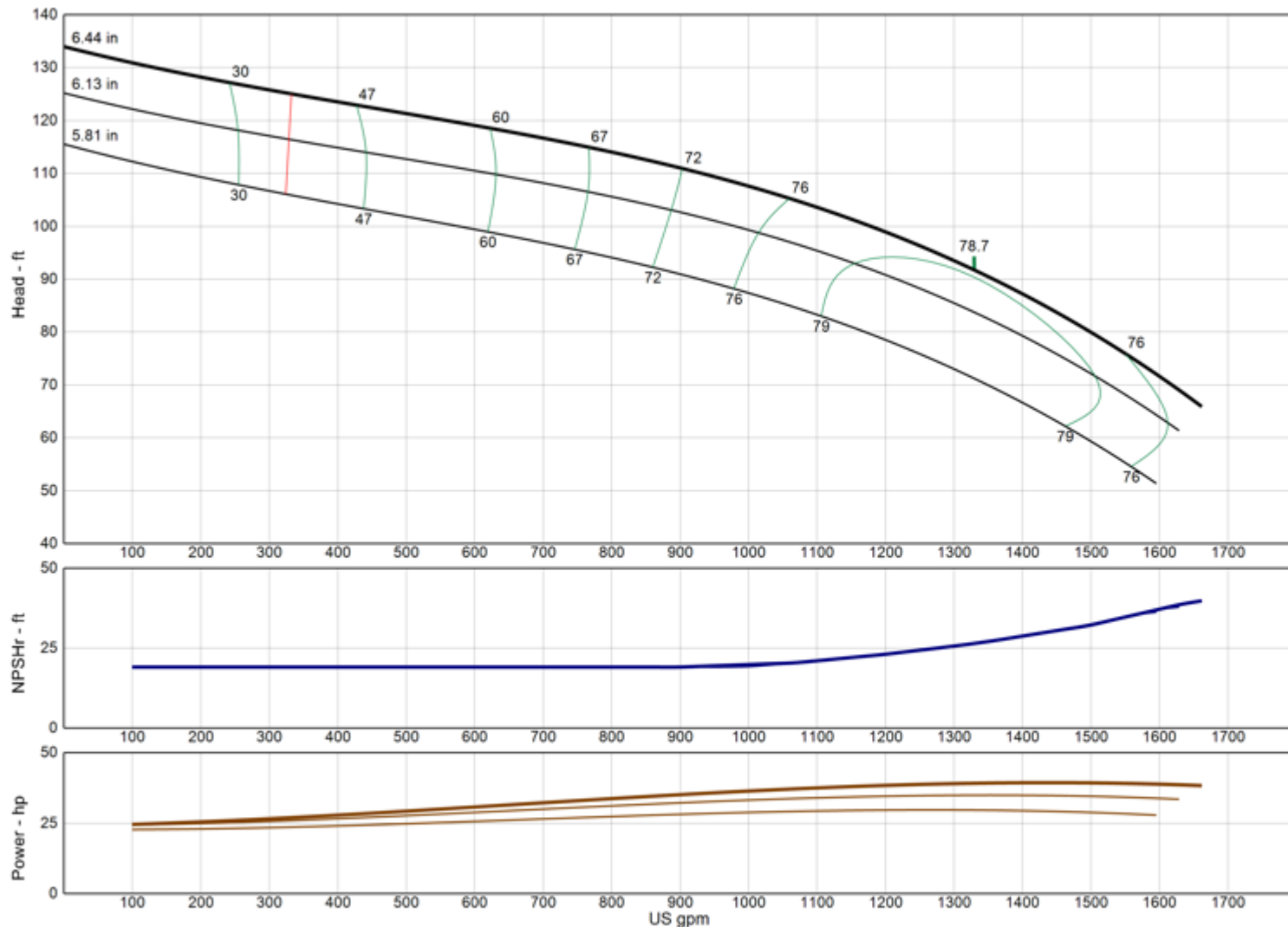
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 9THC

(Effective May 04, 2020)

## Vertical Turbine Pump



<b>Model</b>	<b>9THC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>3630</b>
Thrust K-Factor	<b>9.00 lb/ft</b>
Bowl OD	9.25 in
Bowl Lateral	0.75 in
Max PSI	470 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

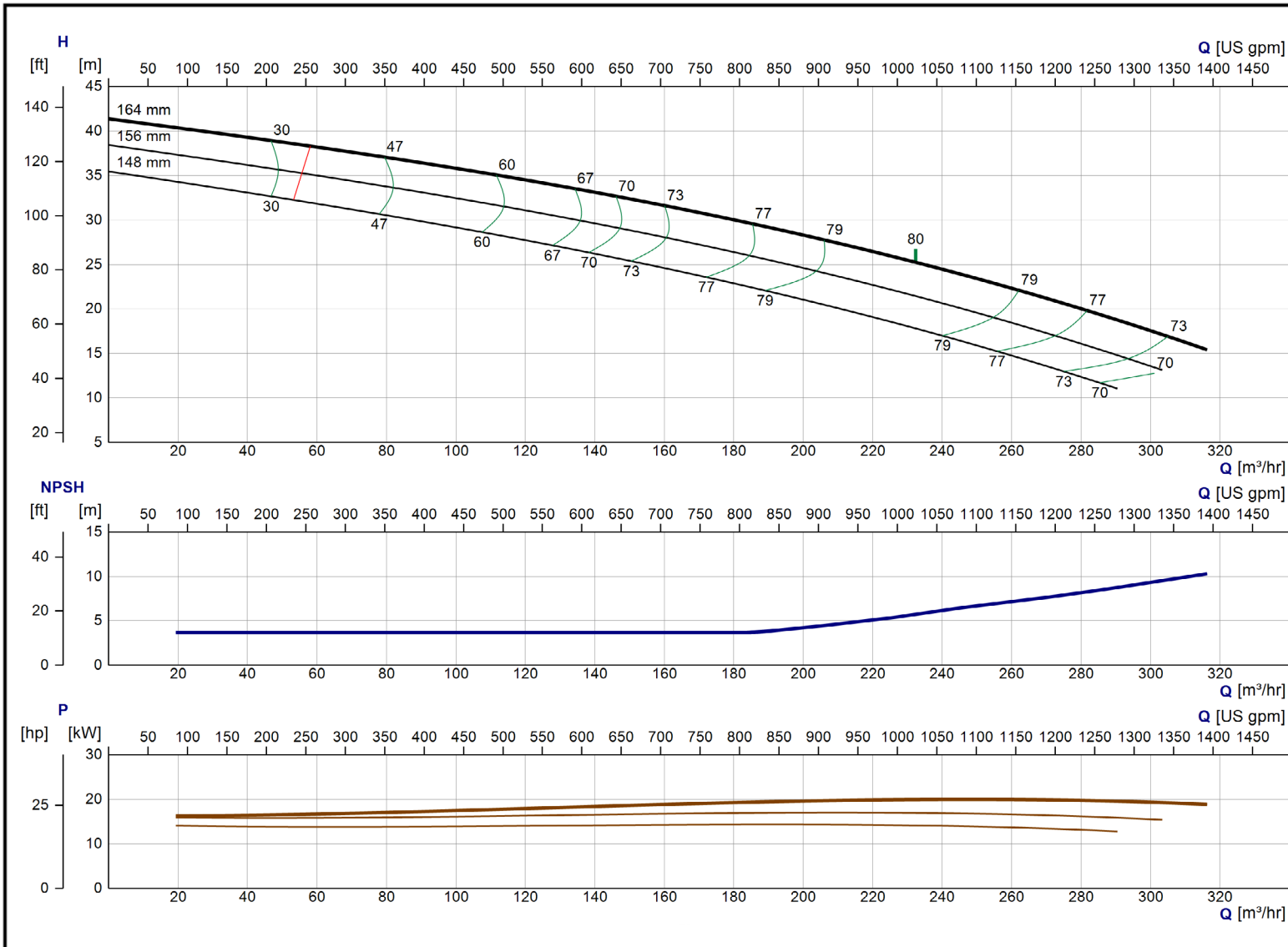
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 9TLC

(Effective January 11, 2022)

## Vertical Turbine Pump



<b>Model</b>	<b>9TLC</b>
<b>RPM</b>	<b>2950</b>
<b>Freq   Poles</b>	<b>50 Hz   2-pole</b>
<b>Pump Type</b>	<b>Lineshaft</b>
<b>EFFICIENCY CORRECTION</b>	
<b>1-STAGE</b>	<b>-2.0</b>
<b>2-STAGE</b>	<b>-1.0</b>
<b>3-STAGE</b>	<b>0.0</b>
<b>4-STAGE</b>	<b>0.0</b>
<b>Impeller Type</b>	<b>Enclosed</b>
<b>Ns</b>	<b>3715</b>
<b>Thrust K-Factor</b>	<b>9.00 lb/ft</b>
<b>Bowl OD</b>	<b>9.25 in</b>
<b>Bowl Lateral</b>	<b>0.75 in</b>
<b>Max PSI</b>	<b>470 psi</b>
<b>Thd Disch Size</b>	<b>4", 5", 6", 8"</b>

**TURBINE OPERATIONS**  
Lubbock, Texas

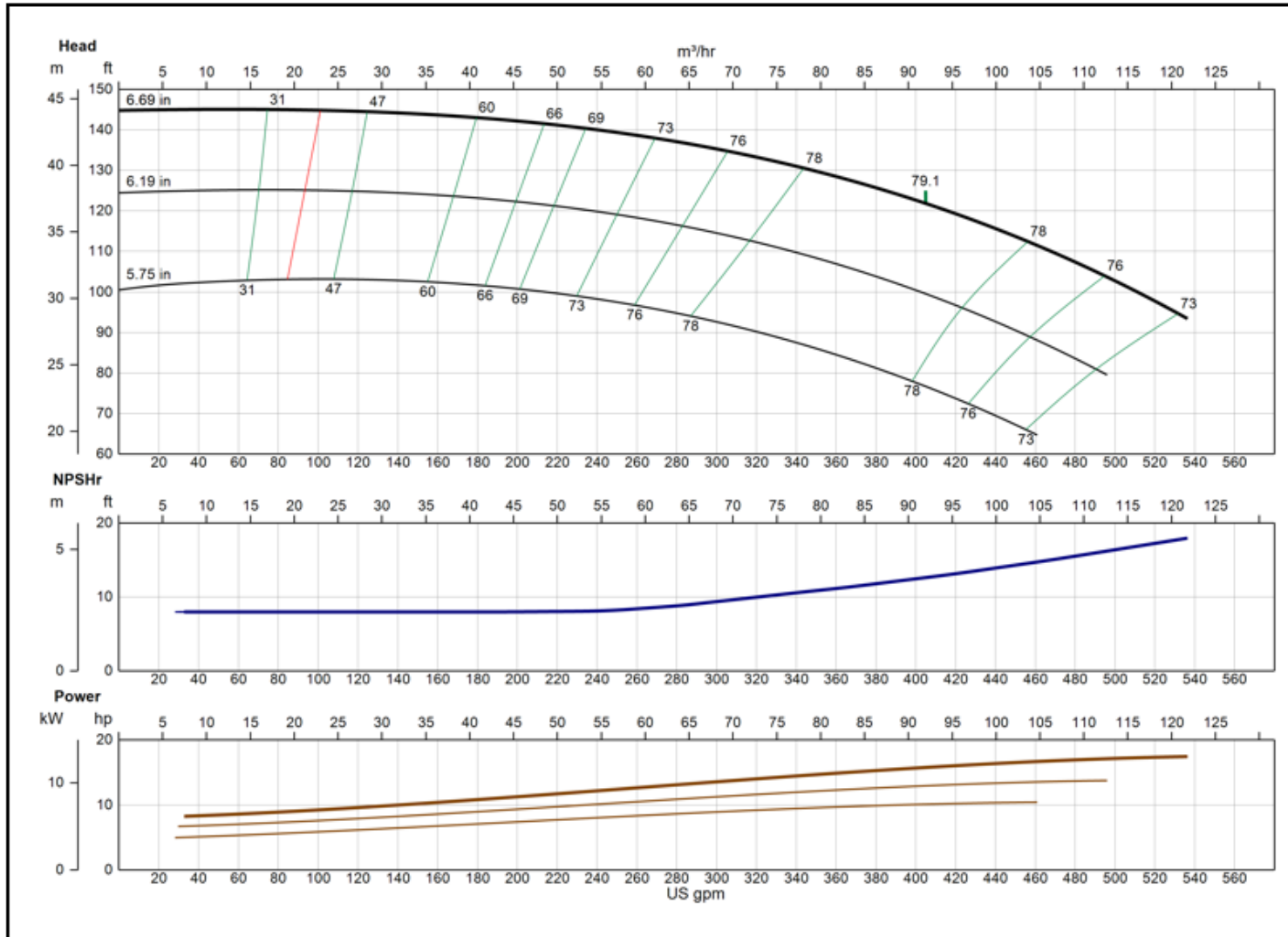
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.



# MODEL 9WAHC

(Effective April 18, 2023)

# Vertical Turbine Pump



<b>Model</b>	<b>9WAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>1670</b>
Thrust K-Factor	<b>3.75 lb/ft</b>
Bowl OD	9.25 in
Bowl Lateral	0.56 in
Max PSI	470 psi
Thd Disch Size	4", 5", 6", 8"

**XYLEM AWS**

Lubbock, TX

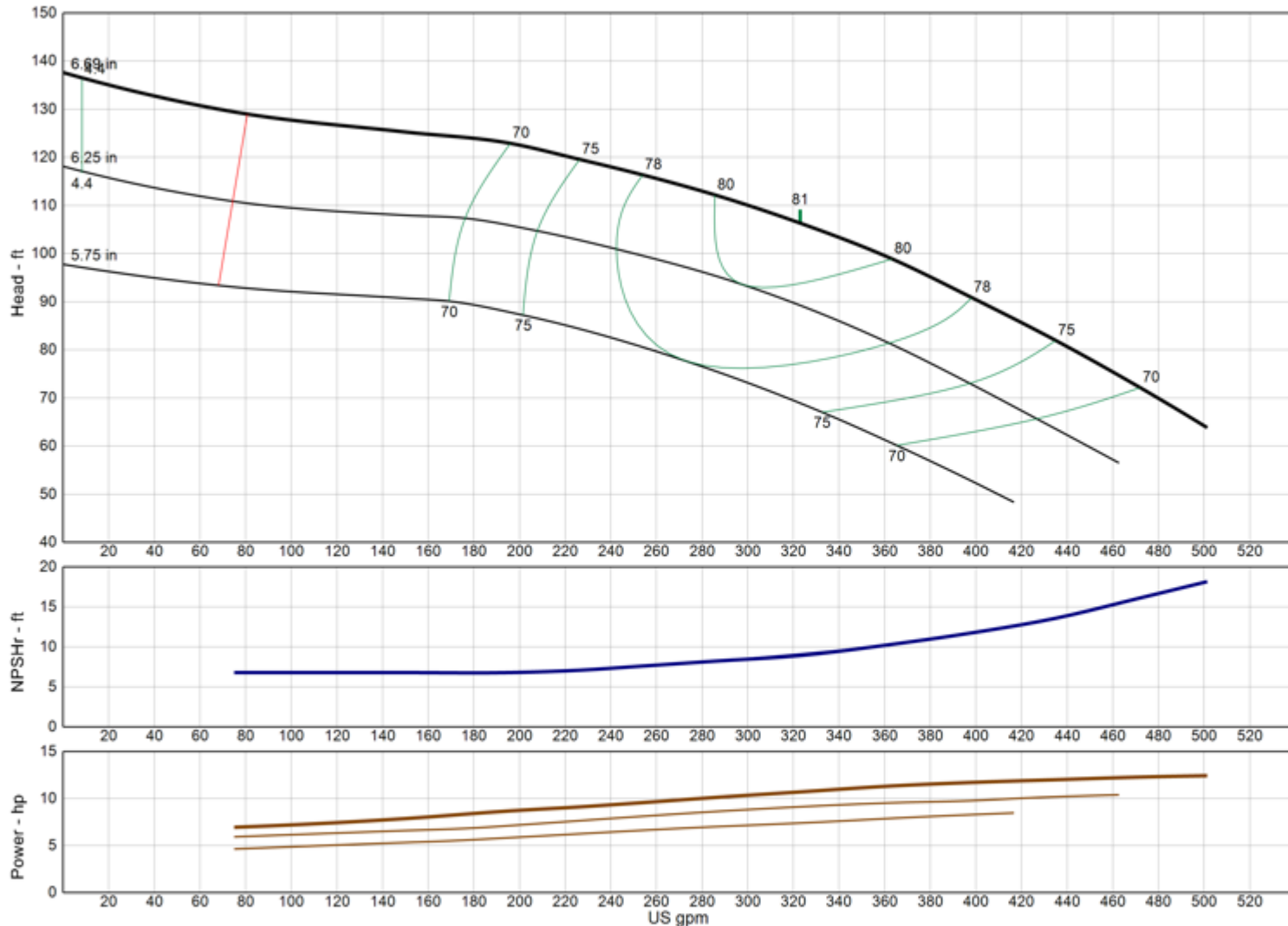
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# MODEL 9WALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>9WALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1600
Thrust K-Factor	3.75 lb/ft
Bowl OD	9.25 in
Bowl Lateral	0.56 in
Max PSI	470 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

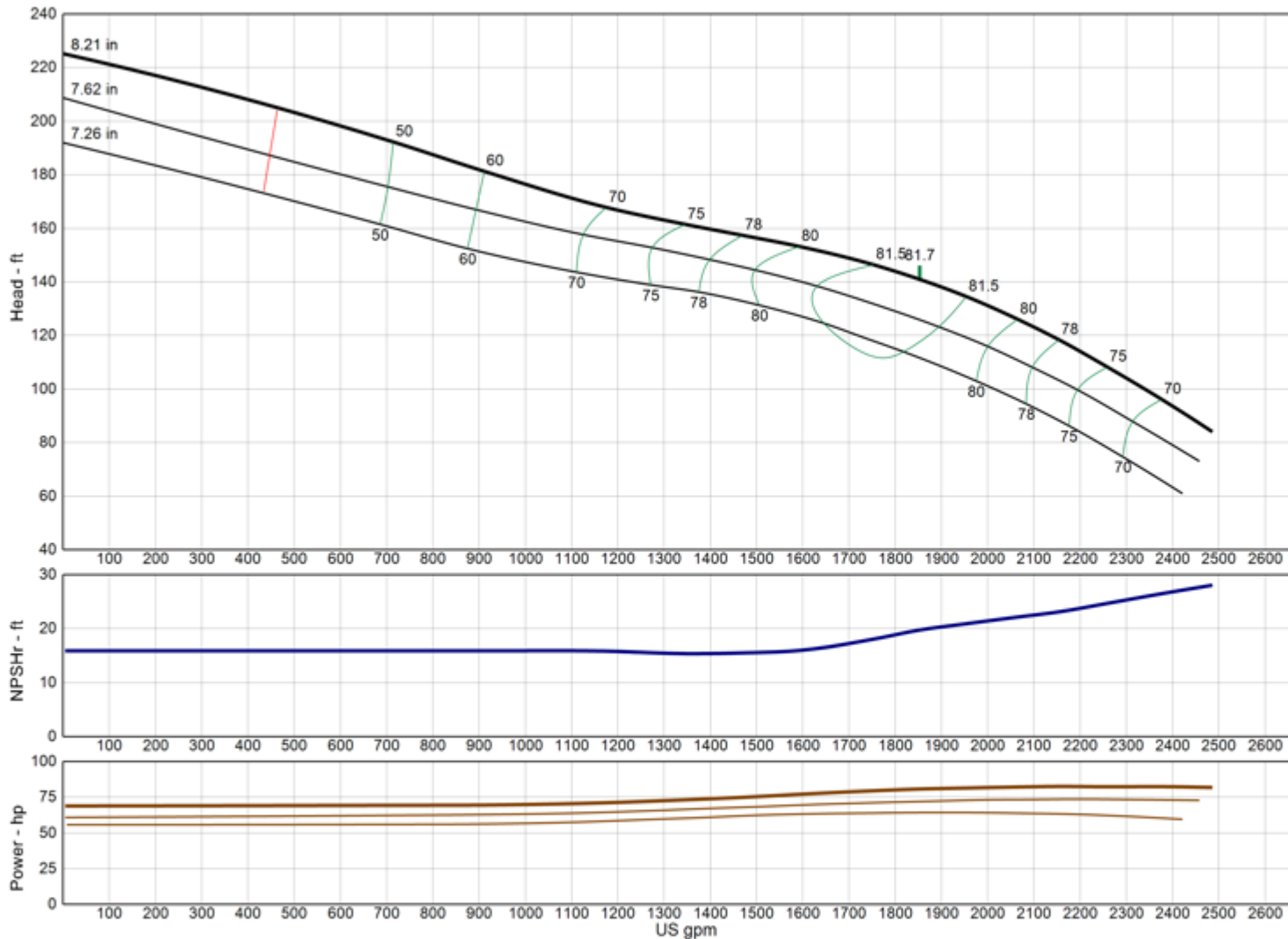
Lubbock, Texas

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# MODEL 10DXC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10DXC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	3105
Thrust K-Factor	14.00 lb/ft
Bowl OD	11.50 in
Bowl Lateral	0.62 in
Max PSI	370 psi
Thd Disch Size	4", 6", 8"

### TURBINE OPERATIONS

Lubbock, Texas

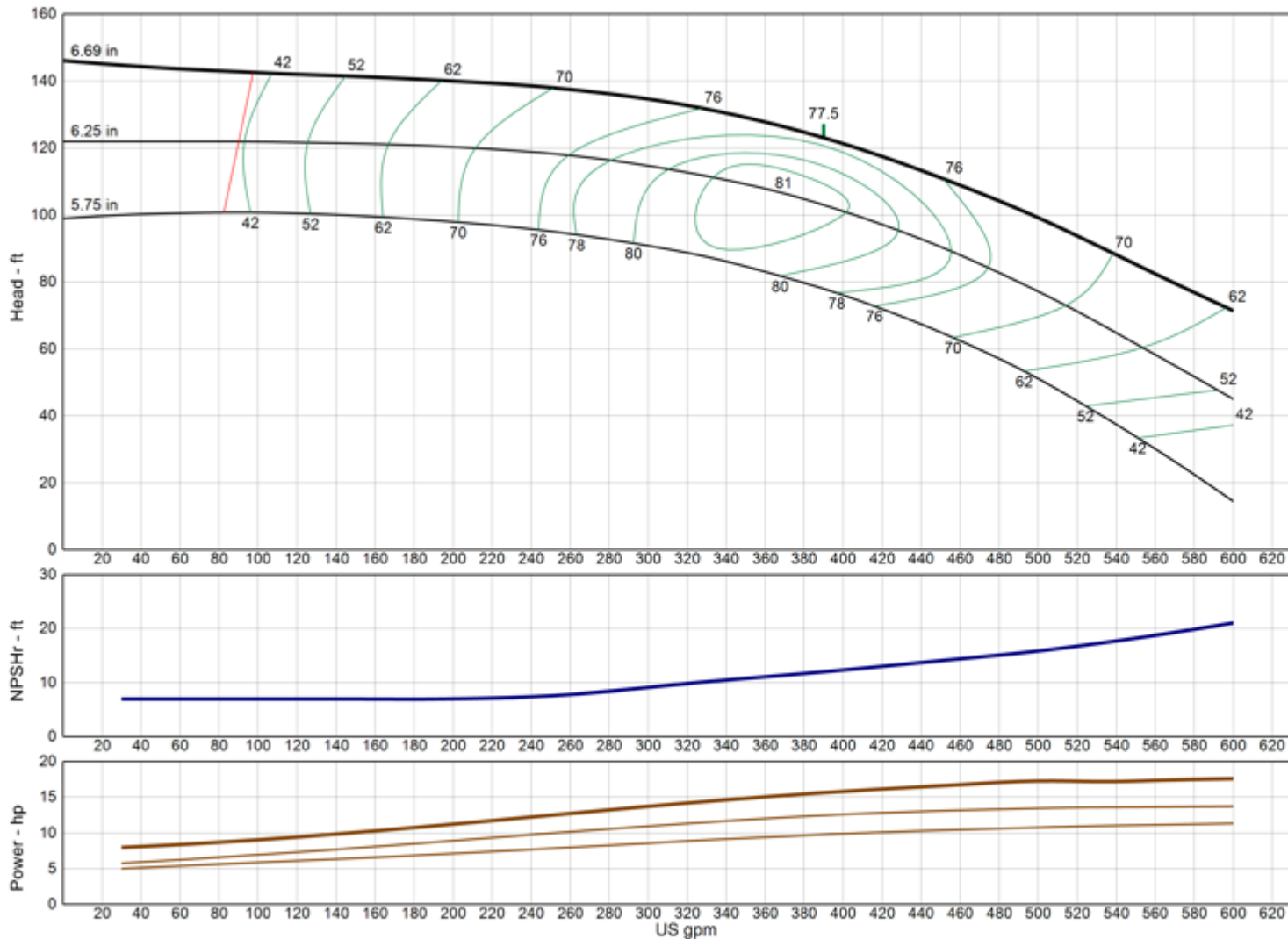
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# MODEL 10RAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10RAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1575
Thrust K-Factor	3.75 lb/ft
Bowl OD	9.50 in
Bowl Lateral	0.38 in
Max PSI	370 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

Lubbock, Texas

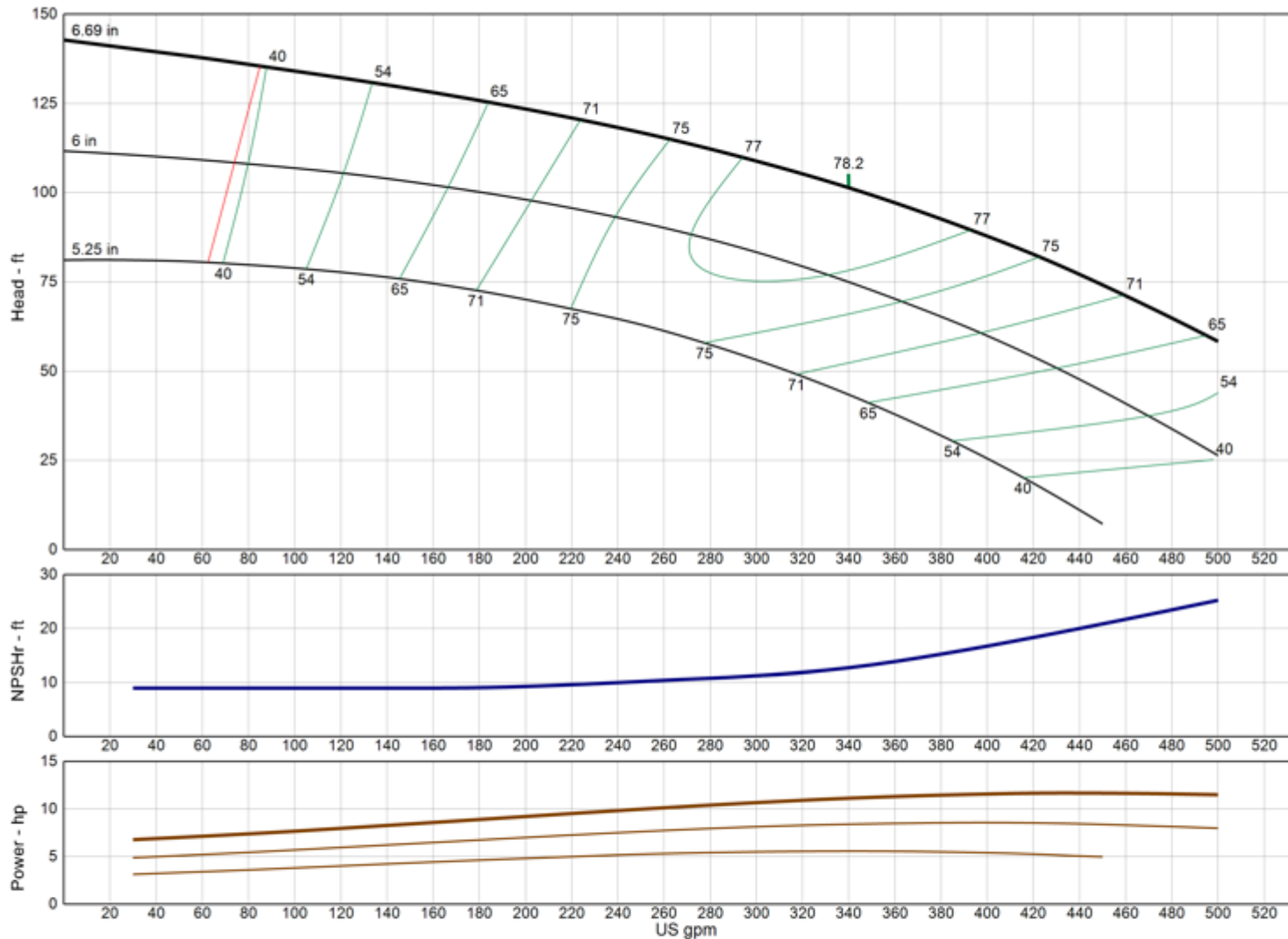
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# MODEL 10RALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10RALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1700
Thrust K-Factor	3.75 lb/ft
Bowl OD	9.50 in
Bowl Lateral	0.38 in
Max PSI	370 psi
Thd Disch Size	4", 5", 6", 8"

**TURBINE OPERATIONS**  
Lubbock, Texas

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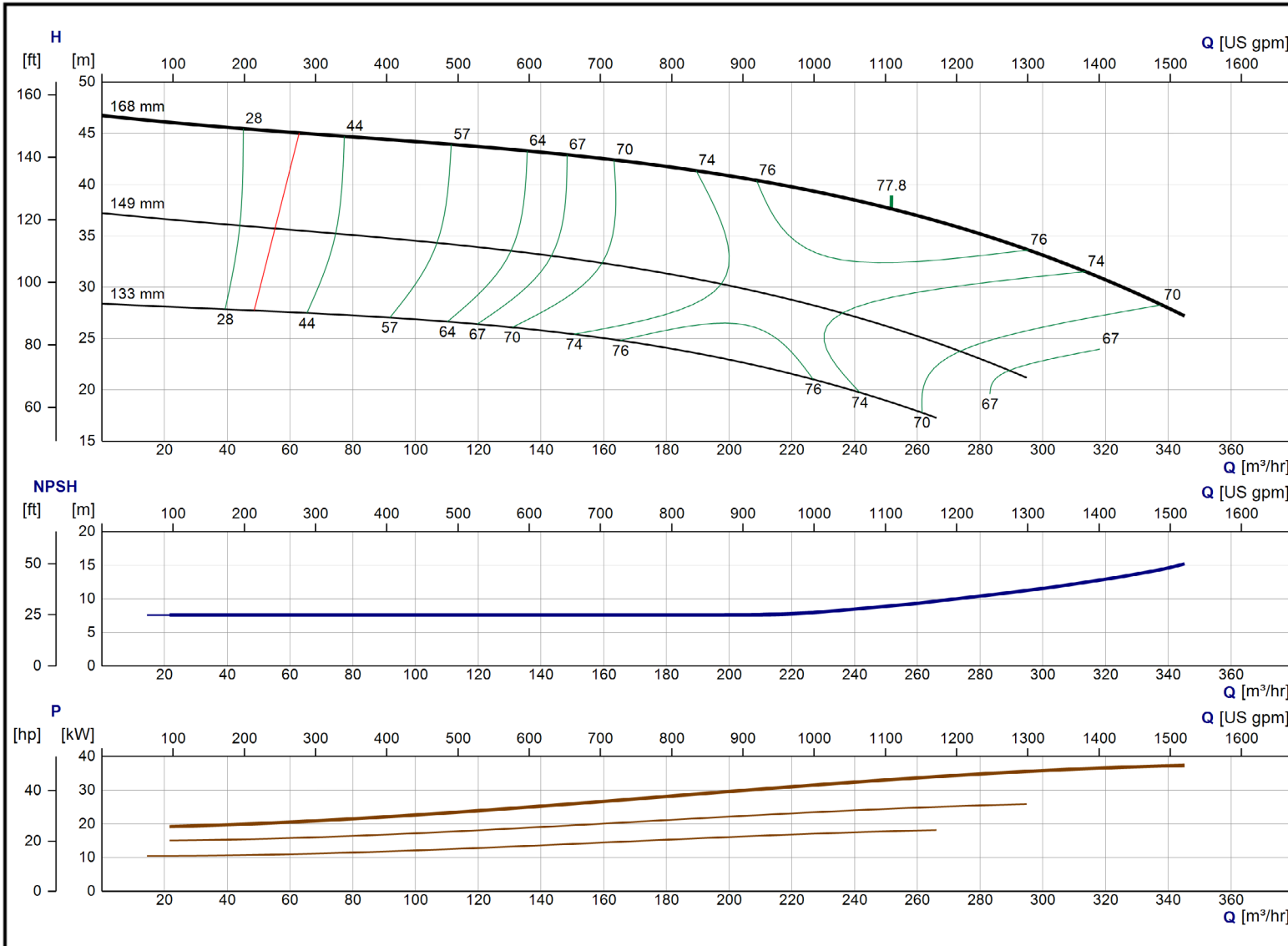




# MODEL 10RJHC

(Effective January 11, 2022)

## Vertical Turbine Pump



<b>Model</b>	<b>10RJHC</b>
<b>RPM</b>	<b>2950</b>
<b>Freq   Poles</b>	<b>50 Hz   2-pole</b>
<b>Pump Type</b>	<b>Lineshaft</b>
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
<b>Impeller Type</b>	<b>Enclosed</b>
<b>Ns</b>	<b>2780</b>
<b>Thrust K-Factor</b>	<b>7.00 lb/ft</b>
<b>Bowl OD</b>	<b>9.50 in</b>
<b>Bowl Lateral</b>	<b>0.75 in</b>
<b>Max PSI</b>	<b>370 psi</b>
<b>Thd Disch Size</b>	<b>4", 5", 6", 8"</b>

**TURBINE OPERATIONS**  
Lubbock, Texas

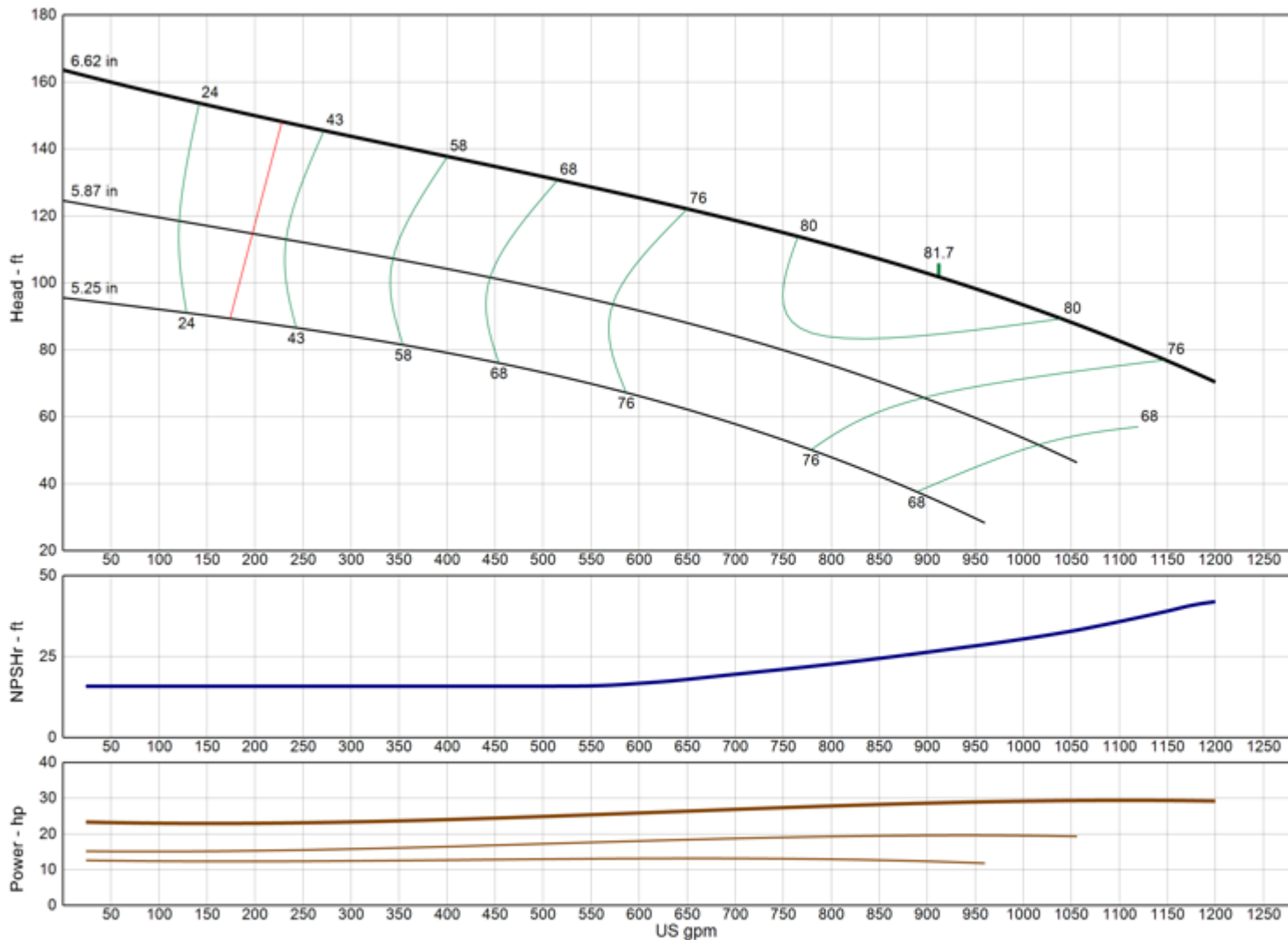
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# MODEL 10RJLC

(Effective December 18, 2019)

## Vertical Turbine Pump



**Model** 10RJLC

**RPM** 2950

Freq | Poles 50 Hz | 2-pole

Pump Type Lineshaft

**EFFICIENCY CORRECTION**

1-STAGE 0.0

2-STAGE 0.0

3-STAGE 0.0

4-STAGE 0.0

Impeller Type Enclosed

Ns 2780

Thrust K-Factor 7.00 lb/ft

Bowl OD 9.50 in

Bowl Lateral 0.75 in

Max PSI 370 psi

Thd Disch Size 4", 5", 6", 8"

**TURBINE OPERATIONS**

Lubbock, Texas

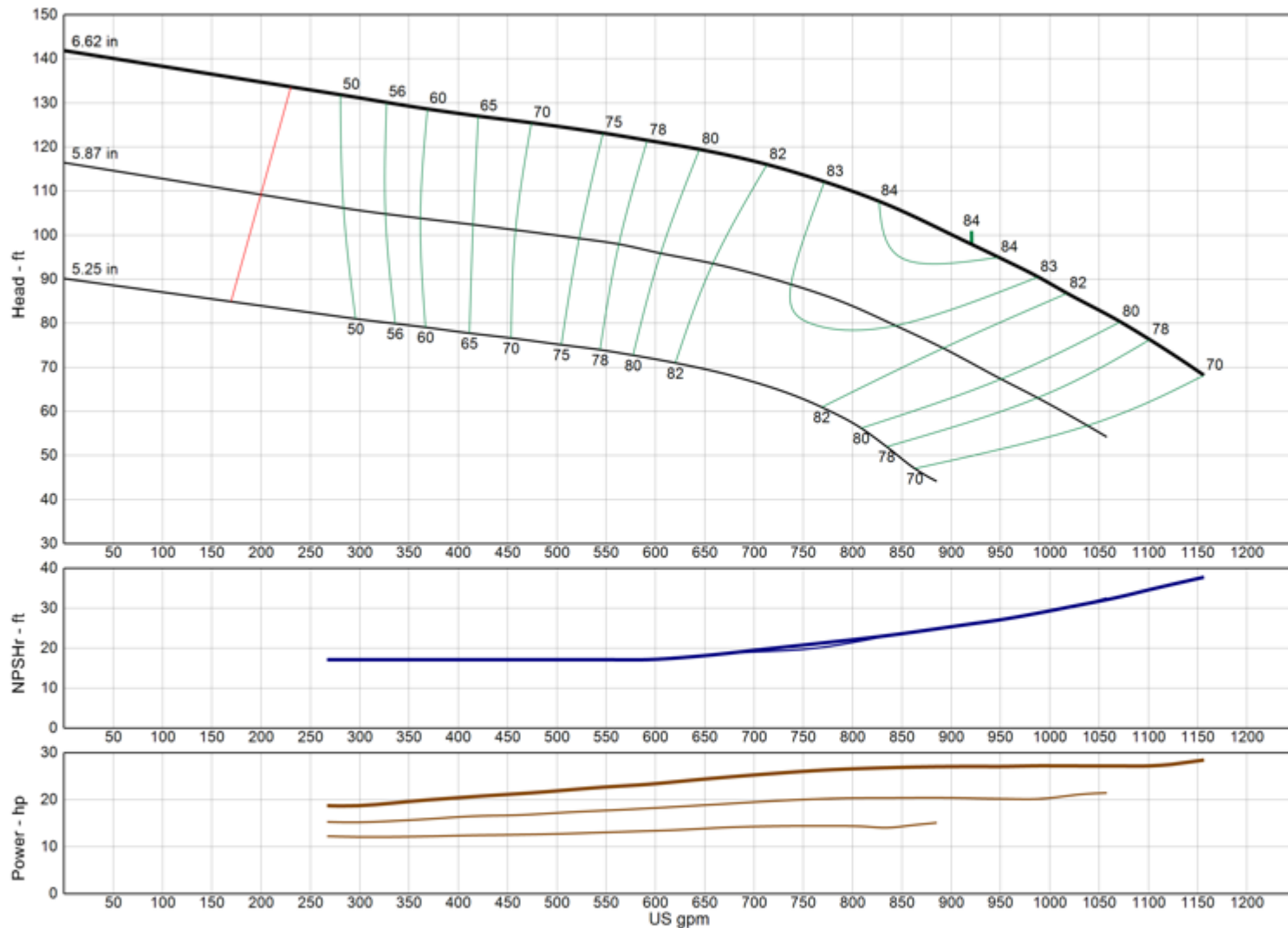
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.



# MODEL 10RJLO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10RJLO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	<b>Open</b>
Ns	<b>2875</b>
Thrust K-Factor	<b>9.50 lb/ft</b>
Bowl OD	9.50 in
Bowl Lateral	0.75 in
Max PSI	370 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

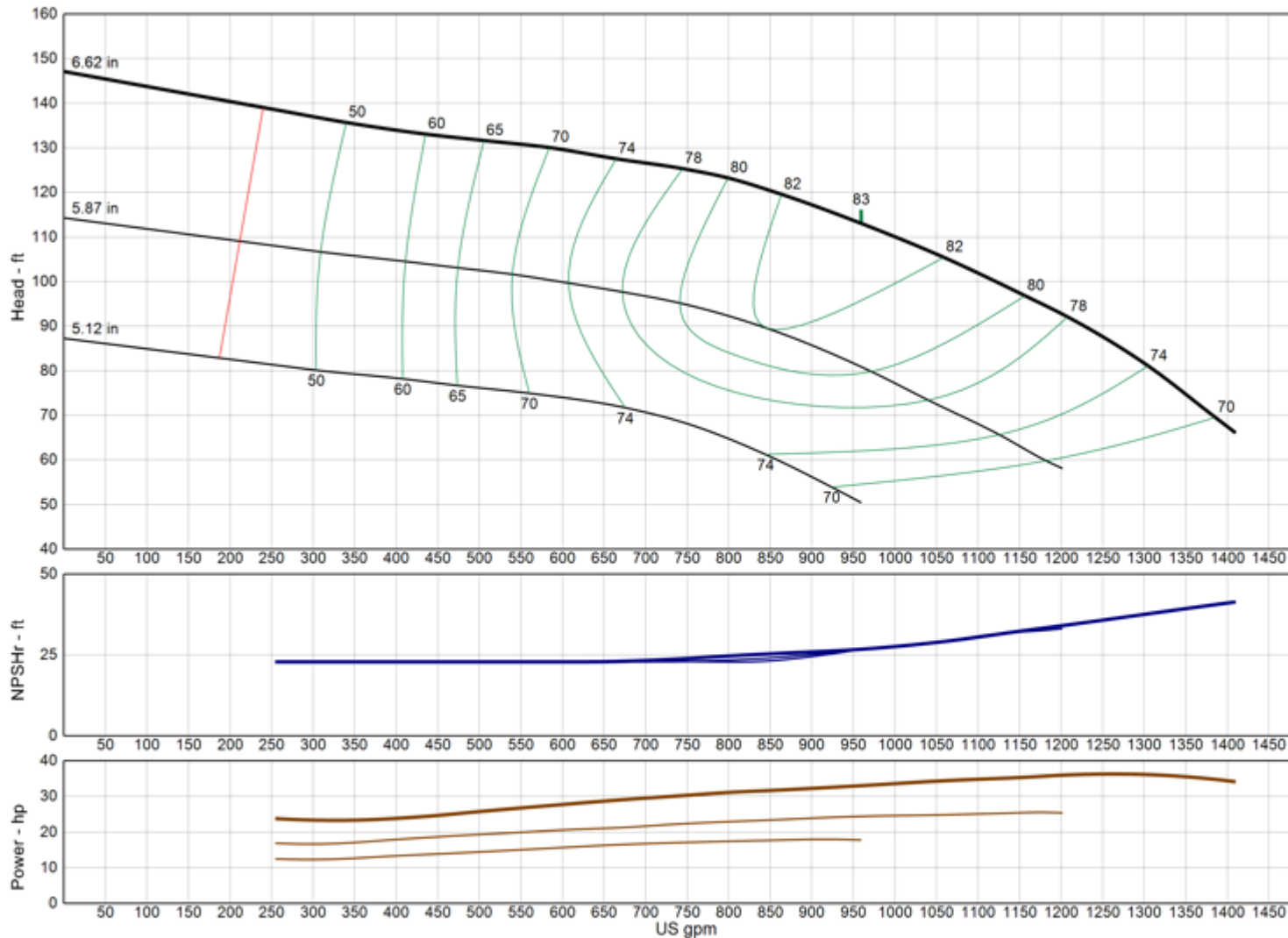
Lubbock, Texas

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# MODEL 10RJMC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10RJMC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	2635
Thrust K-Factor	7.00 lb/ft
Bowl OD	9.50 in
Bowl Lateral	0.75 in
Max PSI	370 psi
Thd Disch Size	4", 5", 6", 8"

**TURBINE OPERATIONS**  
 Lubbock, Texas

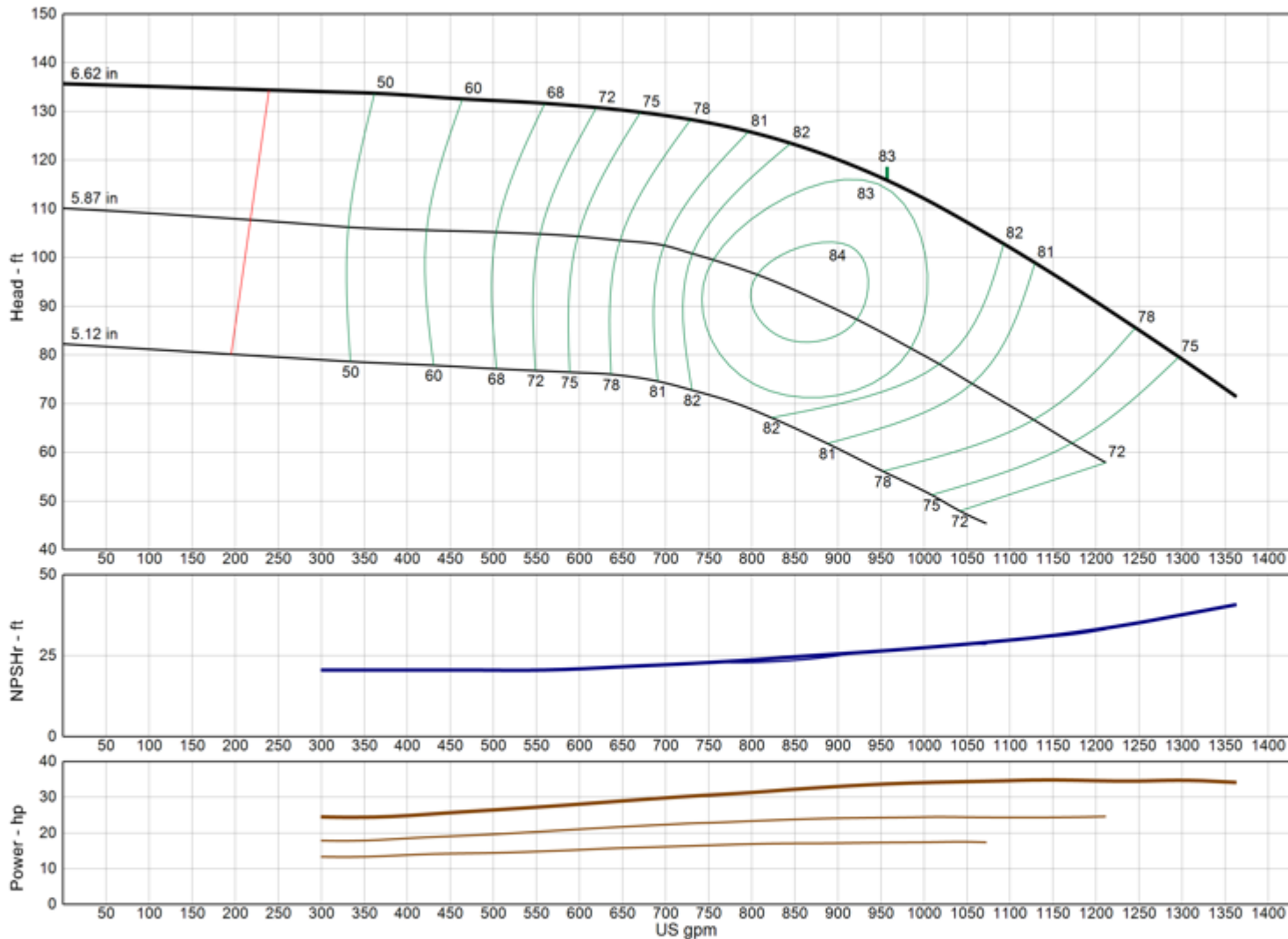
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# MODEL 10RJMO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10RJMO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Open
Ns	2585
Thrust K-Factor	9.50 lb/ft
Bowl OD	9.50 in
Bowl Lateral	0.75 in
Max PSI	370 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

Lubbock, Texas

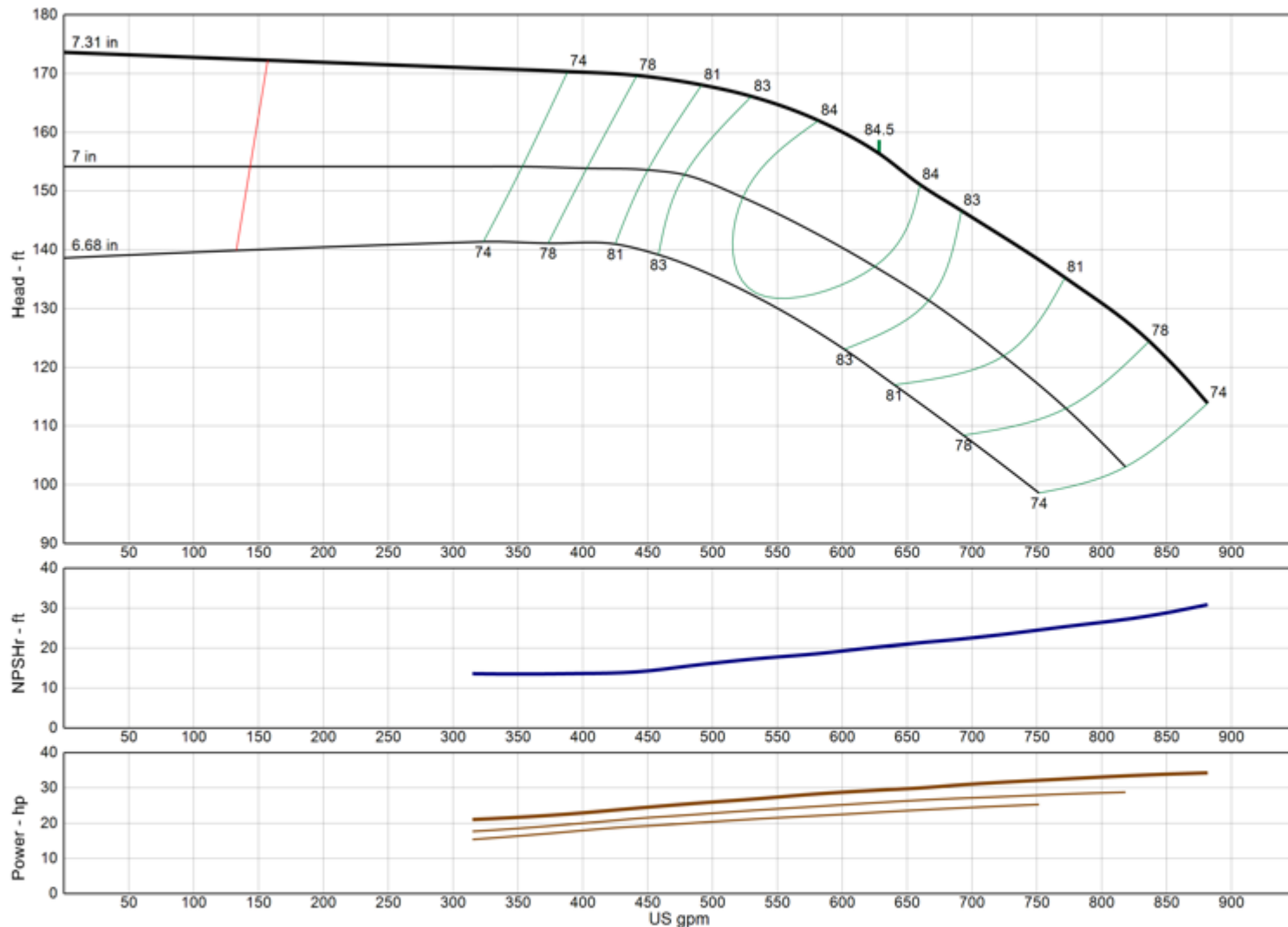
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# MODEL 10WAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10WAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1670
Thrust K-Factor	4.65 lb/ft
Bowl OD	9.50 in
Bowl Lateral	0.63 in
Max PSI	370 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

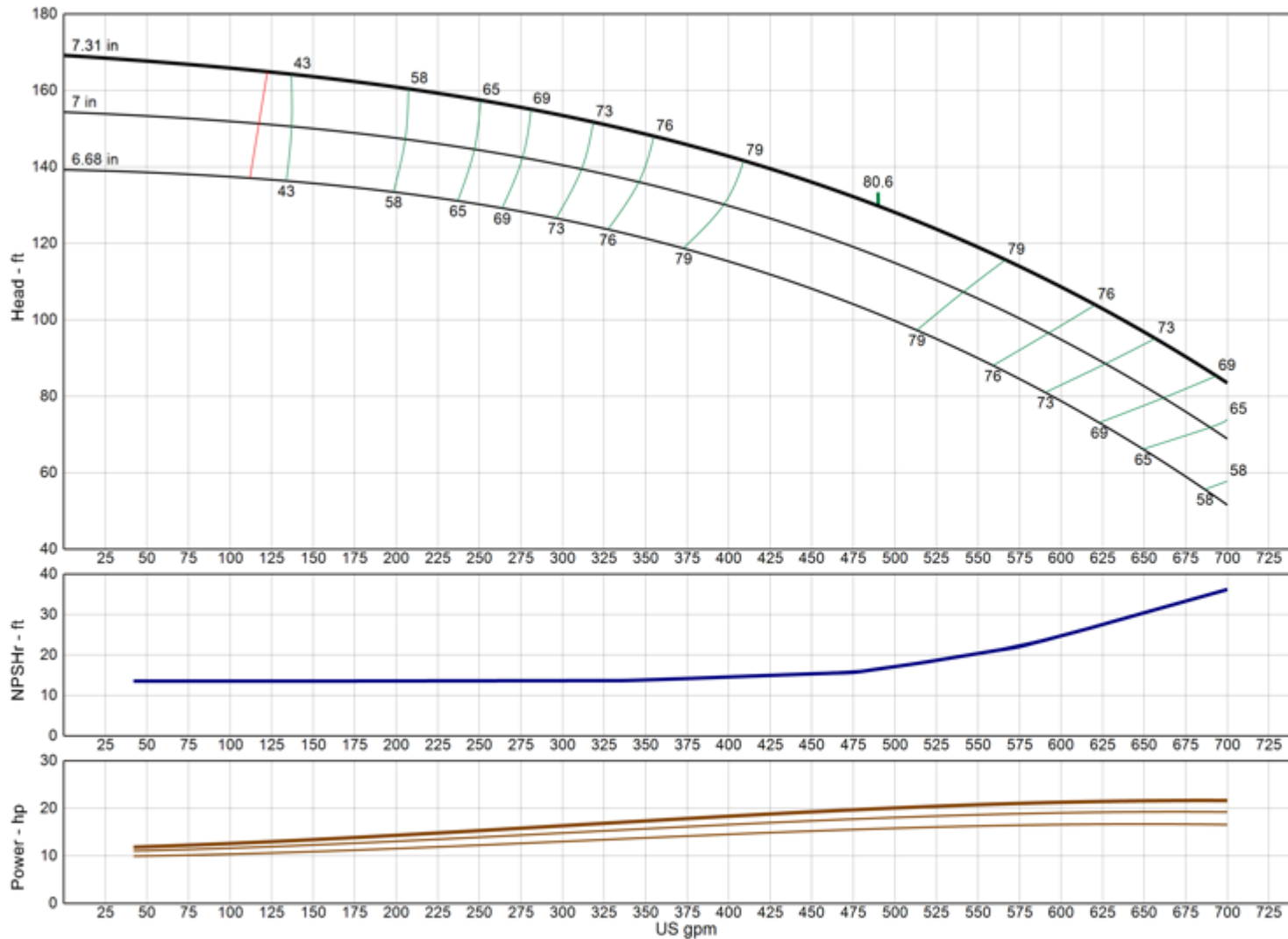
Lubbock, Texas

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# MODEL 10WALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>10WALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1700
Thrust K-Factor	4.60 lb/ft
Bowl OD	9.50 in
Bowl Lateral	0.63 in
Max PSI	370 psi
Thd Disch Size	4", 5", 6", 8"

### TURBINE OPERATIONS

Lubbock, Texas

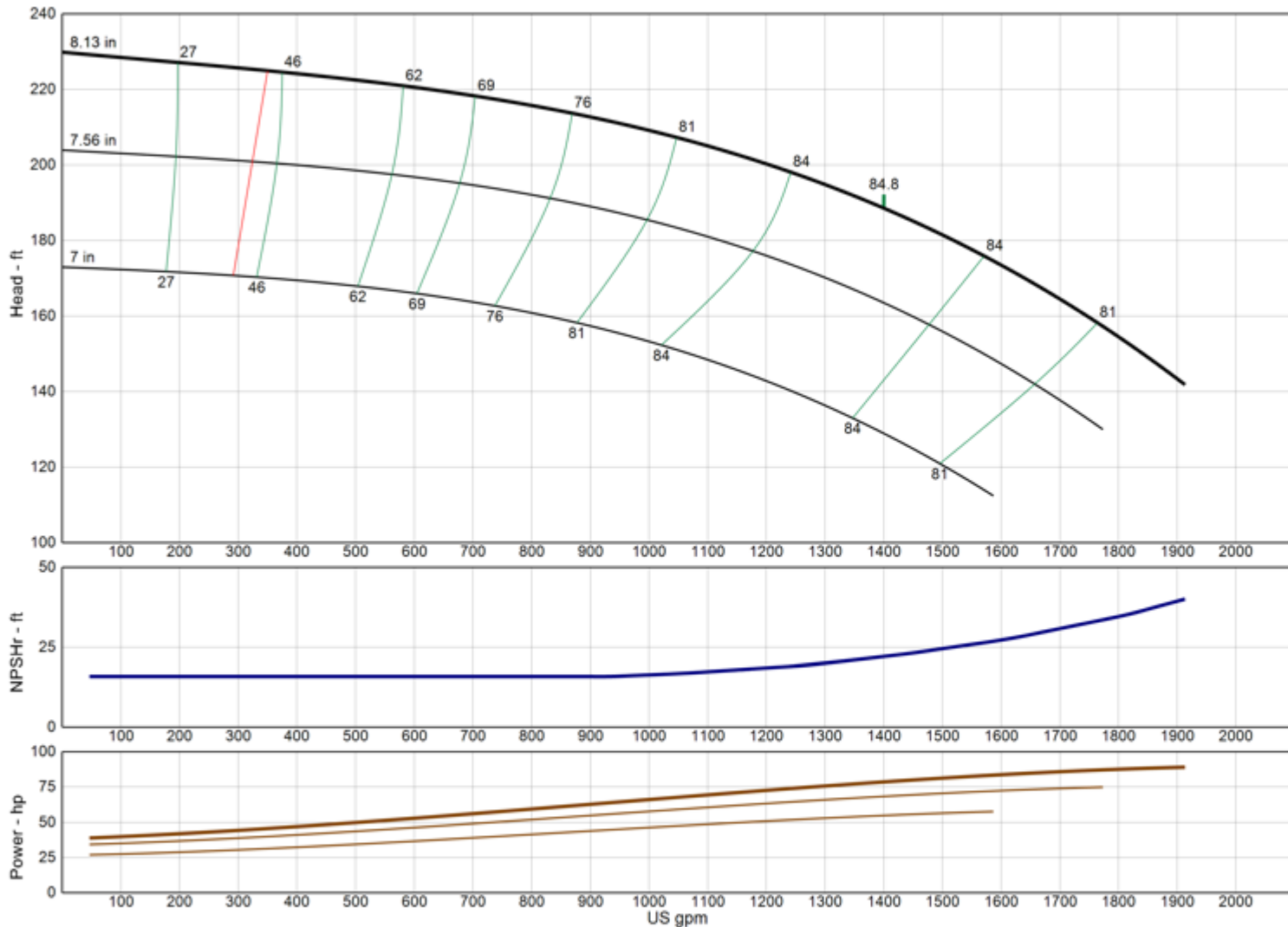
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# MODEL 11CHC

(Effective December 18, 2019)

## Vertical Turbine Pump



**Model** 11CHC

**RPM** 2950

Freq | Poles 50 Hz | 2-pole

Pump Type Lineshaft

**EFFICIENCY CORRECTION**

1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0

Impeller Type Enclosed

Ns 2170

Thrust K-Factor 7.00 lb/ft

Bowl OD 11.00 in

Bowl Lateral 0.88 in

Max PSI 400 psi

Thd Disch Size 6", 8", 10"

**TURBINE OPERATIONS**

Lubbock, Texas

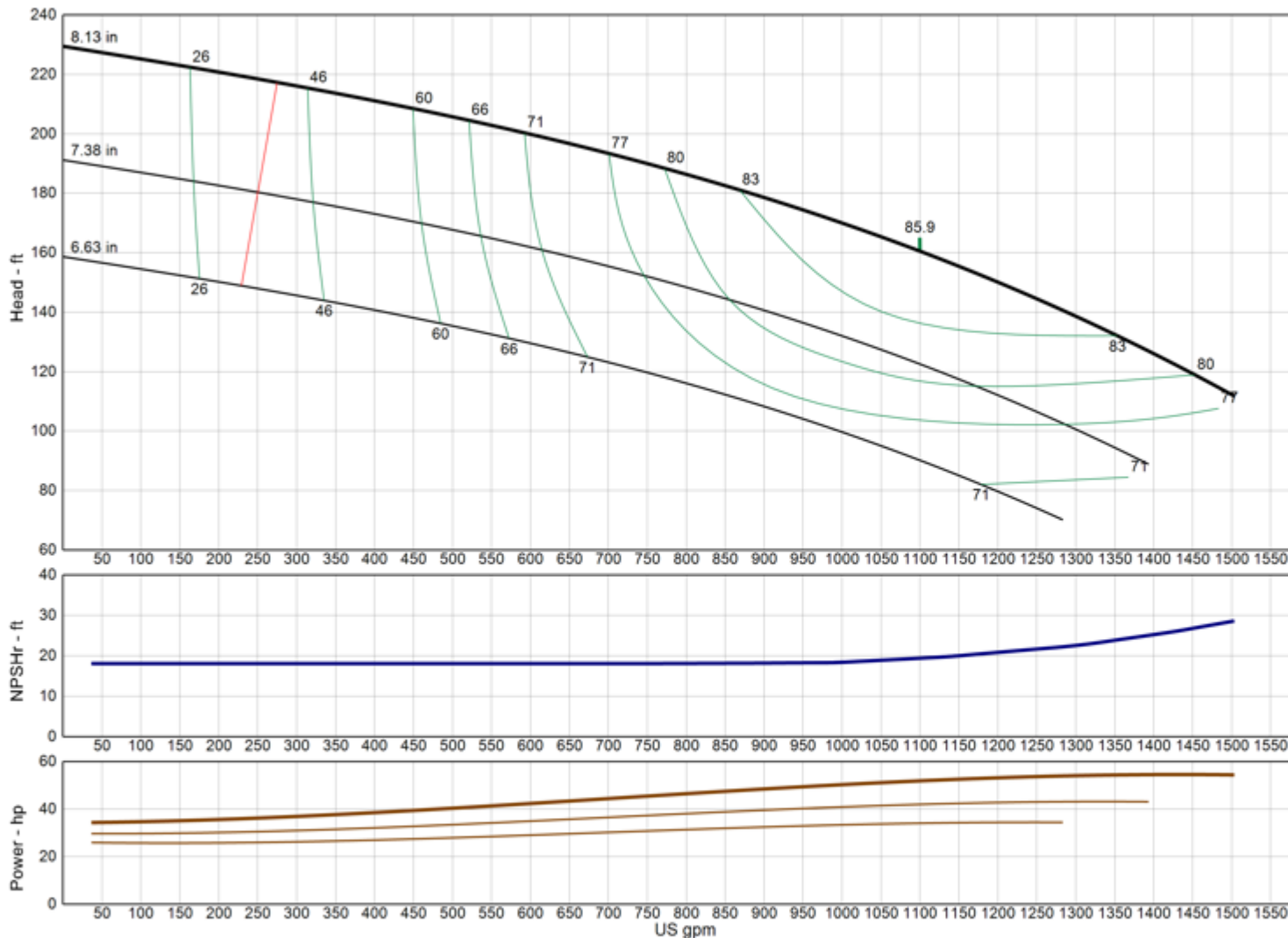
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# MODEL 11CLC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11CLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	2170
Thrust K-Factor	7.00 lb/ft
Bowl OD	11.00 in
Bowl Lateral	0.88 in
Max PSI	400 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

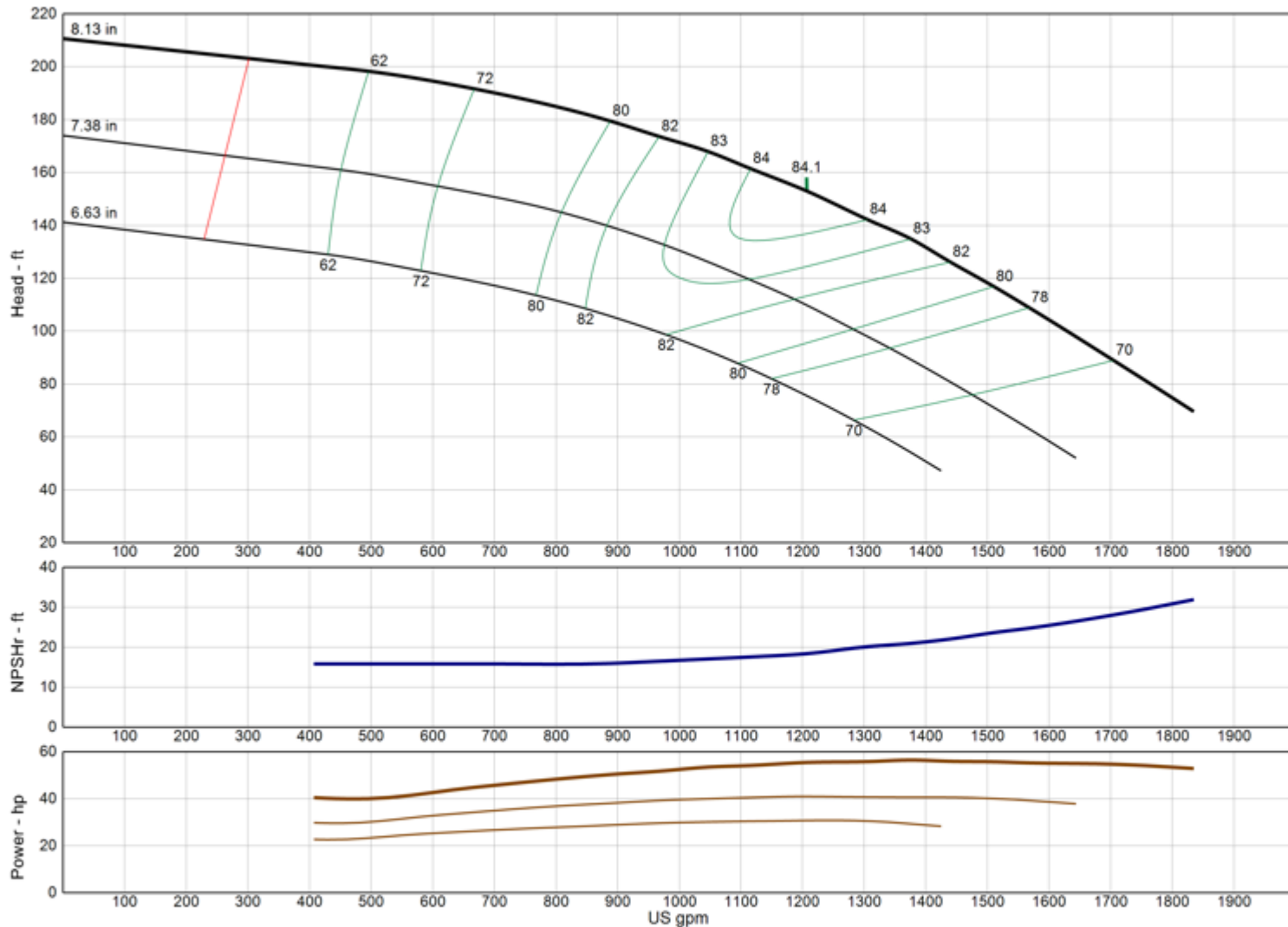
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 11CLO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11CLO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-1.5
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	Open
Ns	2355
Thrust K-Factor	9.10 lb/ft
Bowl OD	11.00 in
Bowl Lateral	0.88 in
Max PSI	400 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

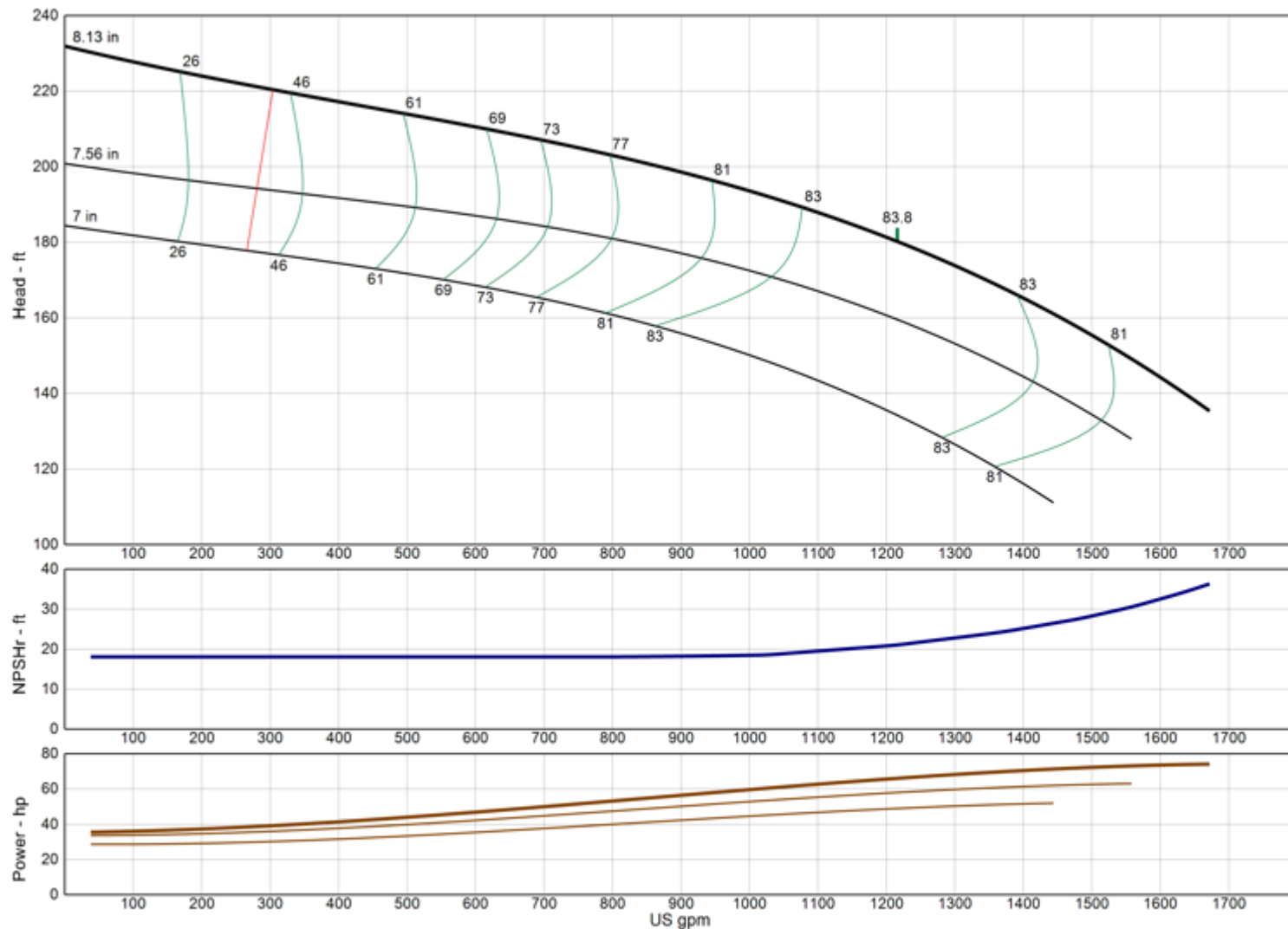
Lubbock, Texas

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# MODEL 11CMC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11CMC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2090</b>
Thrust K-Factor	<b>7.00 lb/ft</b>
Bowl OD	11.00 in
Bowl Lateral	0.88 in
Max PSI	400 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

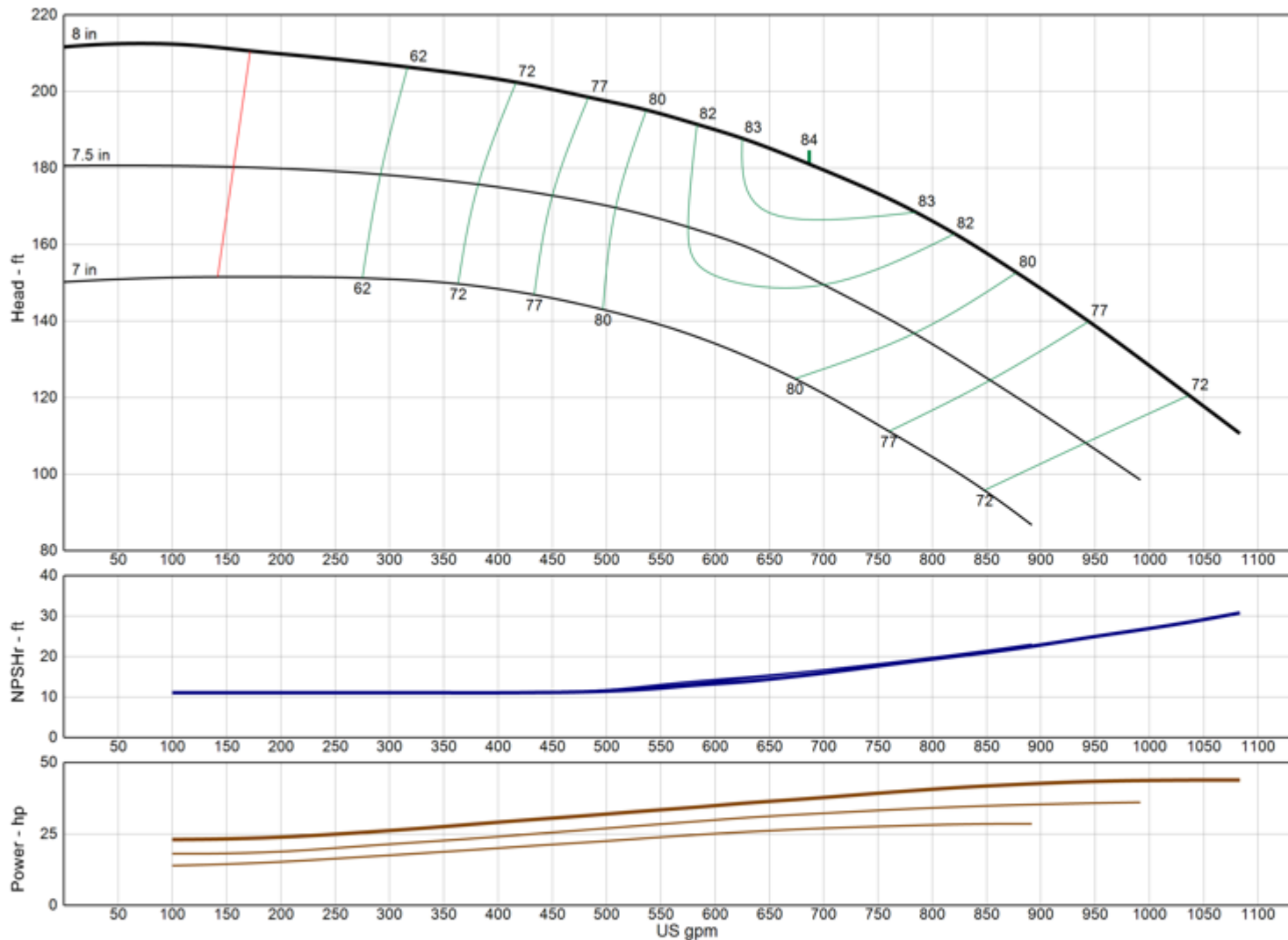
Lubbock, Texas

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

# MODEL 11RAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11RAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-5.0
2-STAGE	-3.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1565
Thrust K-Factor	5.30 lb/ft
Bowl OD	11.60 in
Bowl Lateral	0.38 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

Lubbock, Texas

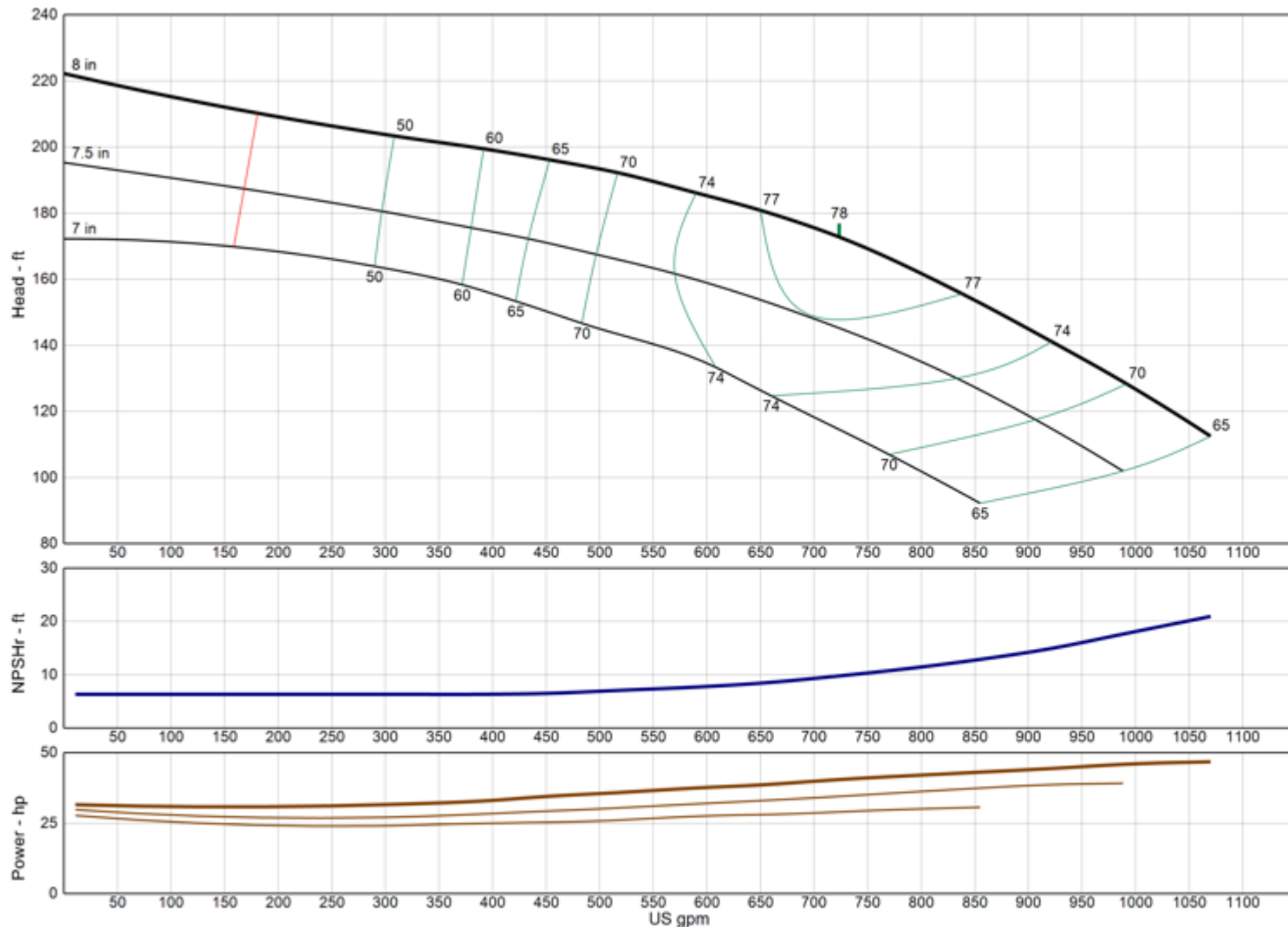
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# MODEL 11RAHXC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11RAHXC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1665
Thrust K-Factor	7.90 lb/ft
Bowl OD	11.60 in
Bowl Lateral	0.37 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

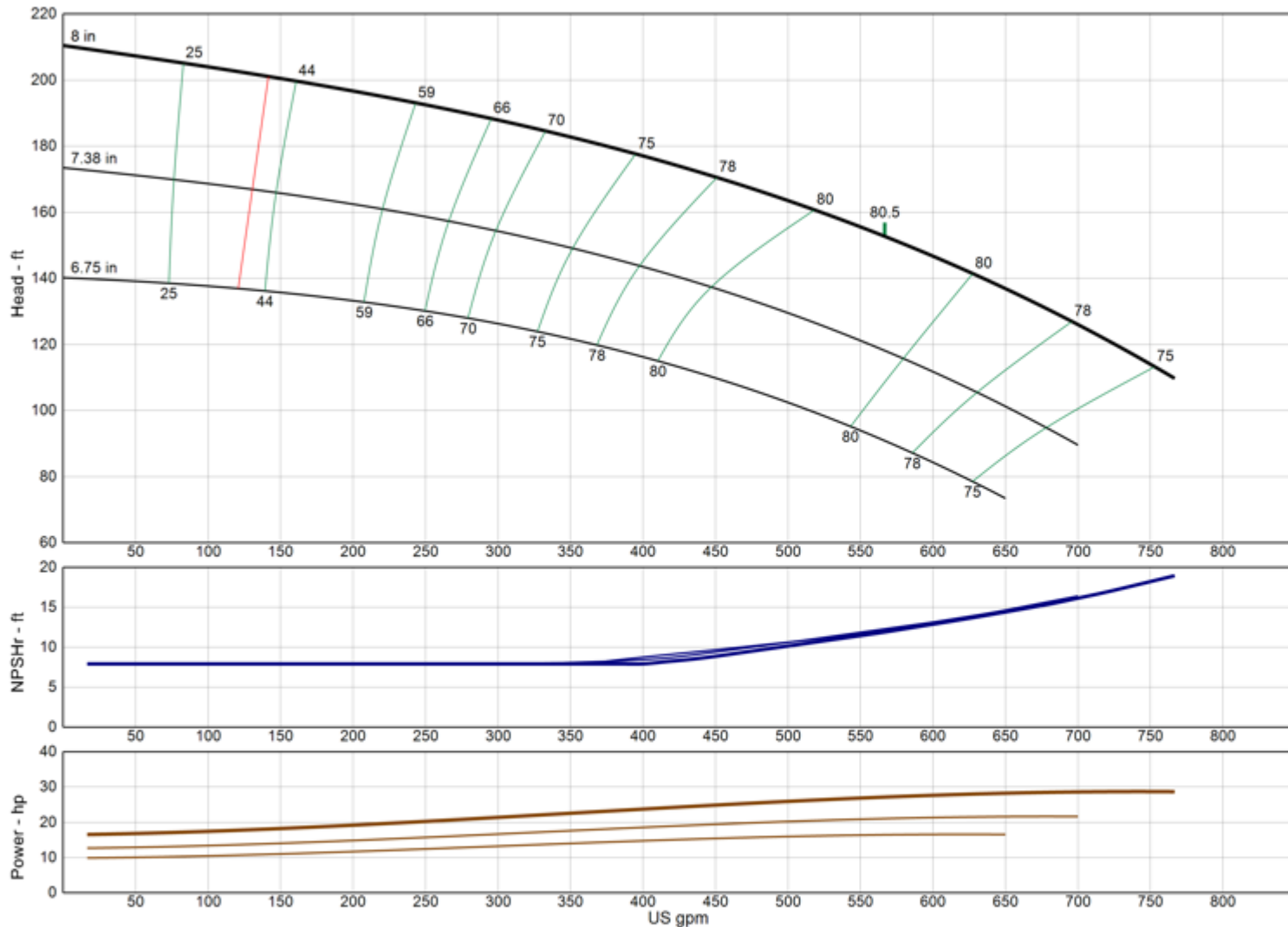
Lubbock, Texas

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# MODEL 11RALC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11RALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-5.0
2-STAGE	-3.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1615
Thrust K-Factor	5.30 lb/ft
Bowl OD	11.60 in
Bowl Lateral	0.38 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

Lubbock, Texas

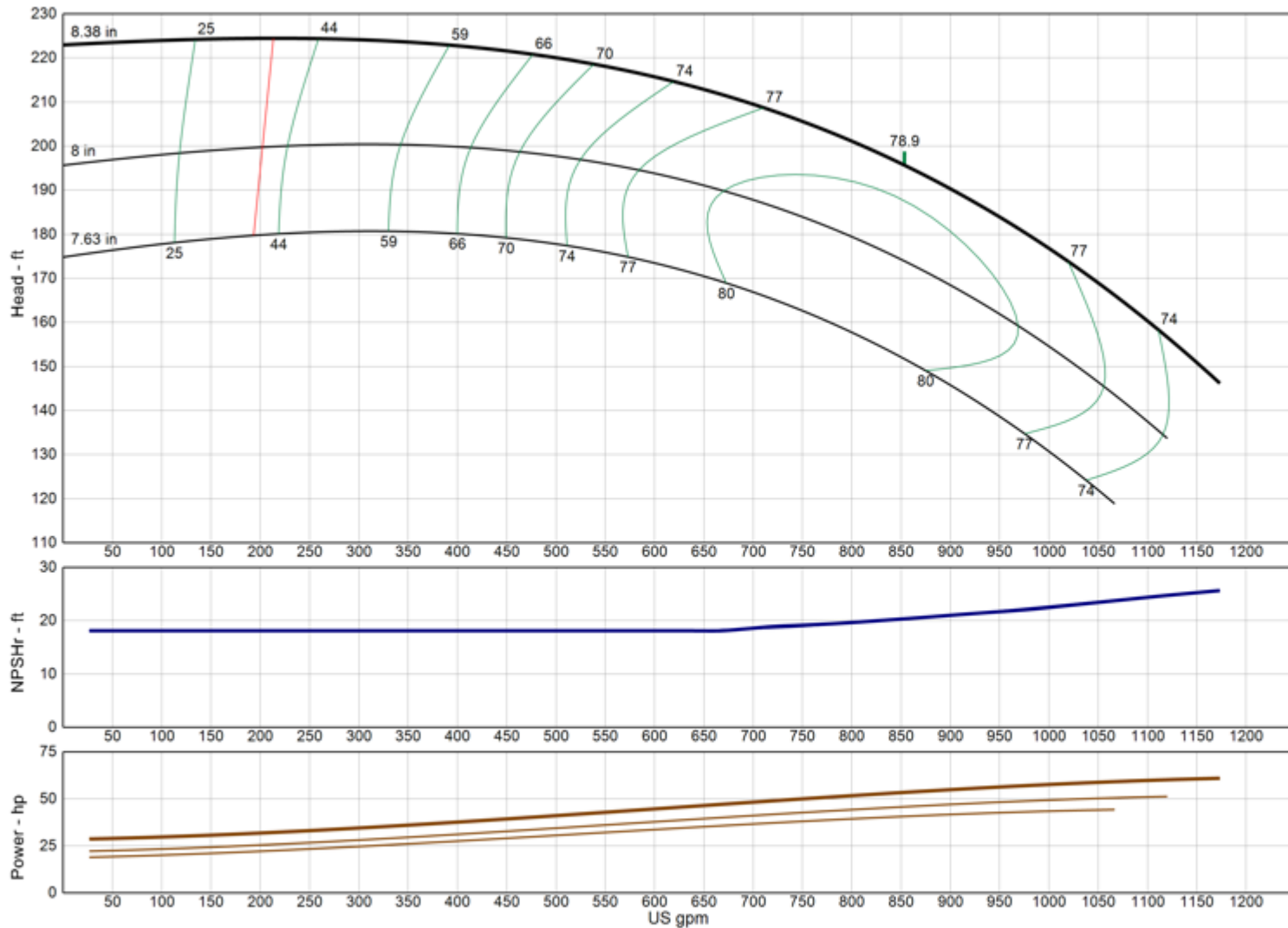
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# MODEL 11WAHC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11WAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1645
Thrust K-Factor	6.00 lb/ft
Bowl OD	11.00 in
Bowl Lateral	0.75 in
Max PSI	450 psi
Thd Disch Size	6", 8"

### TURBINE OPERATIONS

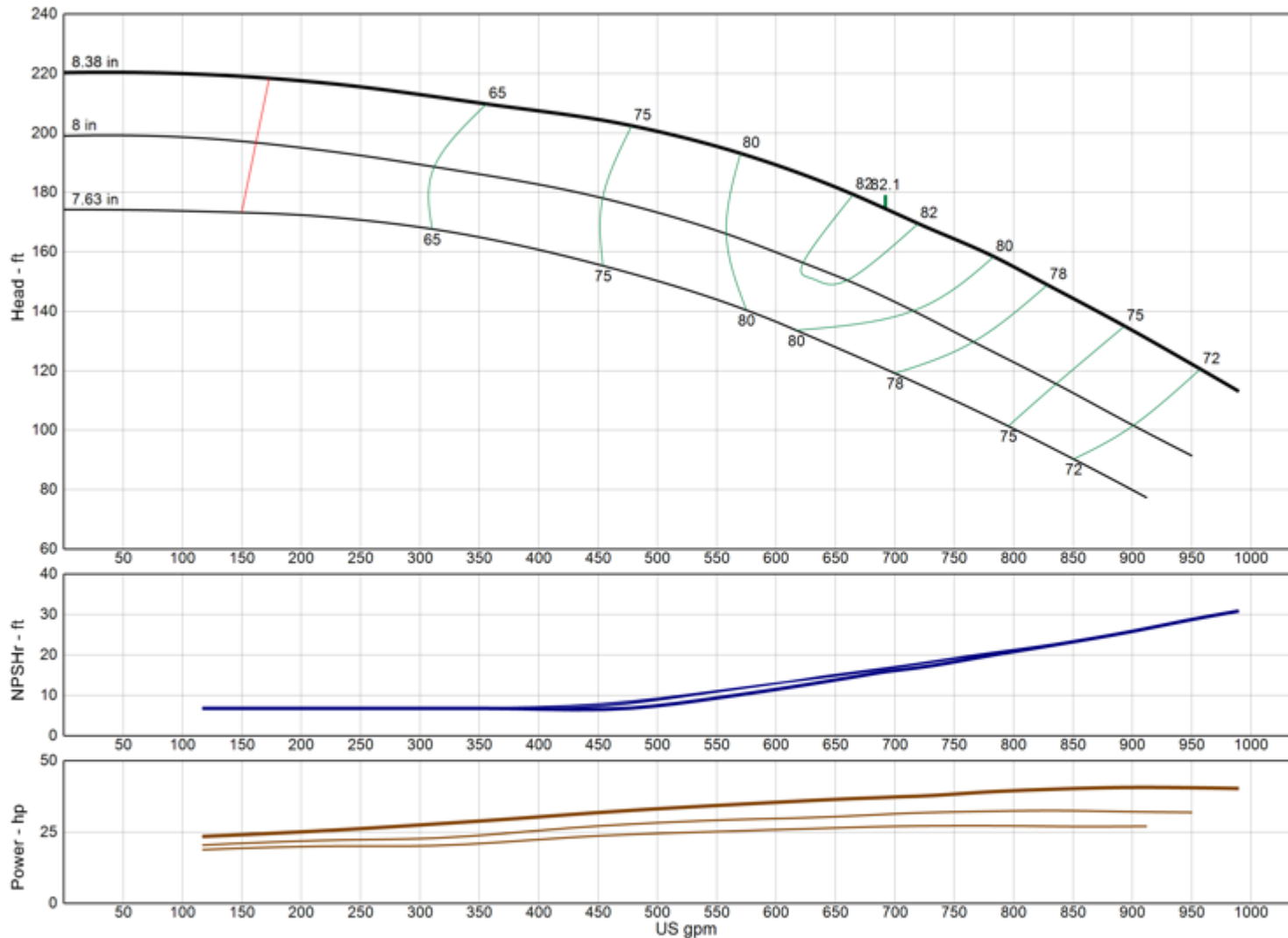
Lubbock, Texas

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# MODEL 11WALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>11WALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1615
Thrust K-Factor	6.00 lb/ft
Bowl OD	11.00 in
Bowl Lateral	0.75 in
Max PSI	450 psi
Thd Disch Size	6", 8"

### TURBINE OPERATIONS

Lubbock, Texas

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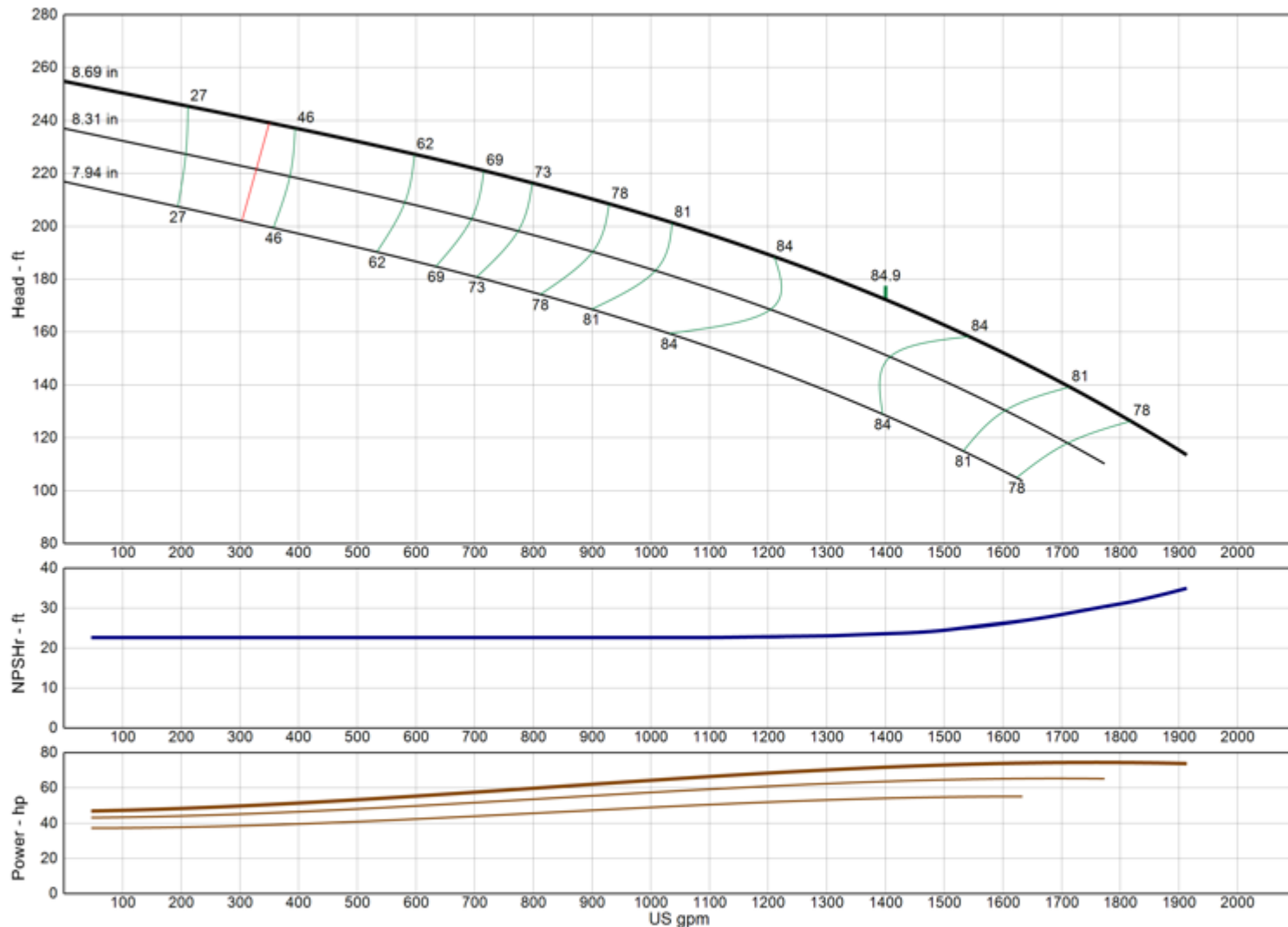




# MODEL 12CLC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>12CLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2320</b>
Thrust K-Factor	<b>7.50 lb/ft</b>
Bowl OD	11.75 in
Bowl Lateral	1.00 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

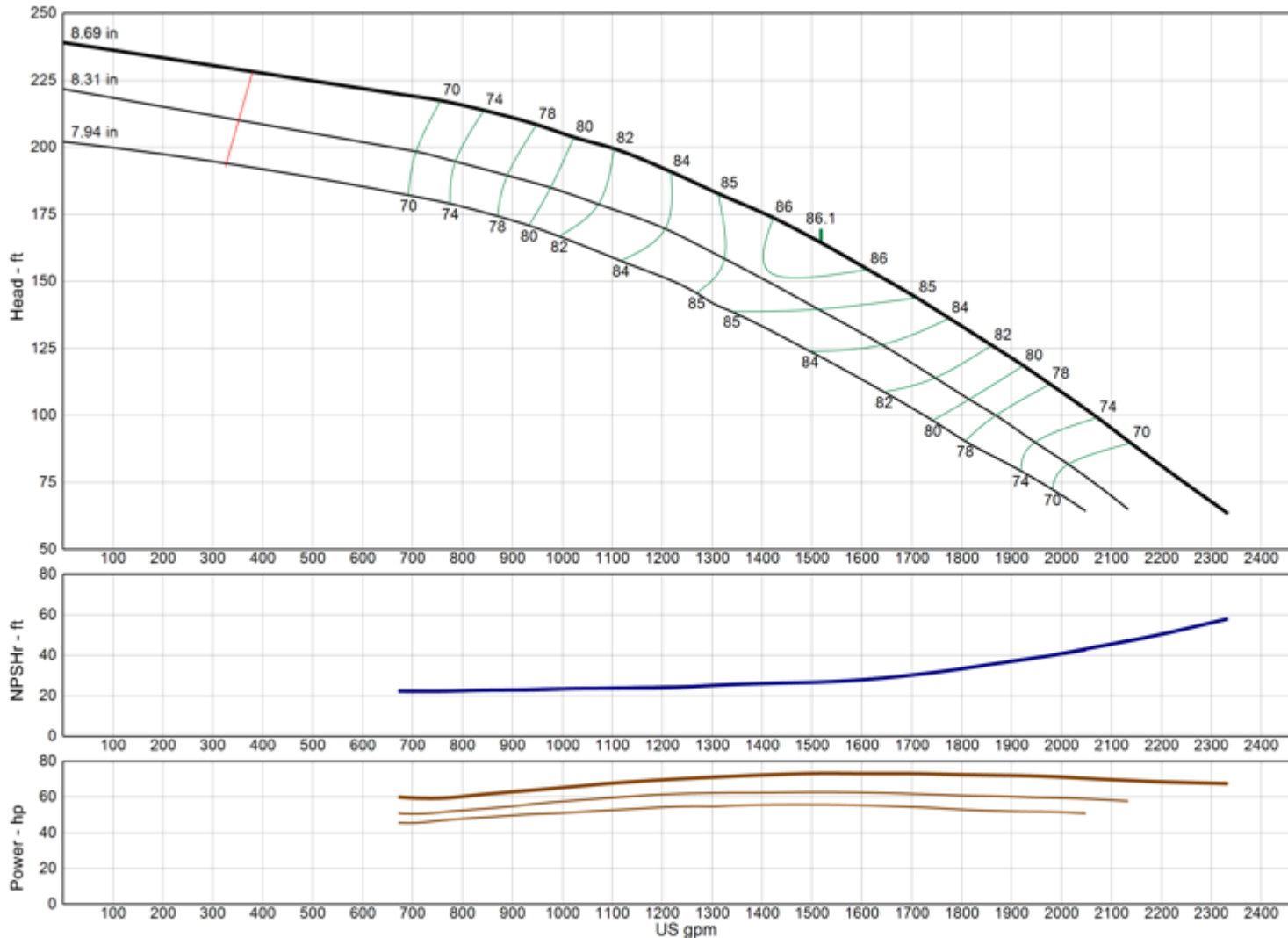
Lubbock, Texas

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# MODEL 12CLO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>12CLO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	Open
Ns	2505
Thrust K-Factor	10.00 lb/ft
Bowl OD	11.75 in
Bowl Lateral	1.00 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

Lubbock, Texas

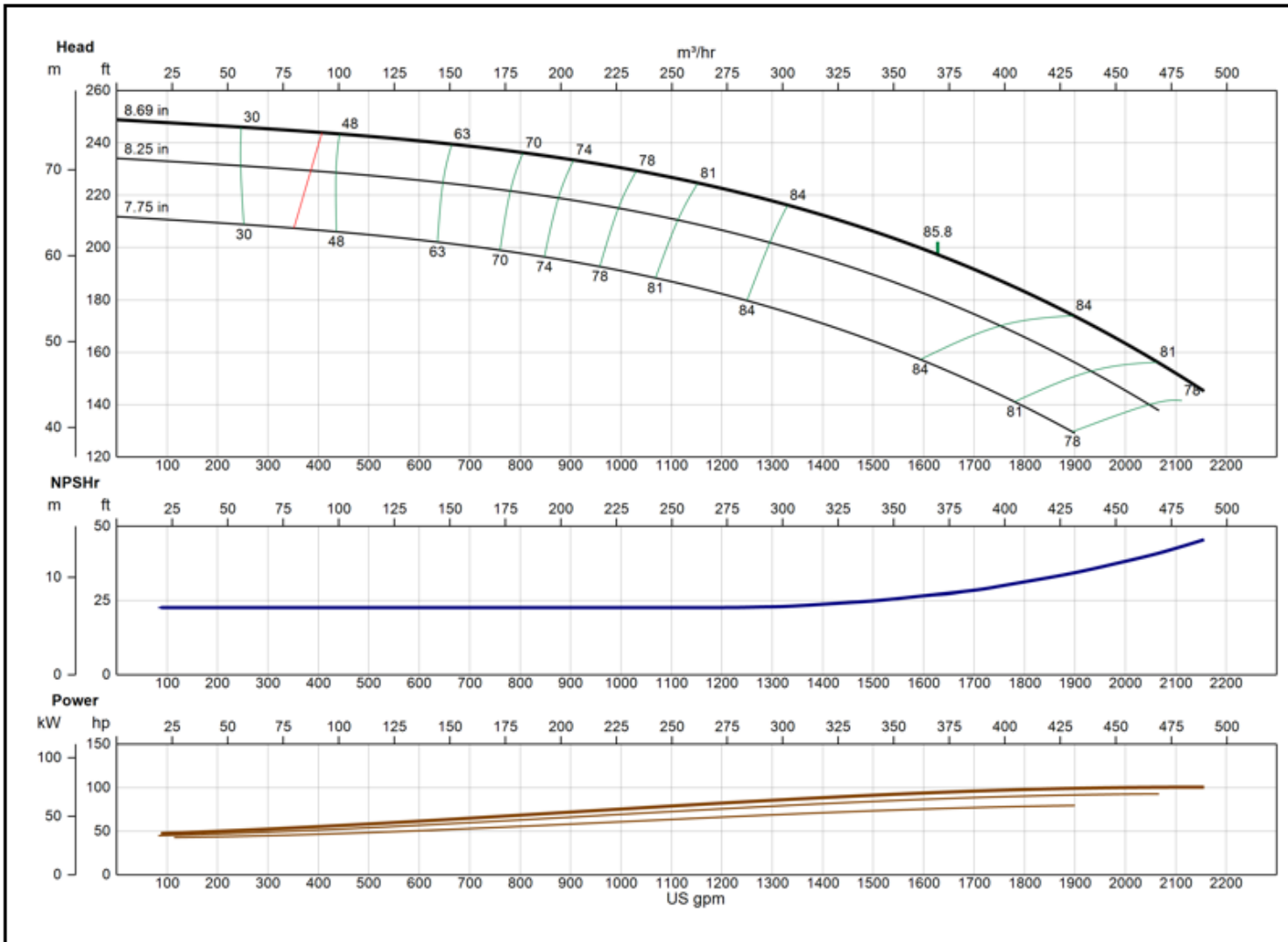
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# MODEL 12CMC

(Effective April 18, 2023)

## Vertical Turbine Pump



<b>Model</b>	<b>12CMC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2220</b>
Thrust K-Factor	<b>7.50 lb/ft</b>
Bowl OD	11.75 in
Bowl Lateral	1.00 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

**XYLEM AWS**

Lubbock, TX

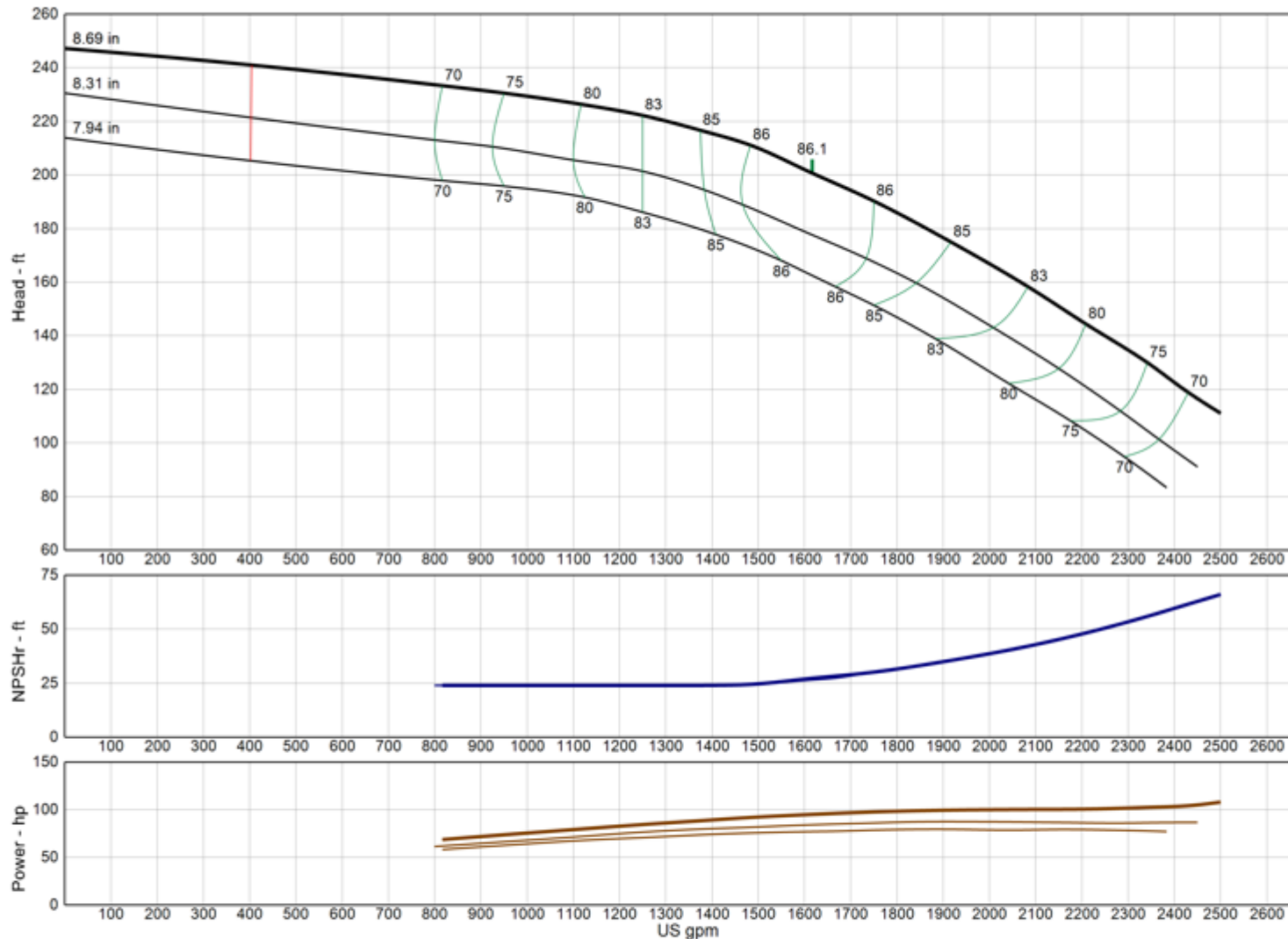
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# MODEL 12CMO

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>12CMO</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	Open
Ns	2225
Thrust K-Factor	10.00 lb/ft
Bowl OD	11.75 in
Bowl Lateral	1.00 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

**TURBINE OPERATIONS**  
Lubbock, Texas

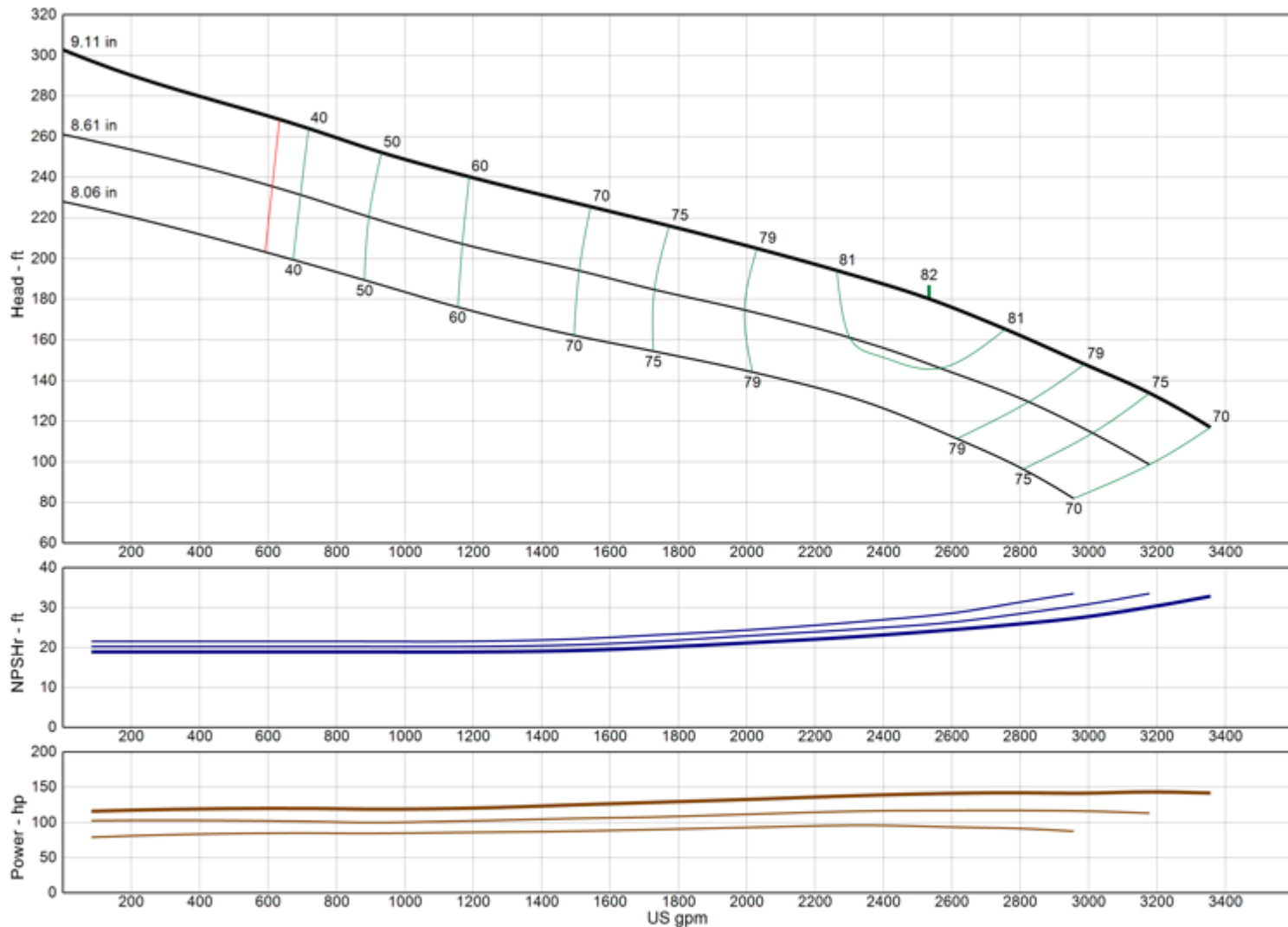
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# MODEL 12DXC

(Effective July 17, 2019)

## Vertical Turbine Pump



**Model** 12DXC

**RPM** 2950

Freq | Poles 50 Hz | 2-pole

Pump Type Lineshaft

**EFFICIENCY CORRECTION**

1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0

Impeller Type Enclosed

Ns 3020

Thrust K-Factor 17.20 lb/ft

Bowl OD 12.50 in

Bowl Lateral 1.00 in

Max PSI 380 psi

Thd Disch Size 8", 10"

**TURBINE OPERATIONS**

Lubbock, Texas

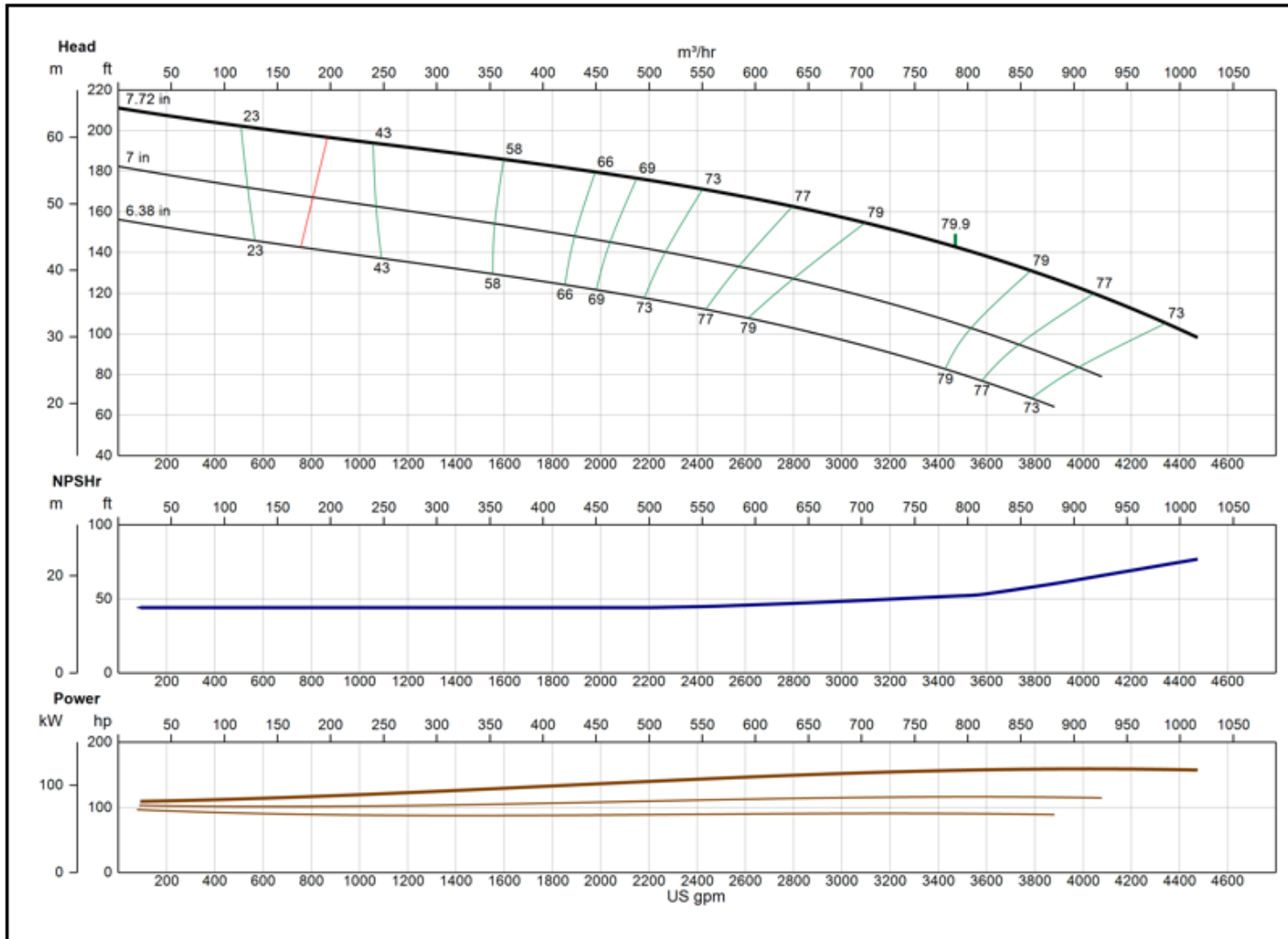
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# MODEL 12FDHC

(Effective May 19, 2023)

# Vertical Turbine Pump



<b>Model</b>	<b>12FDHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-1.5
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>4220</b>
Thrust K-Factor	<b>15.00 lb/ft</b>
Bowl OD	11.60 in
Bowl Lateral	0.75 in
Max PSI	380 psi
Thd Disch Size	8", 10"

**XYLEM AWS**  
Lubbock, TX

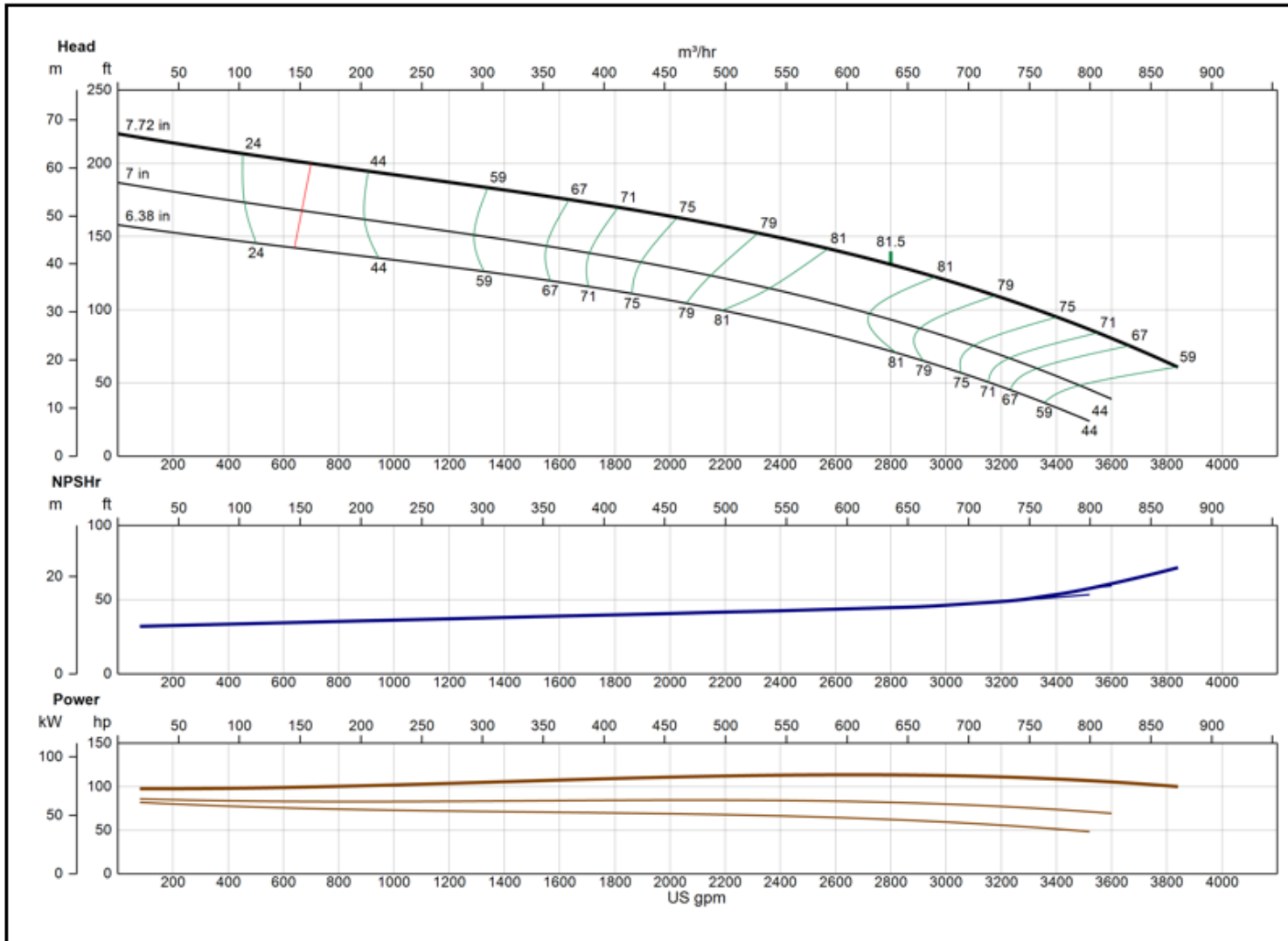
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# MODEL 12FDLC

(Effective May 19, 2023)

## Vertical Turbine Pump



<b>Model</b>	<b>12FDLC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-1.5
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>4030</b>
Thrust K-Factor	<b>15.00 lb/ft</b>
Bowl OD	11.60 in
Bowl Lateral	0.75 in
Max PSI	380 psi
Thd Disch Size	8", 10"

**XYLEM AWS**

Lubbock, TX

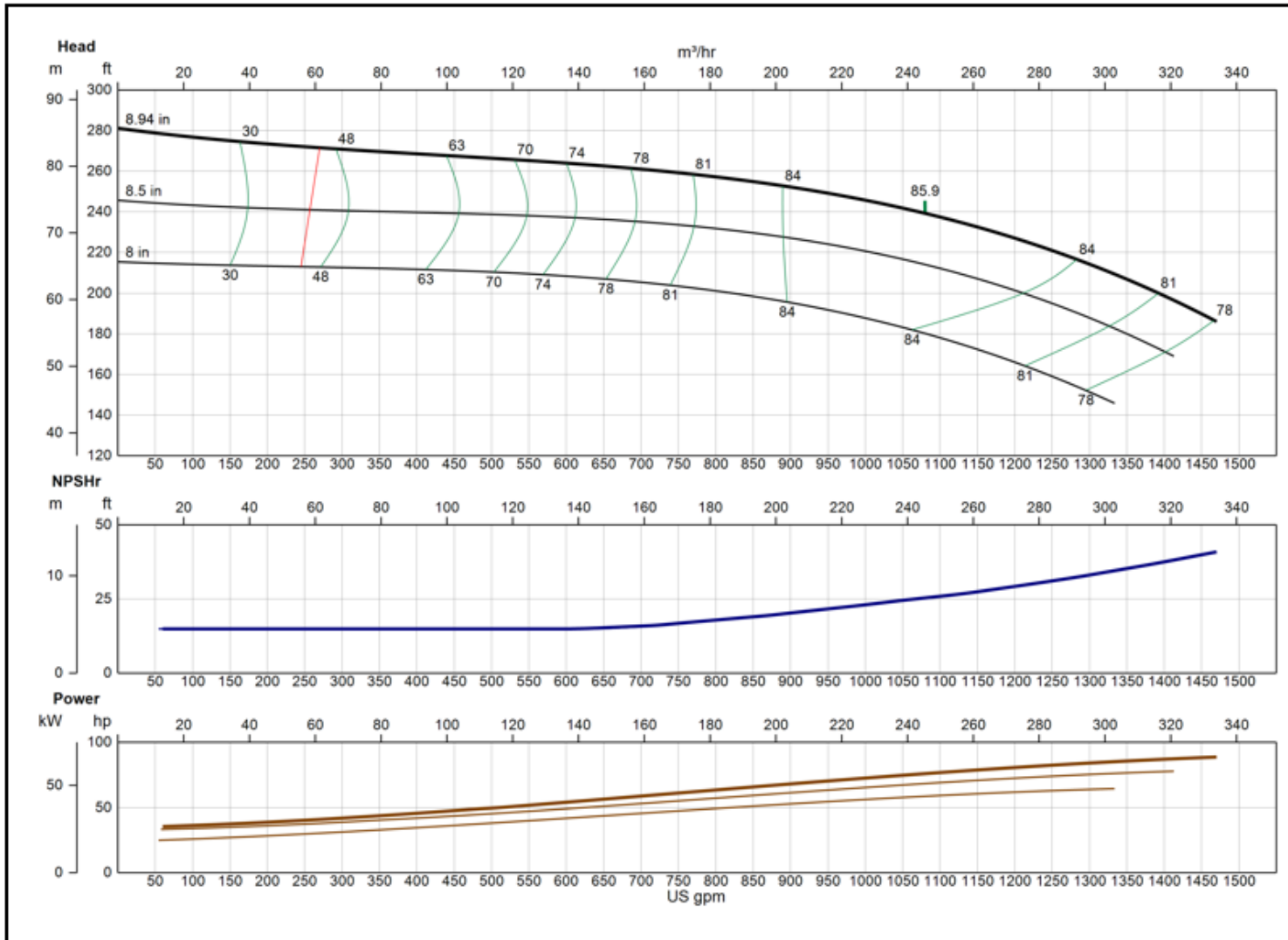
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# MODEL 12WAHC

(Effective April 18, 2023)

# Vertical Turbine Pump



<b>Model</b>	<b>12WAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	-0.5
Impeller Type	<b>Enclosed</b>
Ns	<b>1670</b>
Thrust K-Factor	<b>7.00 lb/ft</b>
Bowl OD	11.60 in
Bowl Lateral	0.75 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

**XYLEM AWS**

Lubbock, TX

NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES DIRECTLY TO EFFICIENCY (-) AND HEAD (x) FOR LESSER STAGES. ACTUAL DRIVER OPERATING SPEED SHOULD BE VERIFIED.

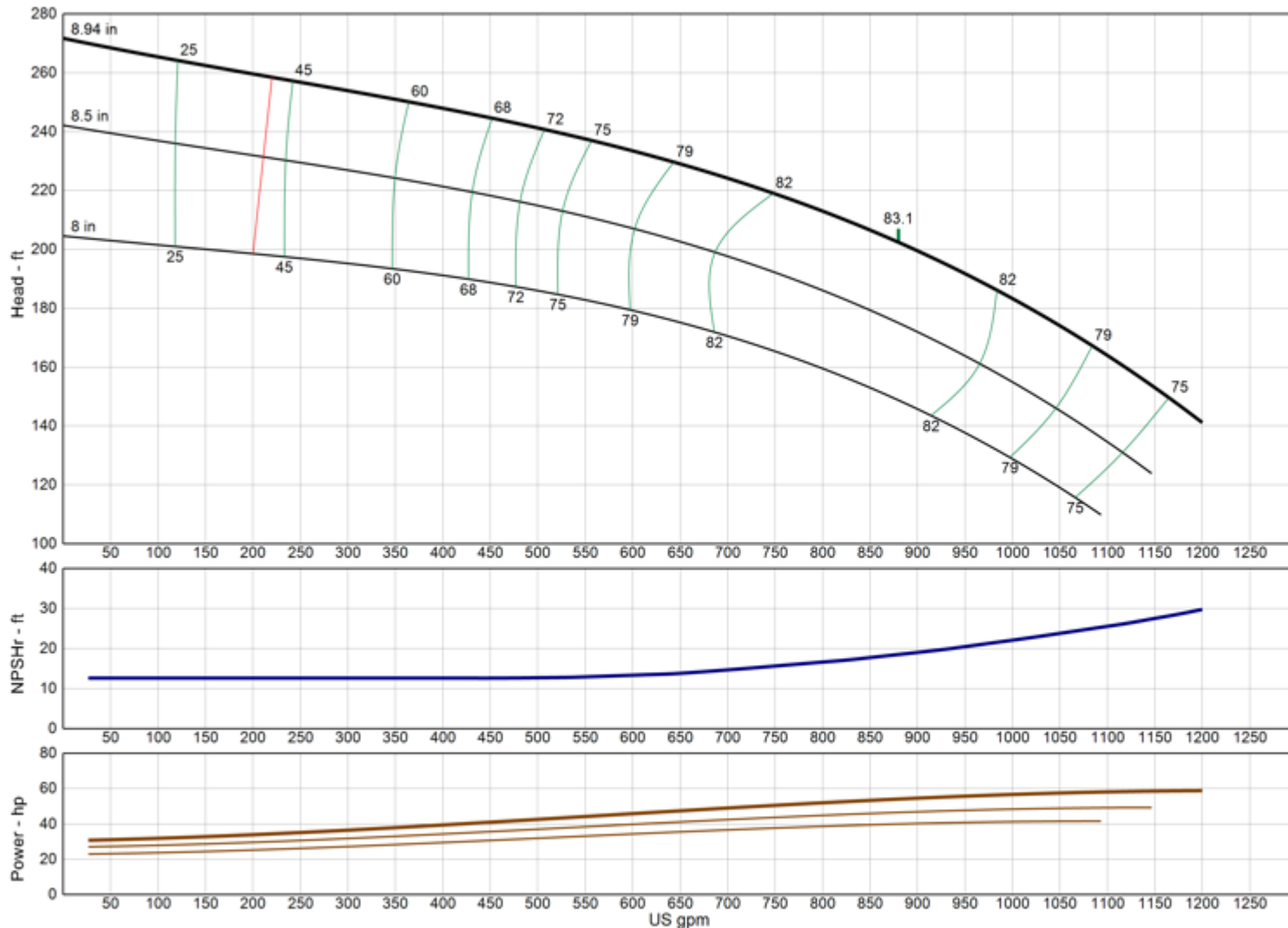




# MODEL 12WALC

(Effective December 18, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>12WALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-3.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	-0.5
Impeller Type	Enclosed
Ns	1630
Thrust K-Factor	7.00 lb/ft
Bowl OD	11.60 in
Bowl Lateral	0.75 in
Max PSI	380 psi
Thd Disch Size	6", 8", 10"

### TURBINE OPERATIONS

Lubbock, Texas

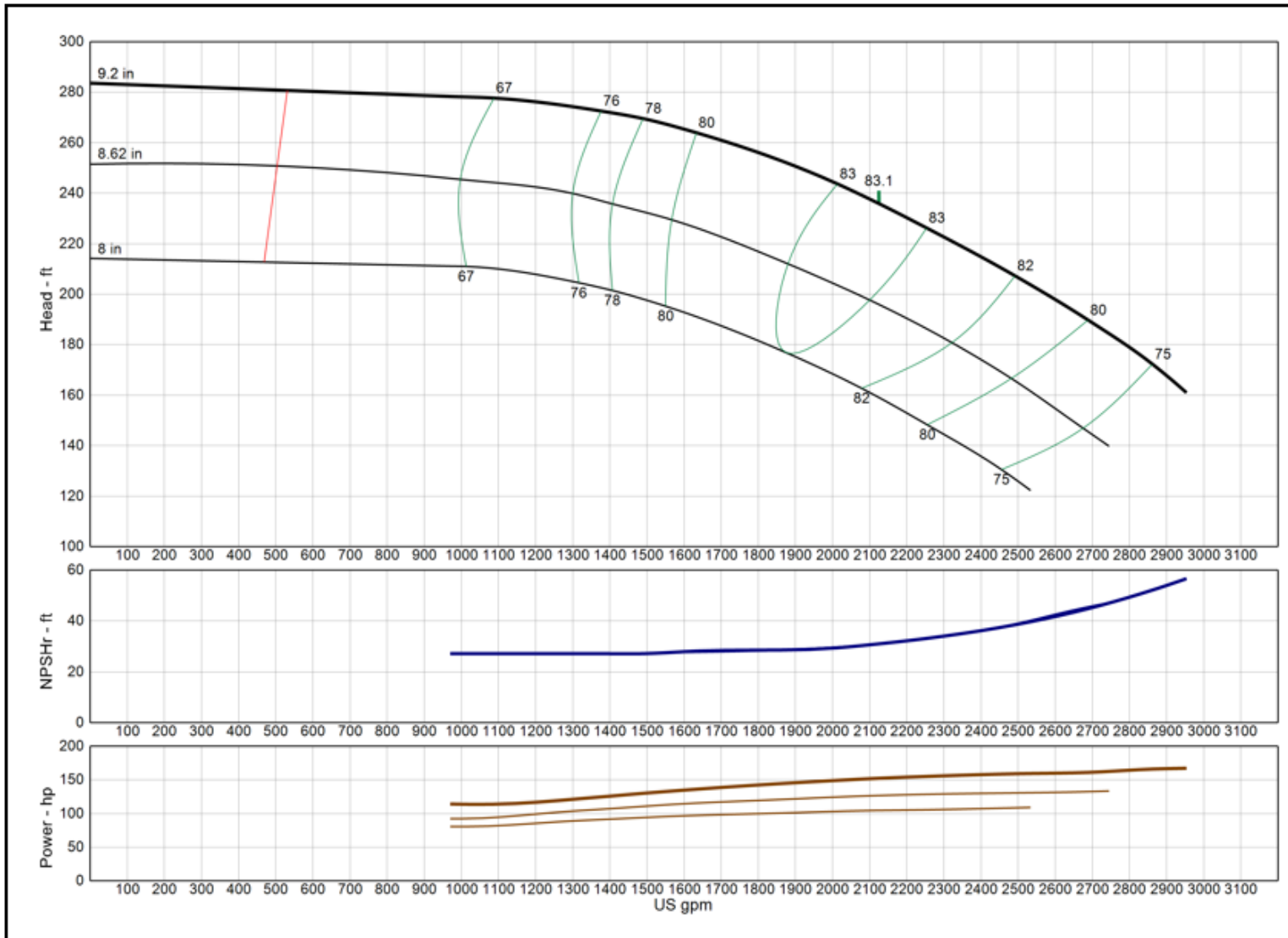
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# MODEL 13CHC

(Effective November 16, 2020)

## Vertical Turbine Pump



<b>Model</b>	<b>13CHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2260</b>
Thrust K-Factor	<b>9.50 lb/ft</b>
Bowl OD	12.38 in
Bowl Lateral	0.88 in
Max PSI	390 psi
Thd Disch Size	8", 10"

**TURBINE OPERATIONS**  
Lubbock, Texas

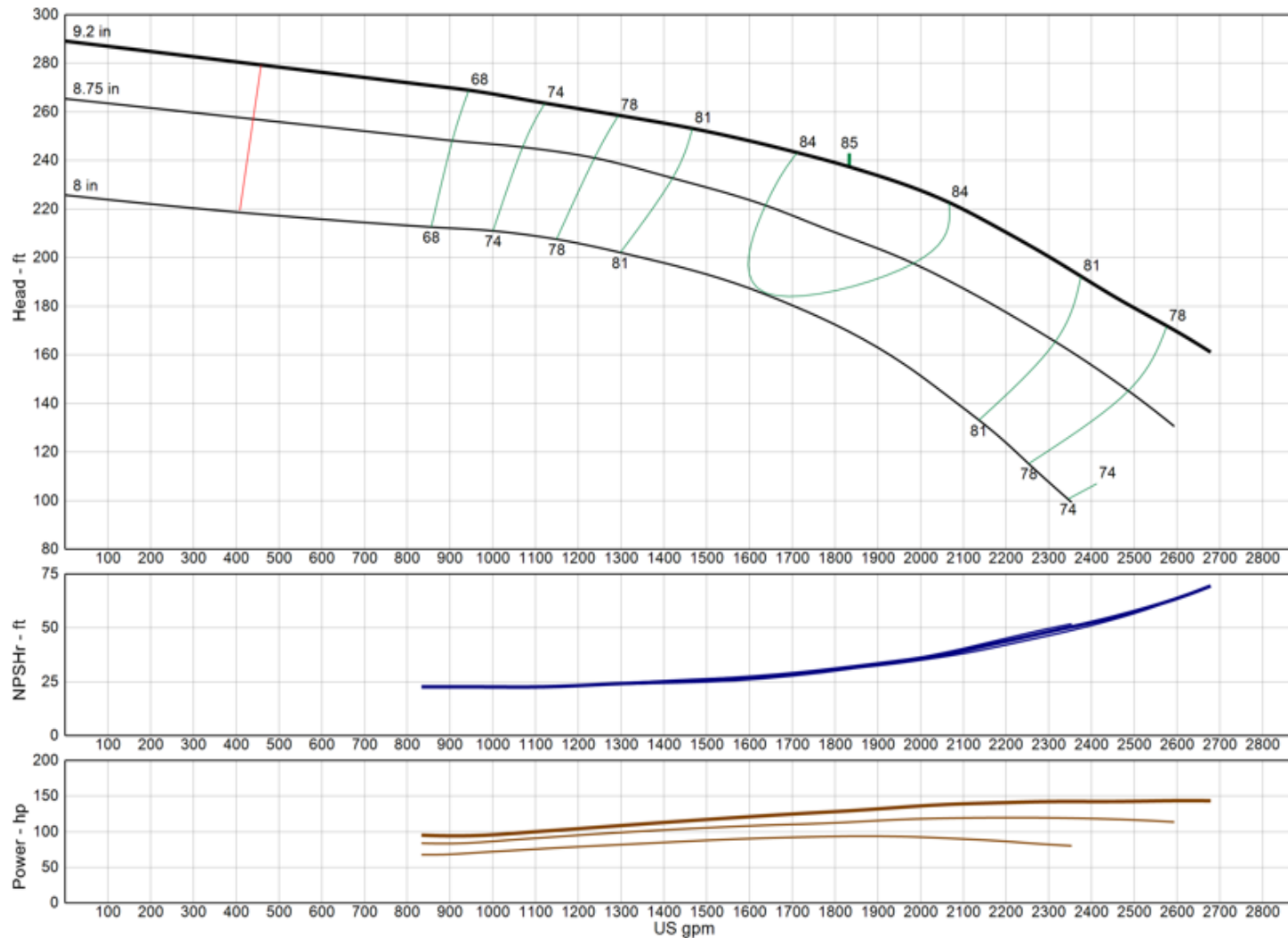
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# MODEL 13CMC

(Effective November 16, 2020)

## Vertical Turbine Pump



<b>Model</b>	<b>13CMC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-2.0
2-STAGE	-1.0
3-STAGE	-0.5
4-STAGE	0.0
Impeller Type	<b>Enclosed</b>
Ns	<b>2090</b>
Thrust K-Factor	<b>9.50 lb/ft</b>
Bowl OD	12.38 in
Bowl Lateral	0.88 in
Max PSI	390 psi
Thd Disch Size	8", 10"

**TURBINE OPERATIONS**  
Lubbock, Texas

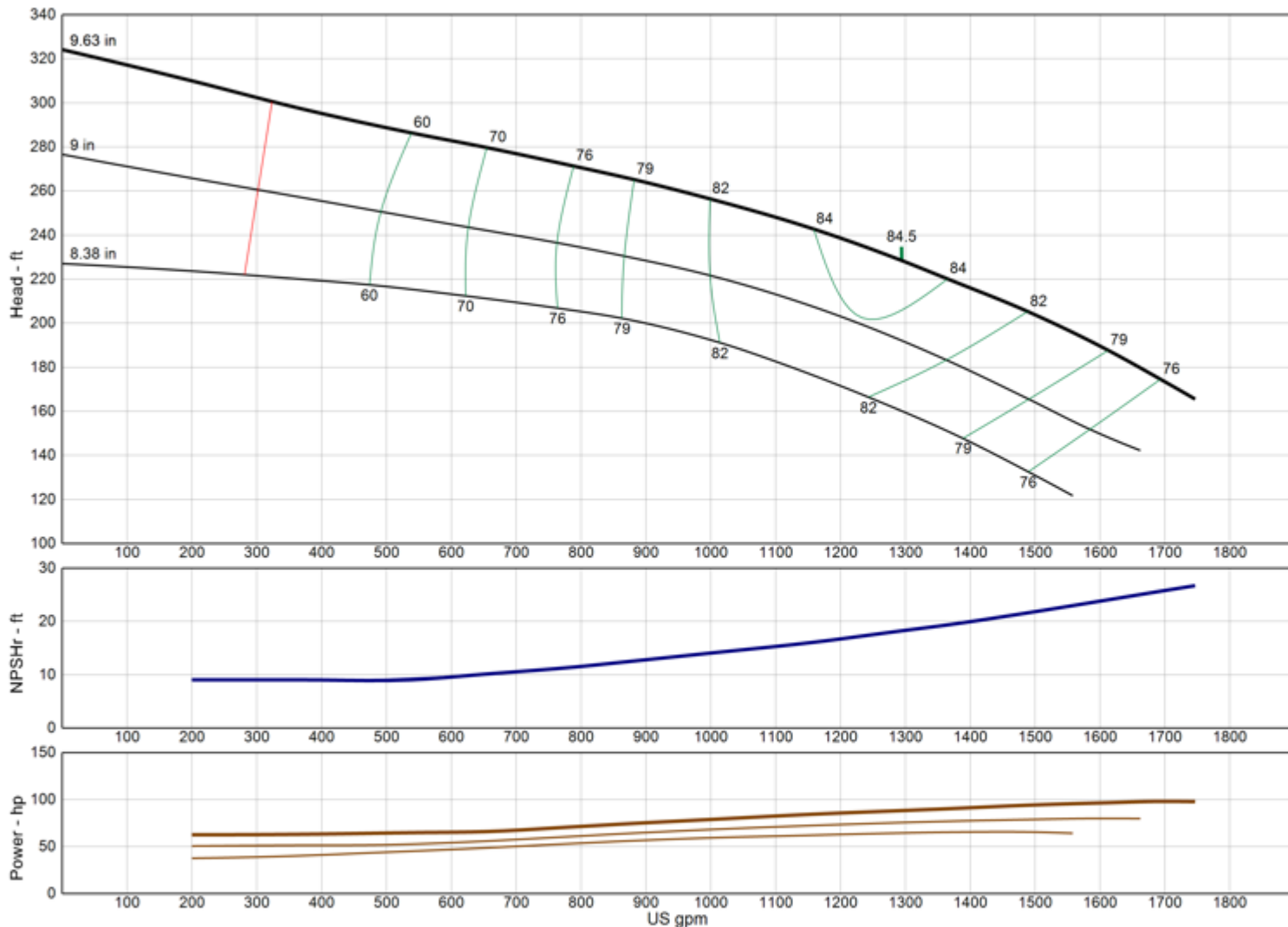
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# MODEL 13RAHC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>13RAHC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	-5.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1805
Thrust K-Factor	7.90 lb/ft
Bowl OD	13.38 in
Bowl Lateral	0.50 in
Max PSI	310 psi
Thd Disch Size	8", 10", 12"

### TURBINE OPERATIONS

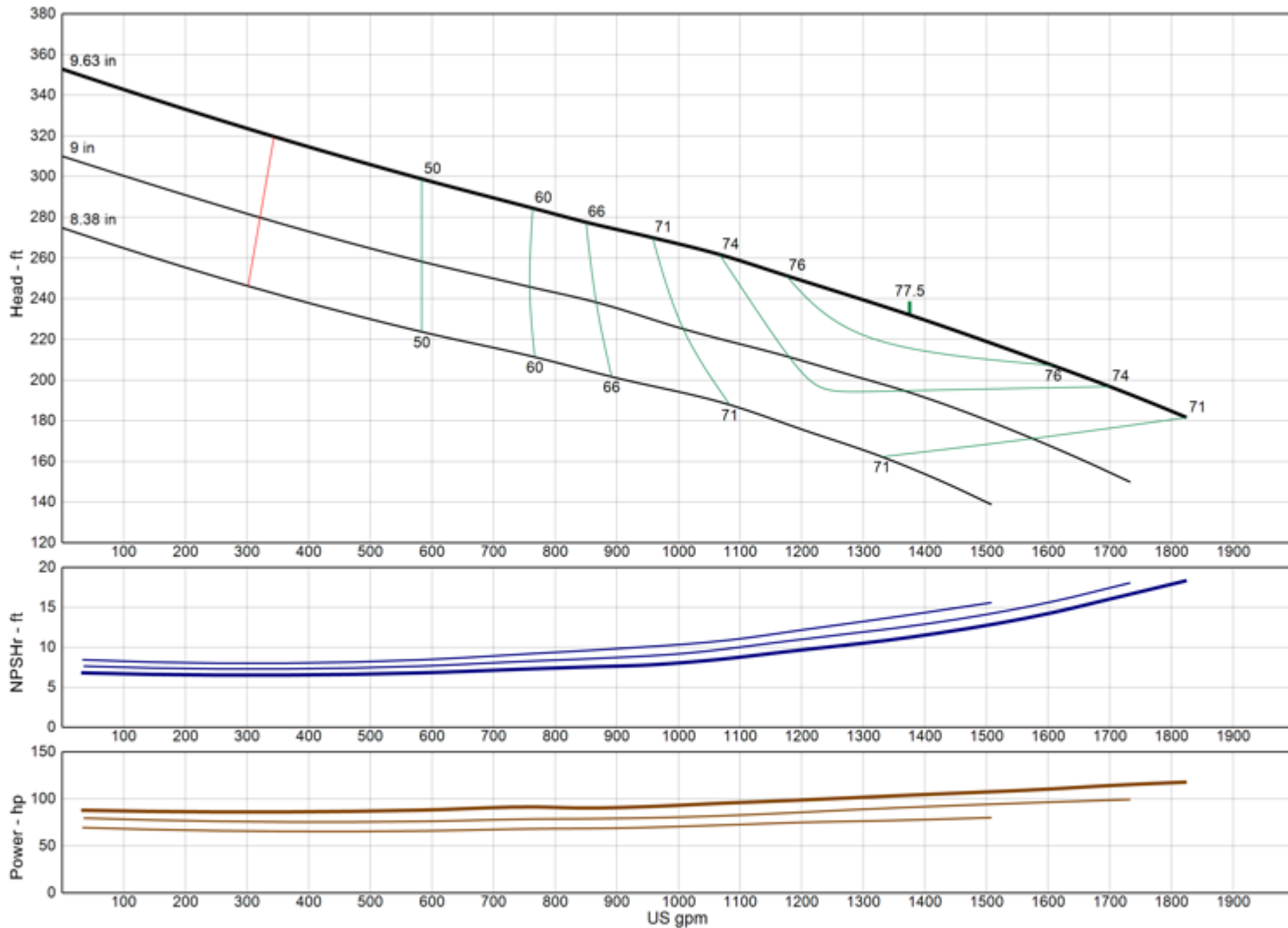
Lubbock, Texas

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# MODEL 13RAHXC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>13RAHXC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
<b>EFFICIENCY CORRECTION</b>	
1-STAGE	0.0
2-STAGE	0.0
3-STAGE	0.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1840
Thrust K-Factor	10.00 lb/ft
Bowl OD	13.38 in
Bowl Lateral	0.50 in
Max PSI	310 psi
Thd Disch Size	8", 10", 12"

### TURBINE OPERATIONS

Lubbock, Texas

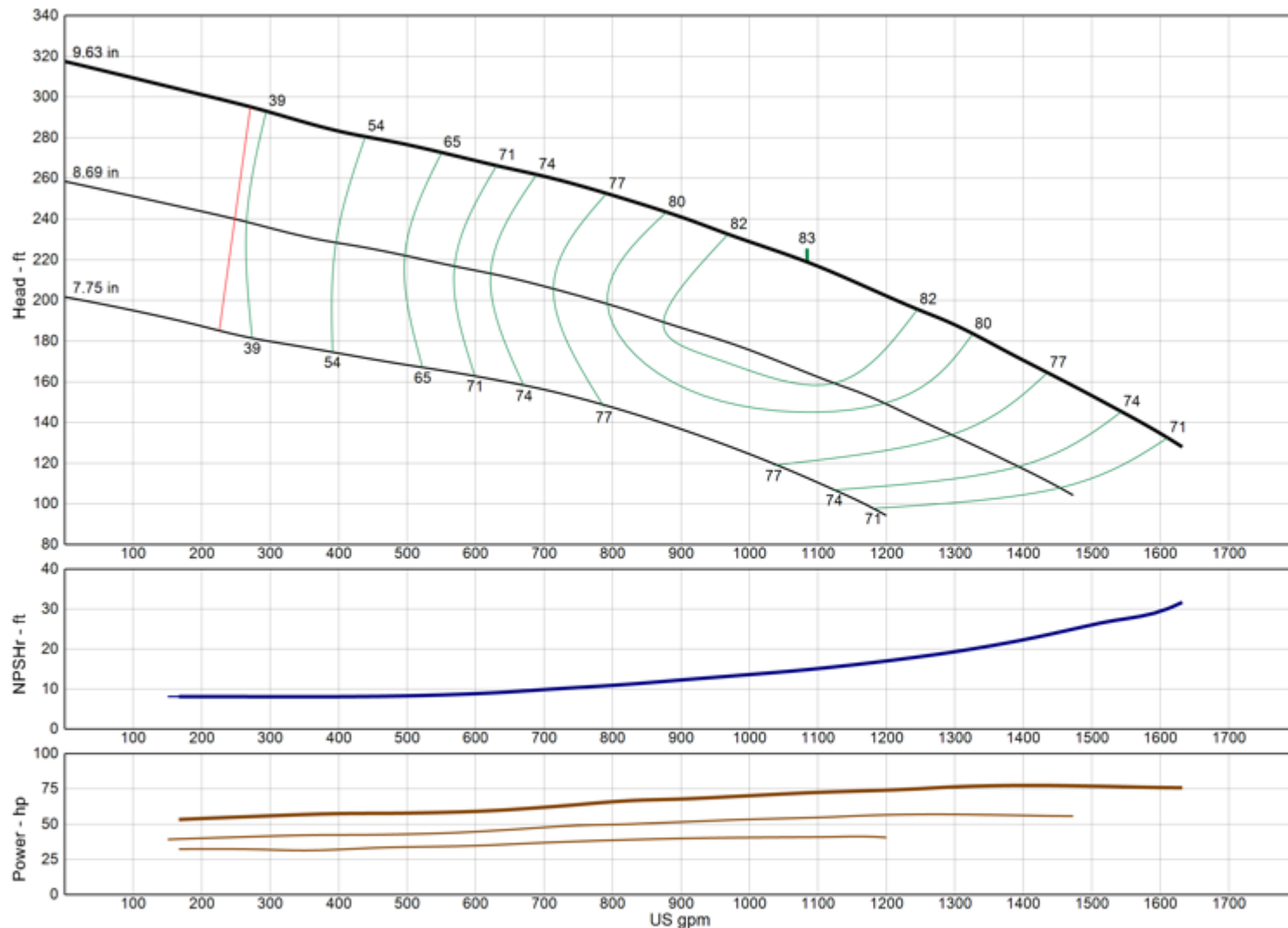
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# MODEL 13RALC

(Effective July 17, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>13RALC</b>
<b>RPM</b>	<b>2950</b>
Freq   Poles	50 Hz   2-pole
Pump Type	Lineshaft
EFFICIENCY CORRECTION	
1-STAGE	-5.0
2-STAGE	-2.0
3-STAGE	-1.0
4-STAGE	0.0
Impeller Type	Enclosed
Ns	1705
Thrust K-Factor	7.90 lb/ft
Bowl OD	13.38 in
Bowl Lateral	0.50 in
Max PSI	310 psi
Thd Disch Size	8", 10", 12"

### TURBINE OPERATIONS

Lubbock, Texas

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# Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

**For more information on how Xylem can help you, go to [www.xylem.com](http://www.xylem.com)**

To learn more about  
turbine pumps:



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[www.xylem.com](http://www.xylem.com)

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