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# Lineshaft Turbine Pump Curves

428 RPM CURVES - 50 CYCLE PERFORMANCE

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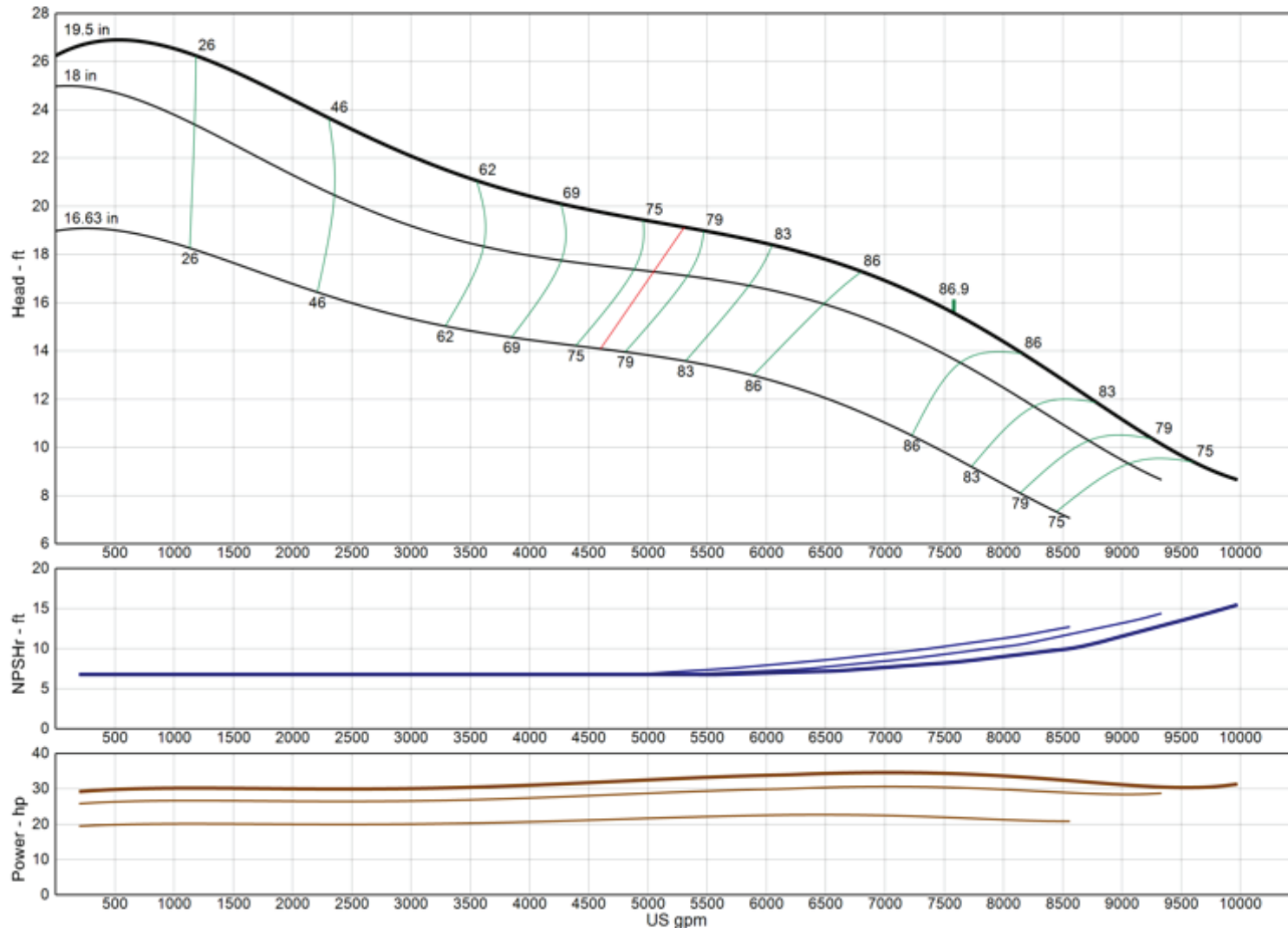
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# MODEL 30GHC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>30GHC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4665
Thrust K-Factor	104.90 lb/ft
Bowl OD	30.00 in
Bowl Lateral	2.32 in
Max PSI	320 psi
Thd Disch Size	--

### TURBINE OPERATIONS

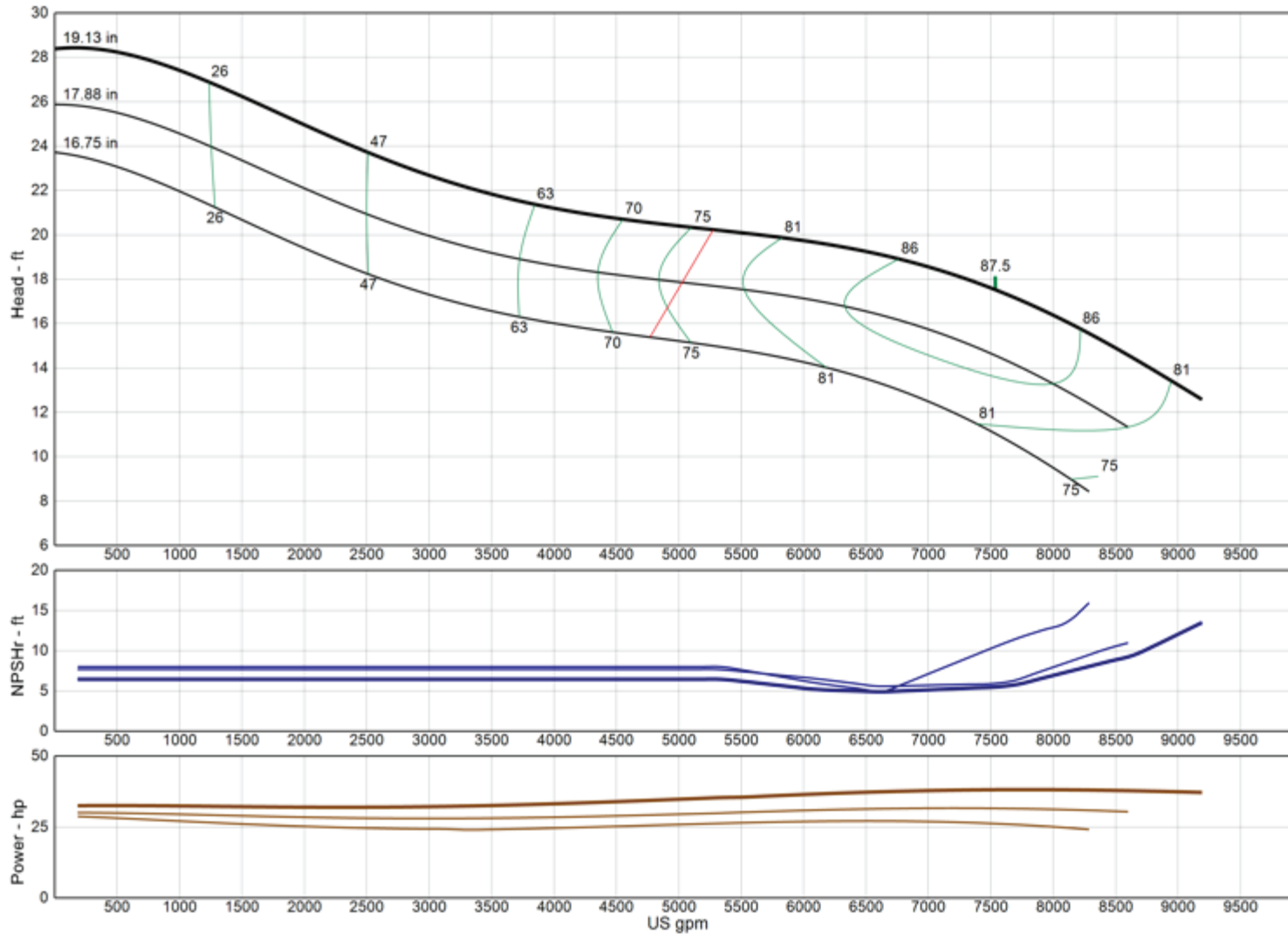
Lubbock, Texas

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 30GHXC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>30GHXC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4255
Thrust K-Factor	125.20 lb/ft
Bowl OD	30.00 in
Bowl Lateral	2.32 in
Max PSI	320 psi
Thd Disch Size	--

### TURBINE OPERATIONS

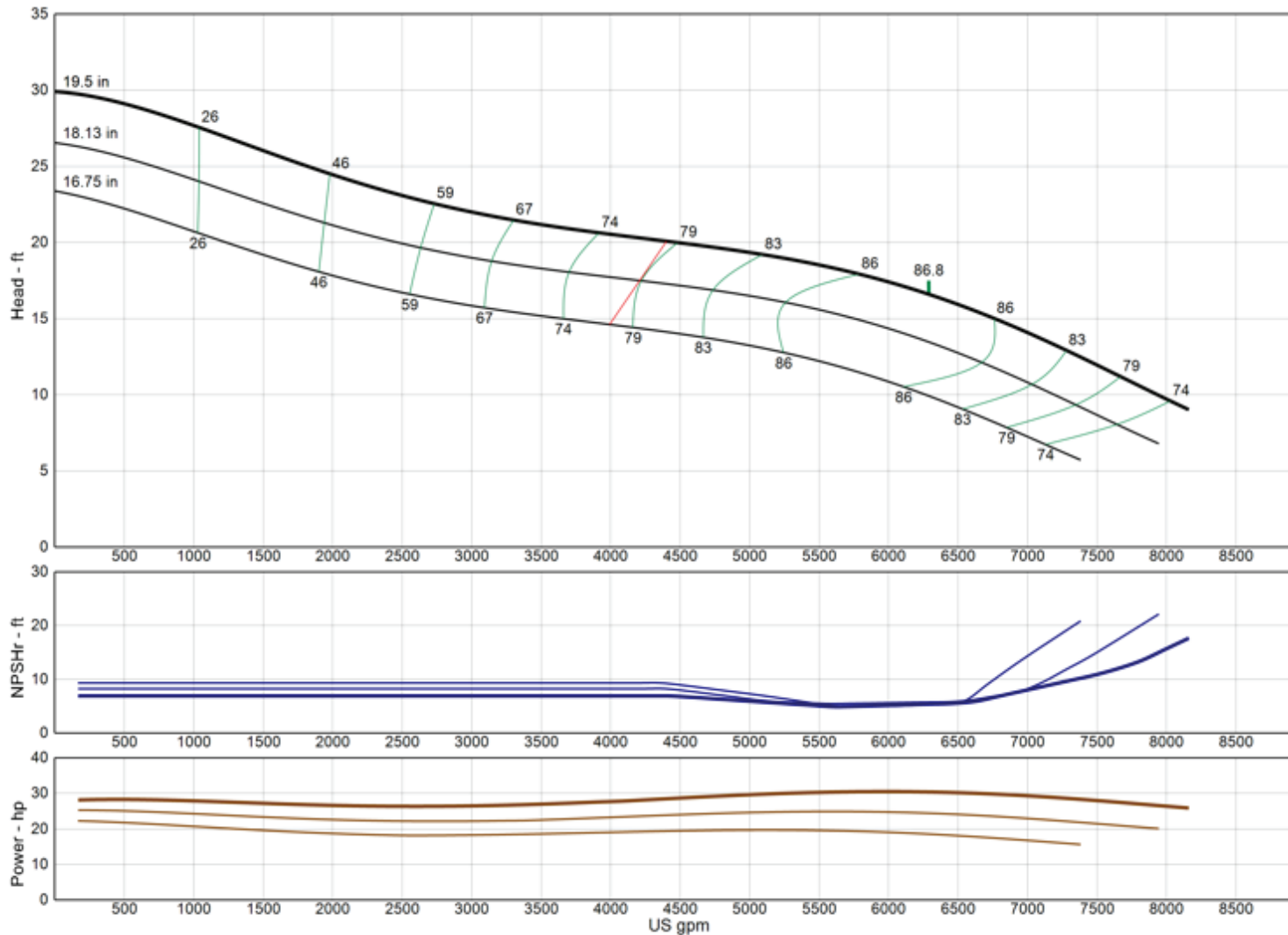
Lubbock, Texas

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# MODEL 30GLC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>30GLC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4050
Thrust K-Factor	103.60 lb/ft
Bowl OD	30.00 in
Bowl Lateral	2.32 in
Max PSI	320 psi
Thd Disch Size	--

### TURBINE OPERATIONS

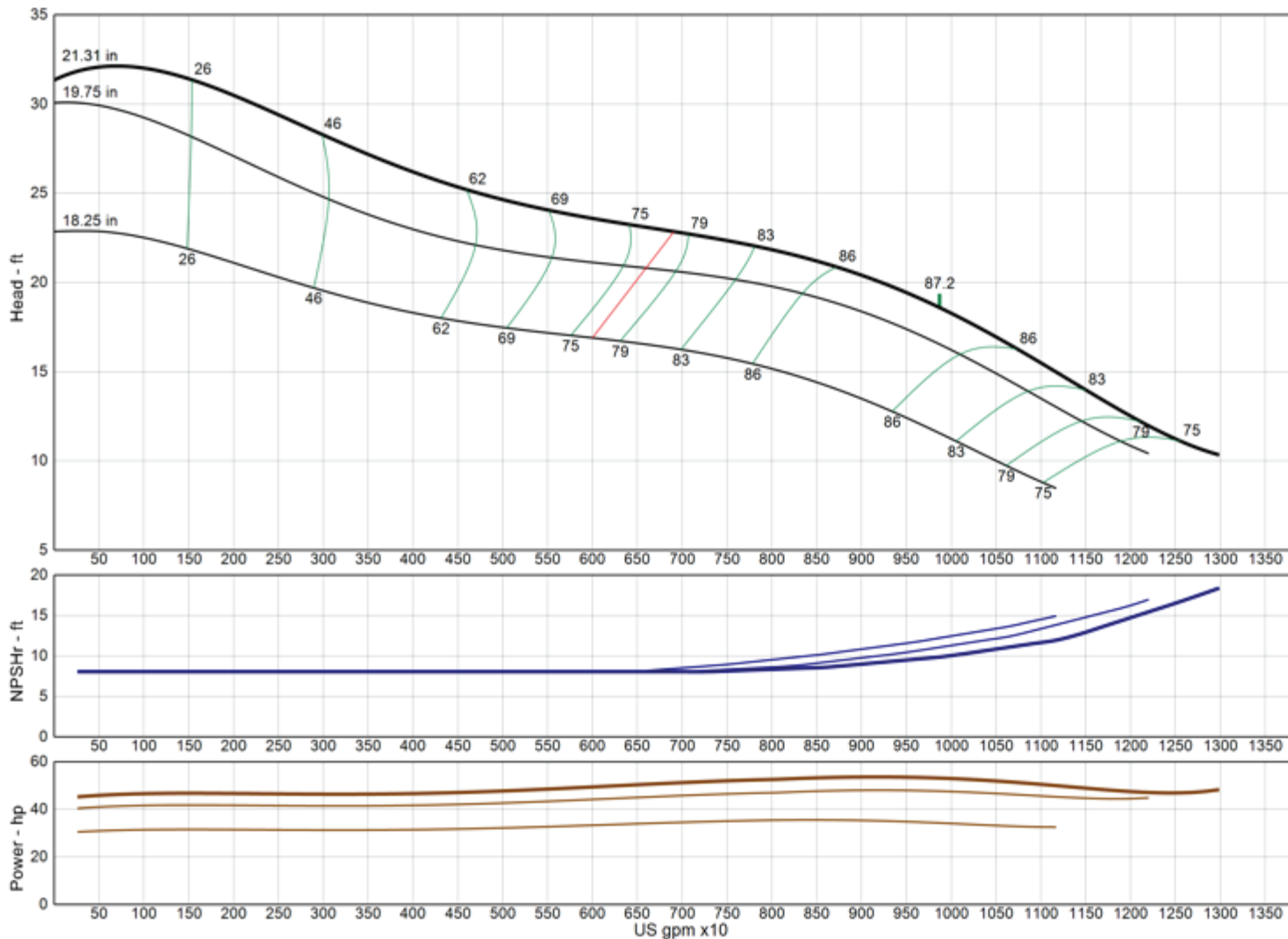
Lubbock, Texas

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# MODEL 32GHC

(Effective November 04, 2019)

## Vertical Turbine Pump



**Model** 32GHC

**RPM** 420

Freq | Poles 50 Hz | 14-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 4660

Thrust K-Factor 124.40 lb/ft

Bowl OD 32.00 in

Bowl Lateral 2.25 in

Max PSI 320 psi

Thd Disch Size --

**TURBINE OPERATIONS**

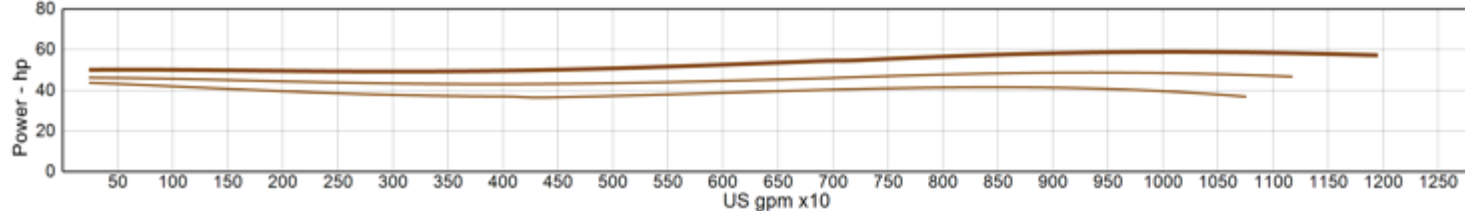
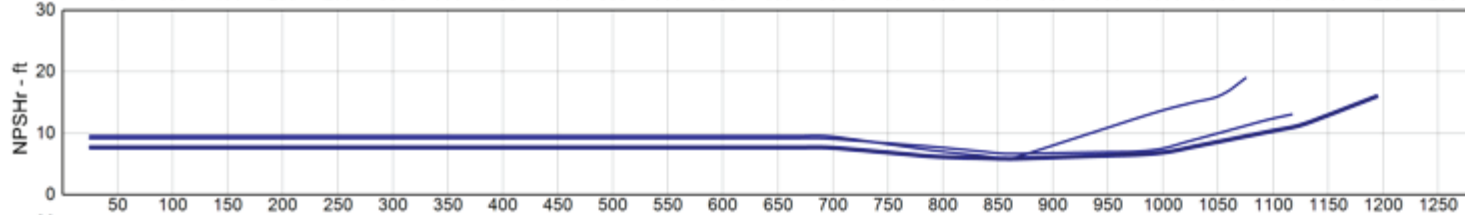
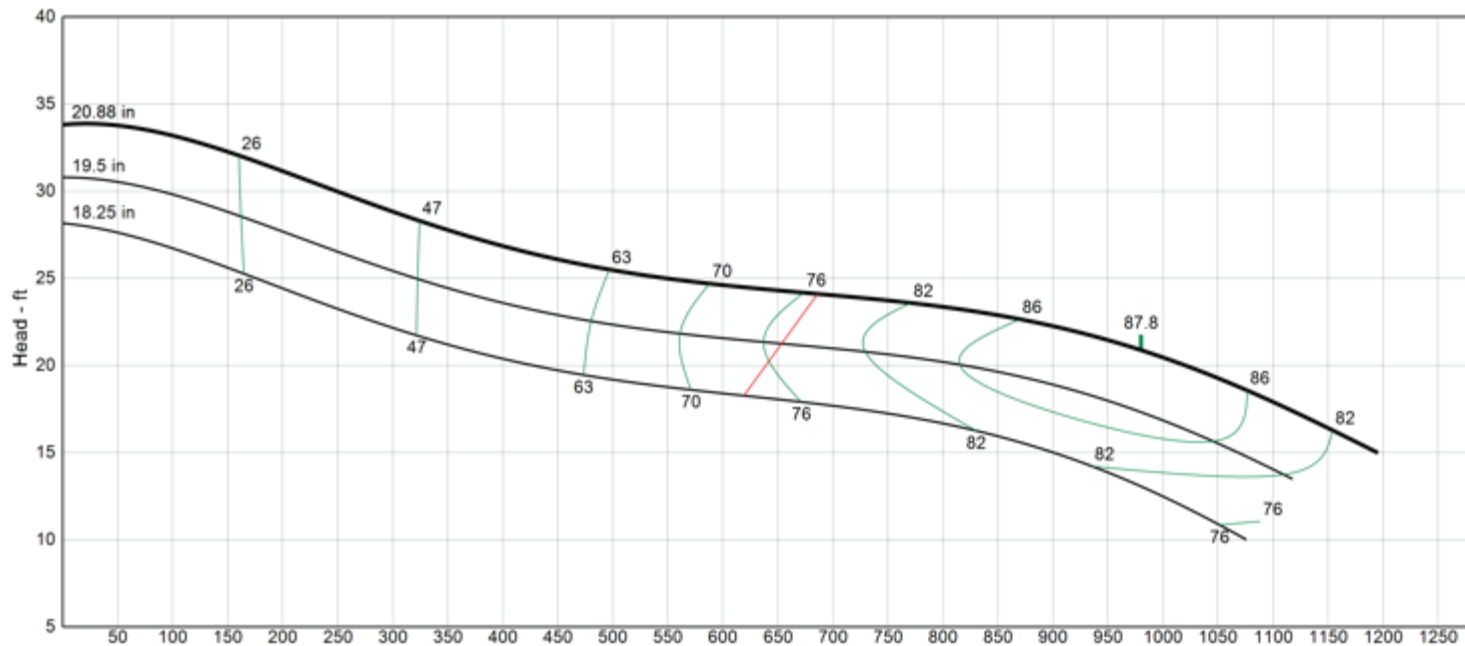
Lubbock, Texas

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# MODEL 32GHXC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>32GHXC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4255
Thrust K-Factor	148.10 lb/ft
Bowl OD	32.00 in
Bowl Lateral	2.25 in
Max PSI	320 psi
Thd Disch Size	--

### TURBINE OPERATIONS

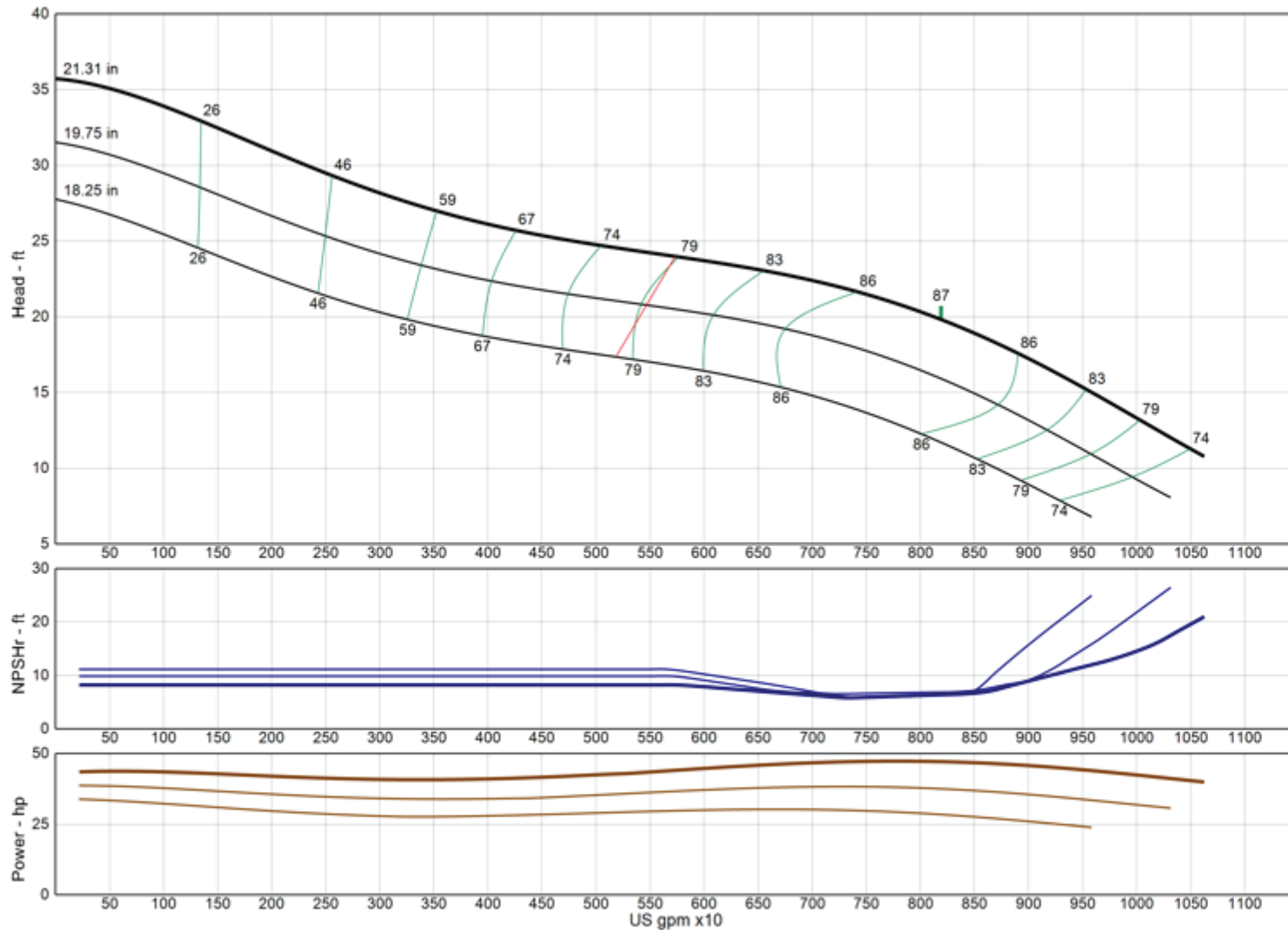
Lubbock, Texas

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# MODEL 32GLC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>32GLC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4045
Thrust K-Factor	121.40 lb/ft
Bowl OD	32.00 in
Bowl Lateral	2.25 in
Max PSI	320 psi
Thd Disch Size	--

### TURBINE OPERATIONS

Lubbock, Texas

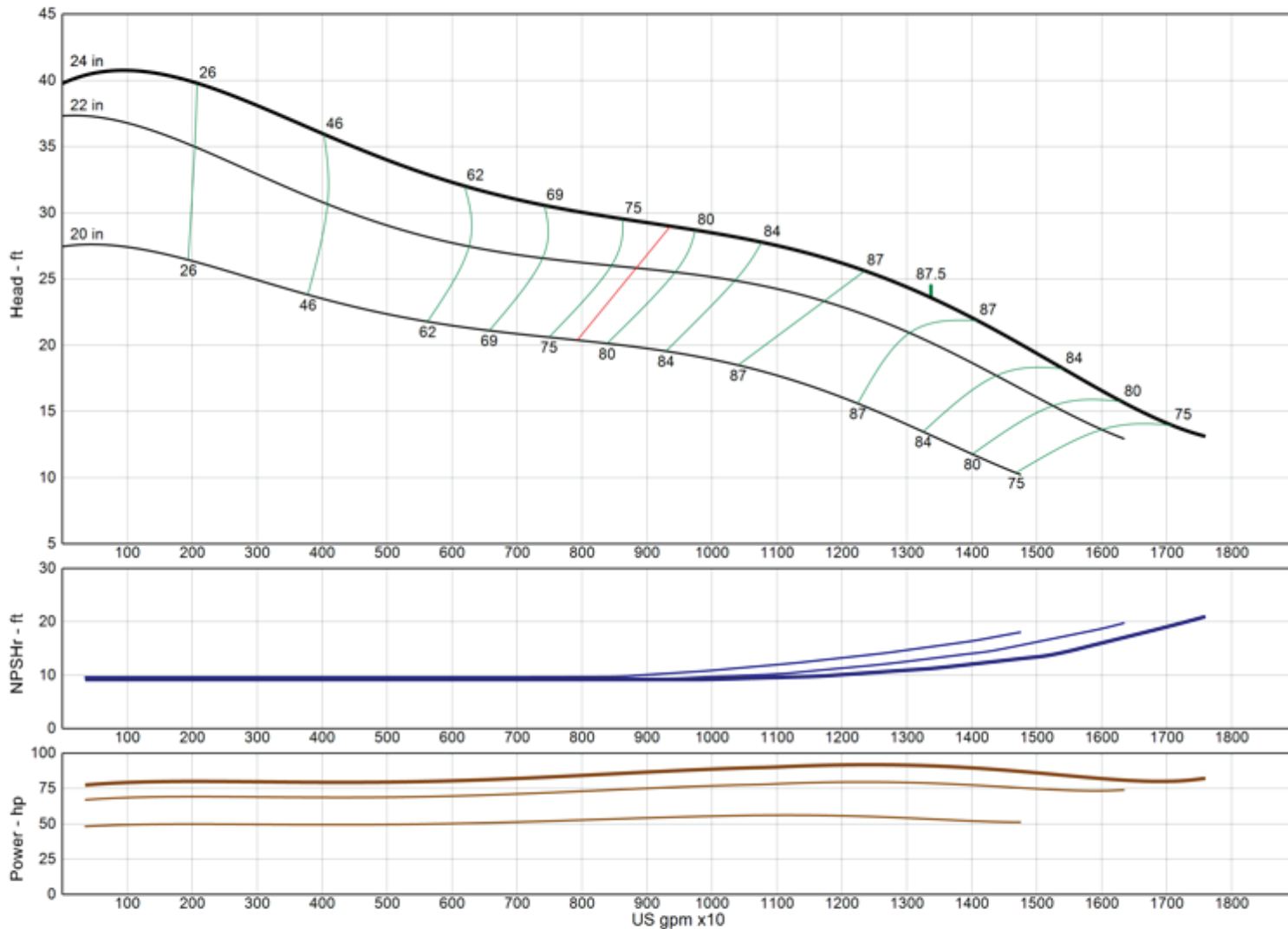
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# MODEL 34GHC

(Effective November 04, 2019)

## Vertical Turbine Pump



**Model** 34GHC

**RPM** 420

Freq | Poles 50 Hz | 14-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 4540

Thrust K-Factor 151.00 lb/ft

Bowl OD 34.00 in

Bowl Lateral 2.11 in

Max PSI 330 psi

Thd Disch Size --

**TURBINE OPERATIONS**

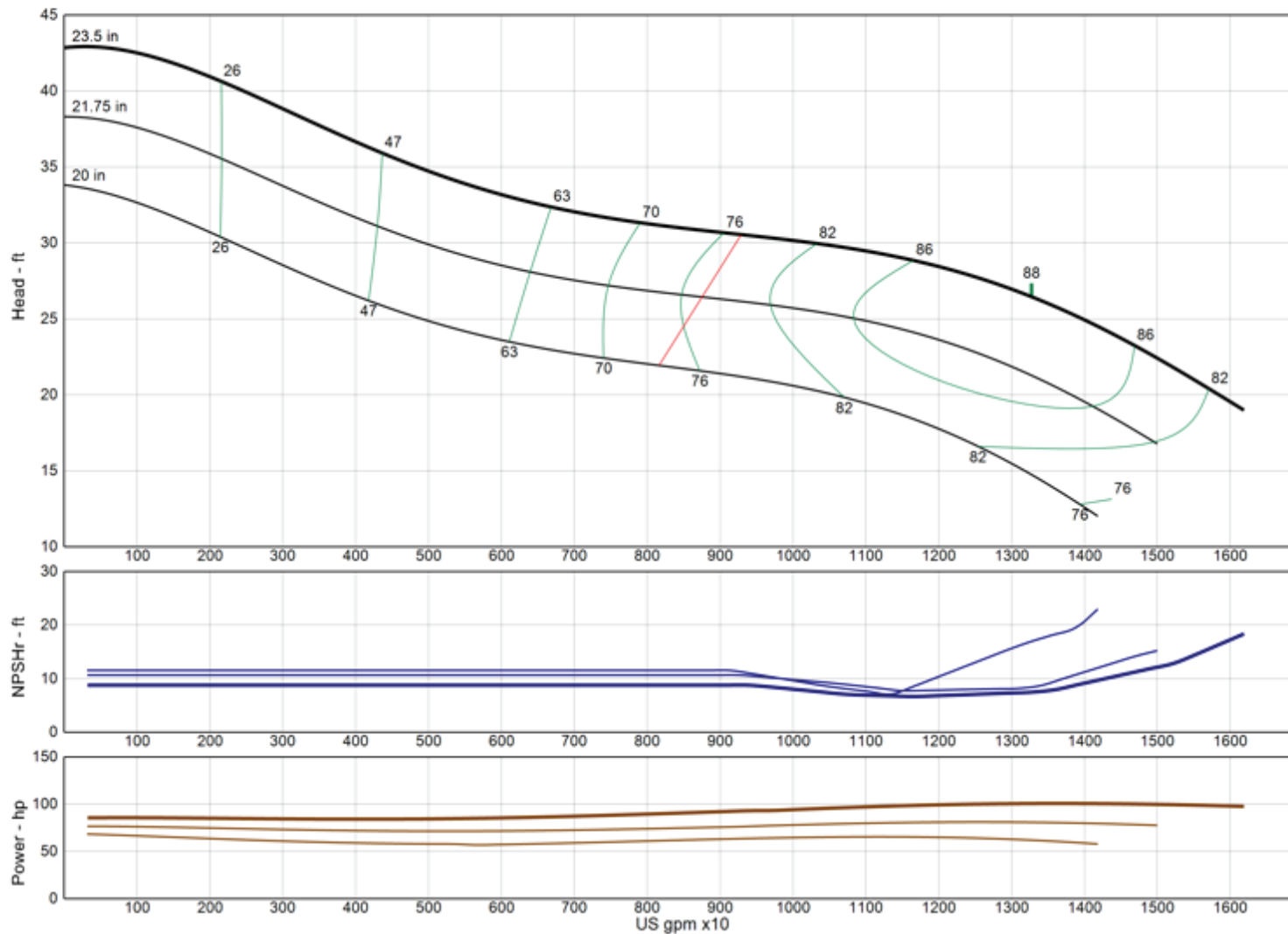
Lubbock, Texas

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# MODEL 34GHXC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>34GHXC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4145
Thrust K-Factor	177.50 lb/ft
Bowl OD	34.00 in
Bowl Lateral	2.11 in
Max PSI	330 psi
Thd Disch Size	--

### TURBINE OPERATIONS

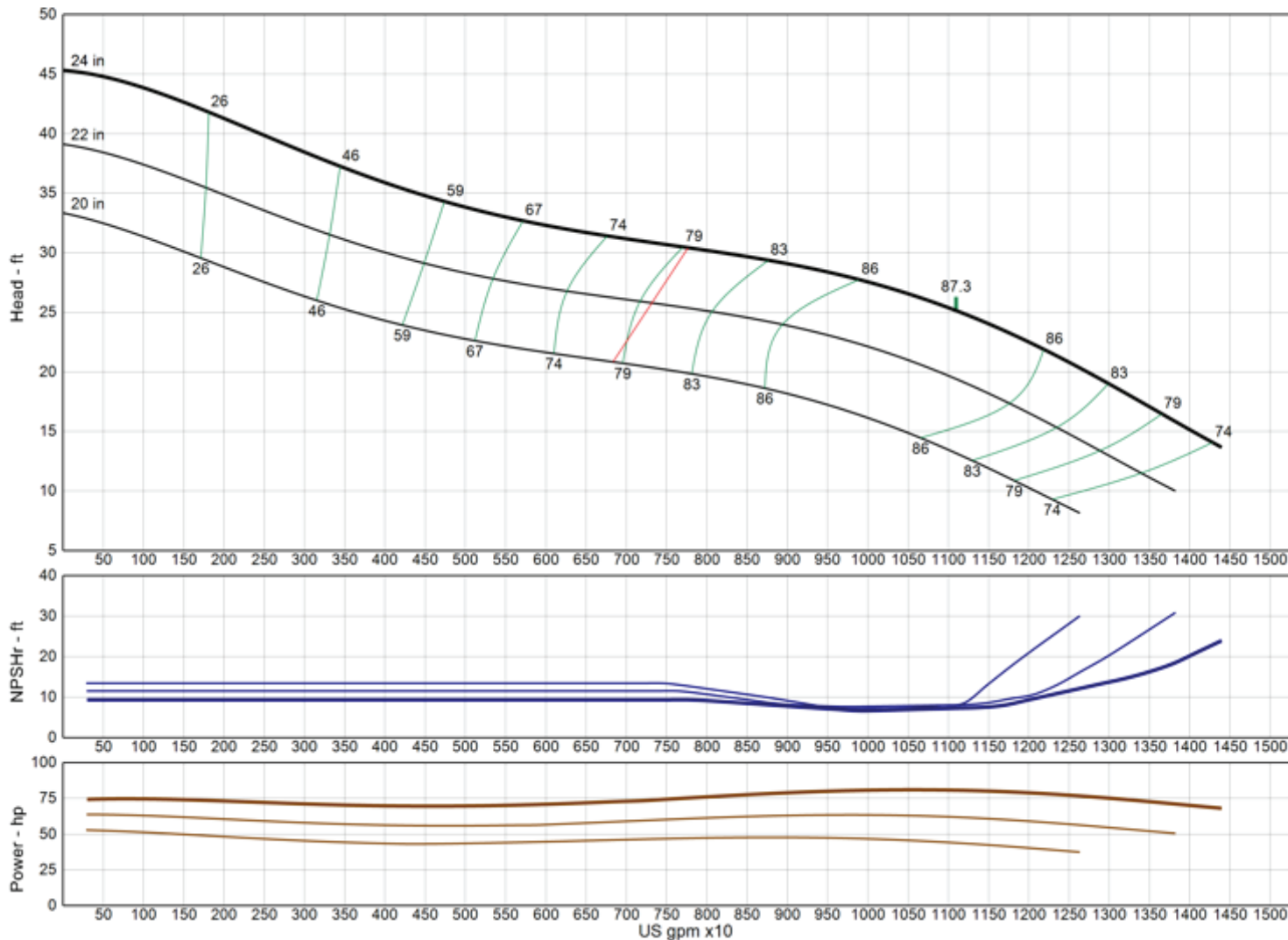
Lubbock, Texas

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# MODEL 34GLC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>34GLC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	3940
Thrust K-Factor	147.20 lb/ft
Bowl OD	34.00 in
Bowl Lateral	2.11 in
Max PSI	330 psi
Thd Disch Size	--

### TURBINE OPERATIONS

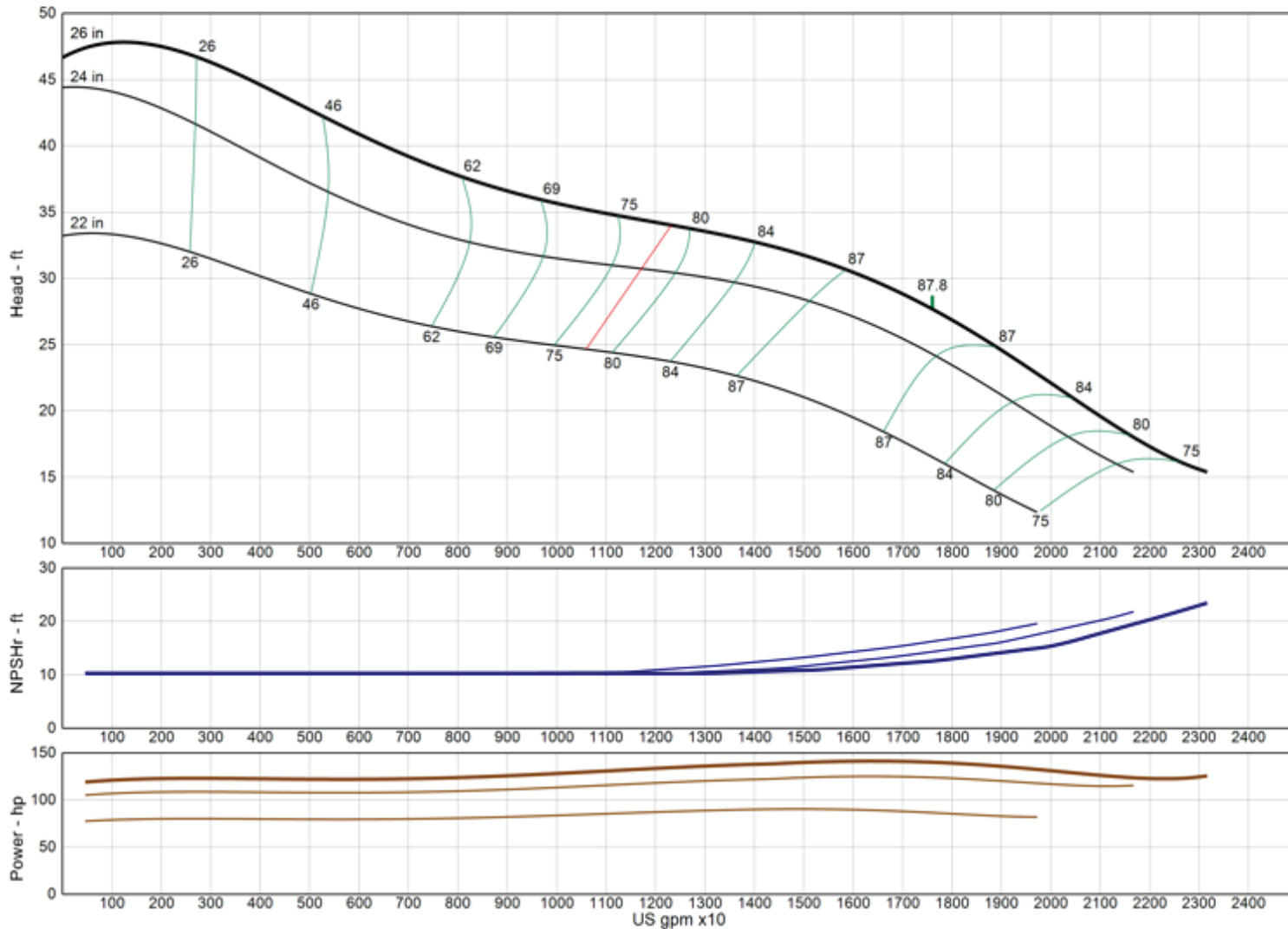
Lubbock, Texas

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# MODEL 36GHC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>36GHC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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>4620</b>
Thrust K-Factor	<b>179.40 lb/ft</b>
Bowl OD	36.00 in
Bowl Lateral	2.80 in
Max PSI	270 psi
Thd Disch Size	--

### TURBINE OPERATIONS

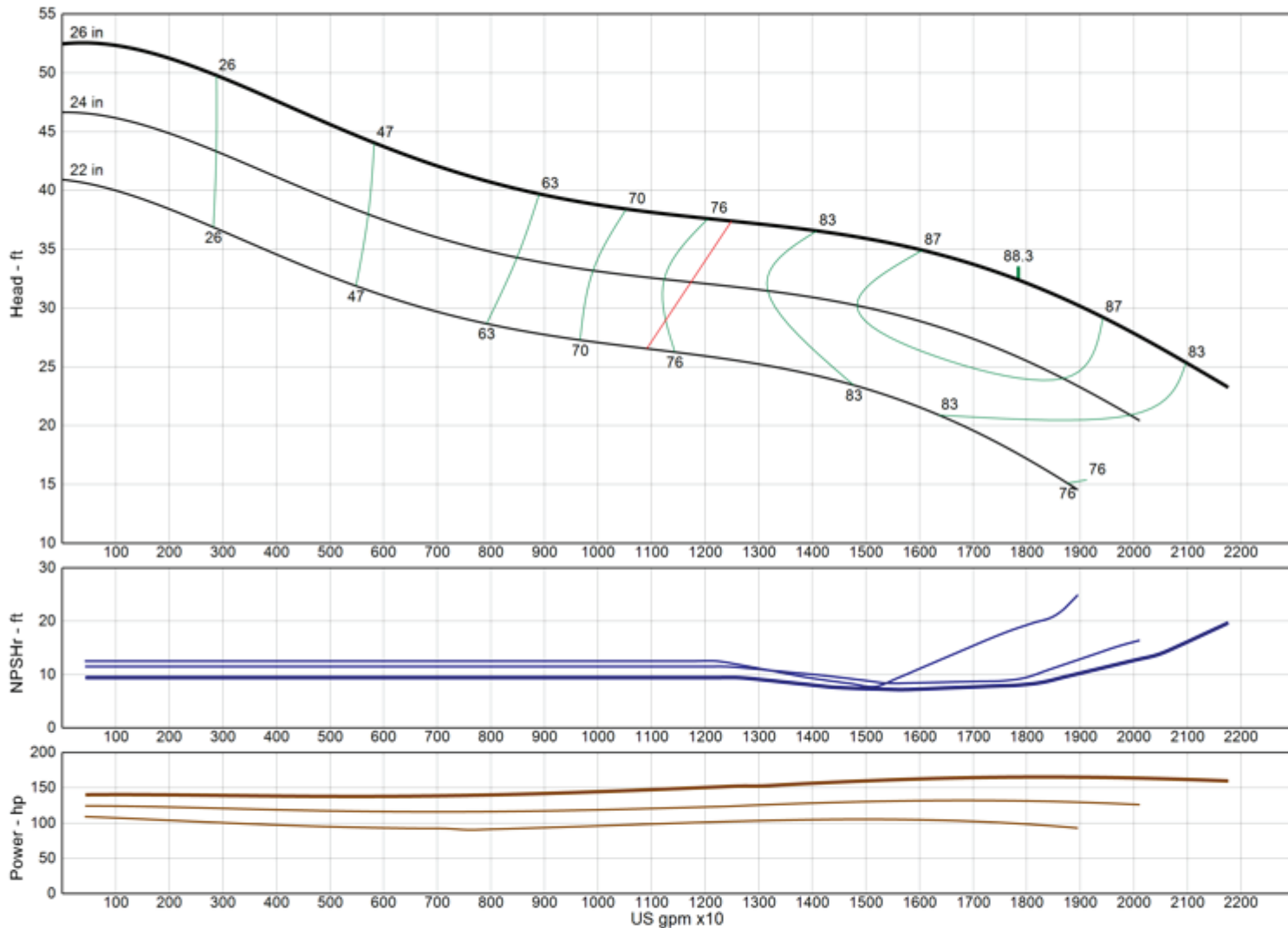
Lubbock, Texas

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# MODEL 36GHXC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>36GHXC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4130
Thrust K-Factor	212.00 lb/ft
Bowl OD	36.00 in
Bowl Lateral	2.80 in
Max PSI	270 psi
Thd Disch Size	--

### TURBINE OPERATIONS

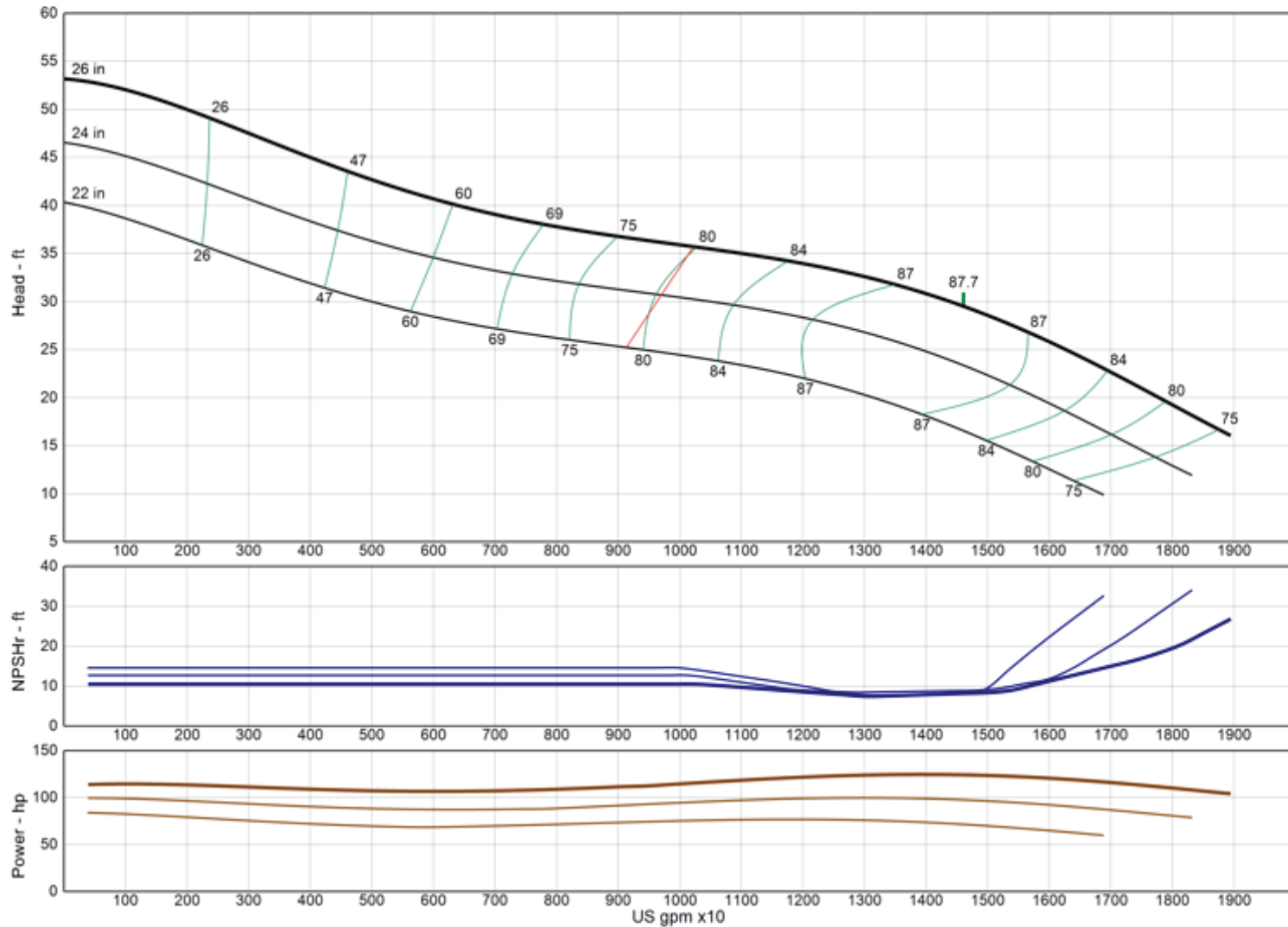
Lubbock, Texas

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# MODEL 36GLC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>36GLC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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>4010</b>
Thrust K-Factor	<b>175.10 lb/ft</b>
Bowl OD	36.00 in
Bowl Lateral	2.80 in
Max PSI	270 psi
Thd Disch Size	--

### TURBINE OPERATIONS

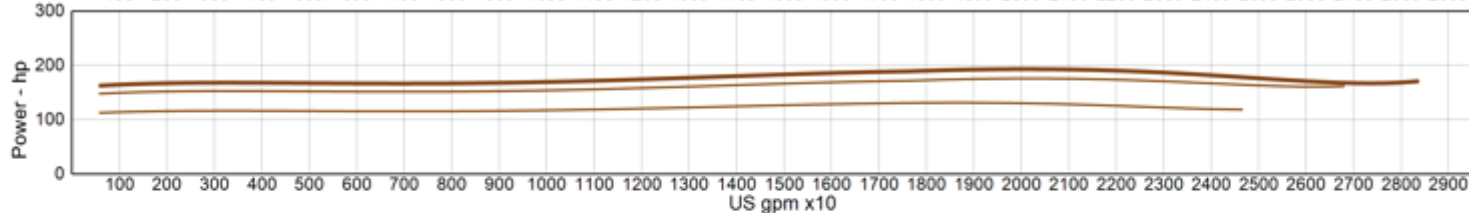
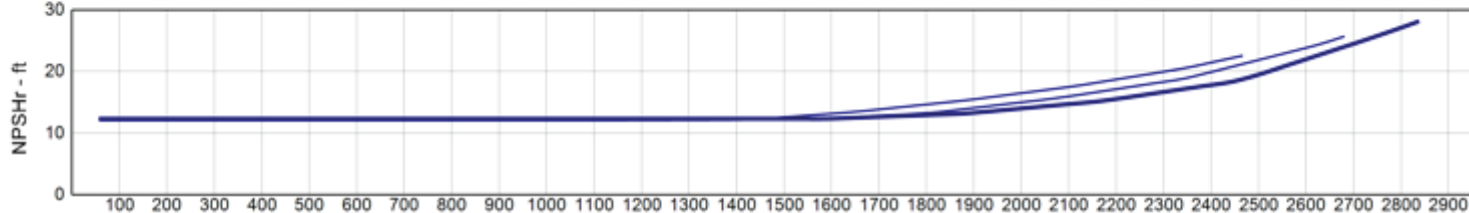
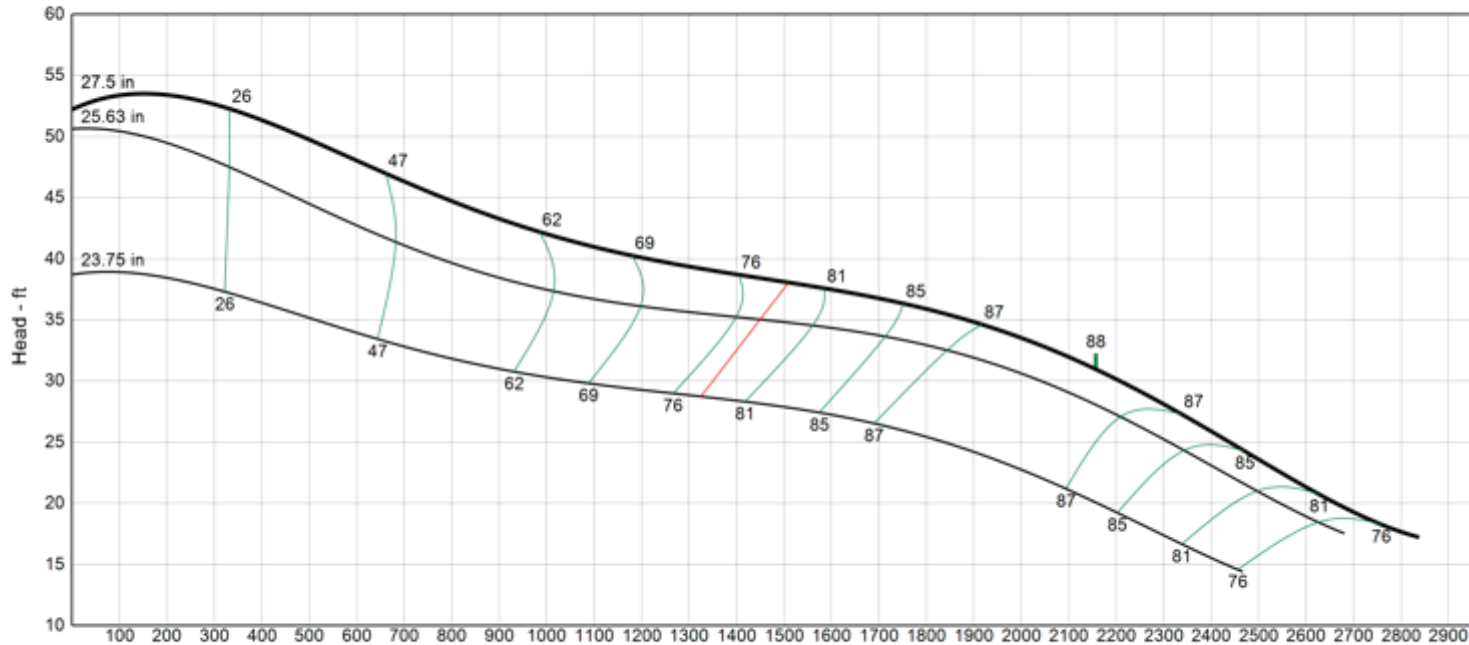
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# MODEL 40GHC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>40GHC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4700
Thrust K-Factor	210.40 lb/ft
Bowl OD	40.00 in
Bowl Lateral	3.18 in
Max PSI	330 psi
Thd Disch Size	--

### TURBINE OPERATIONS

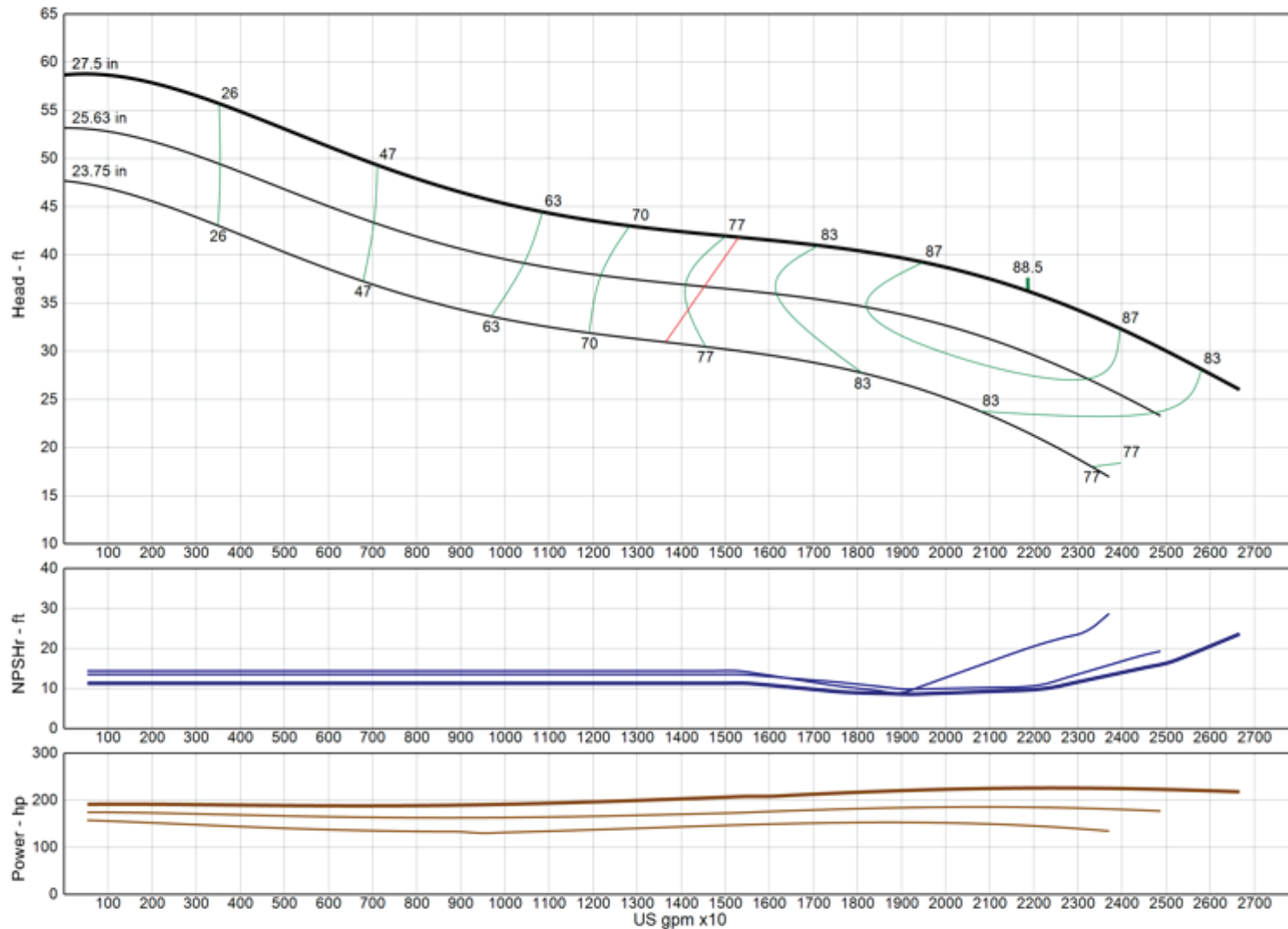
Lubbock, Texas

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# MODEL 40GHXC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>40GHXC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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>4205</b>
Thrust K-Factor	<b>250.40 lb/ft</b>
Bowl OD	40.00 in
Bowl Lateral	3.18 in
Max PSI	330 psi
Thd Disch Size	--

### TURBINE OPERATIONS

Lubbock, Texas

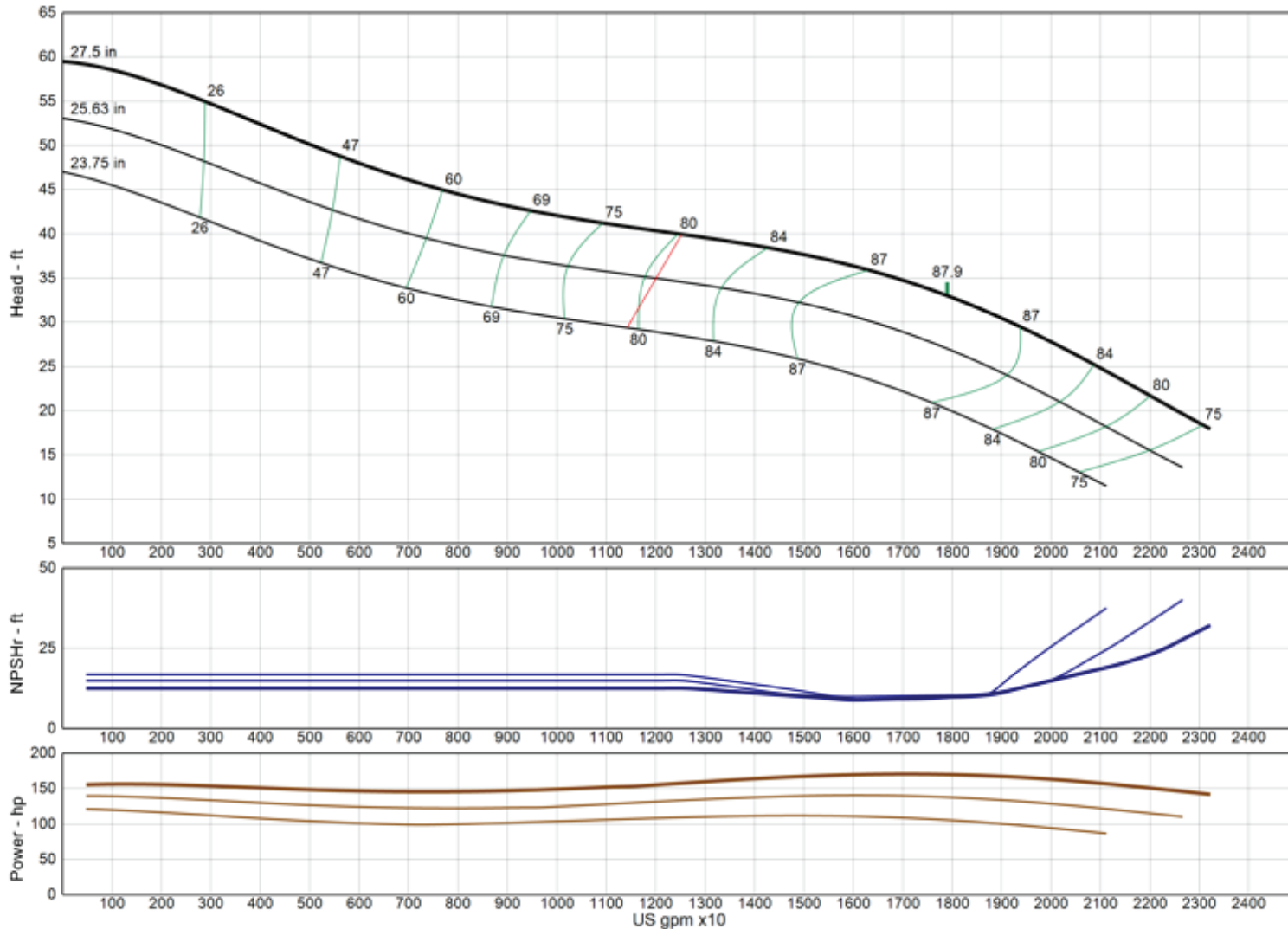
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# MODEL 40GLC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>40GLC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4080
Thrust K-Factor	205.20 lb/ft
Bowl OD	40.00 in
Bowl Lateral	3.18 in
Max PSI	330 psi
Thd Disch Size	--

### TURBINE OPERATIONS

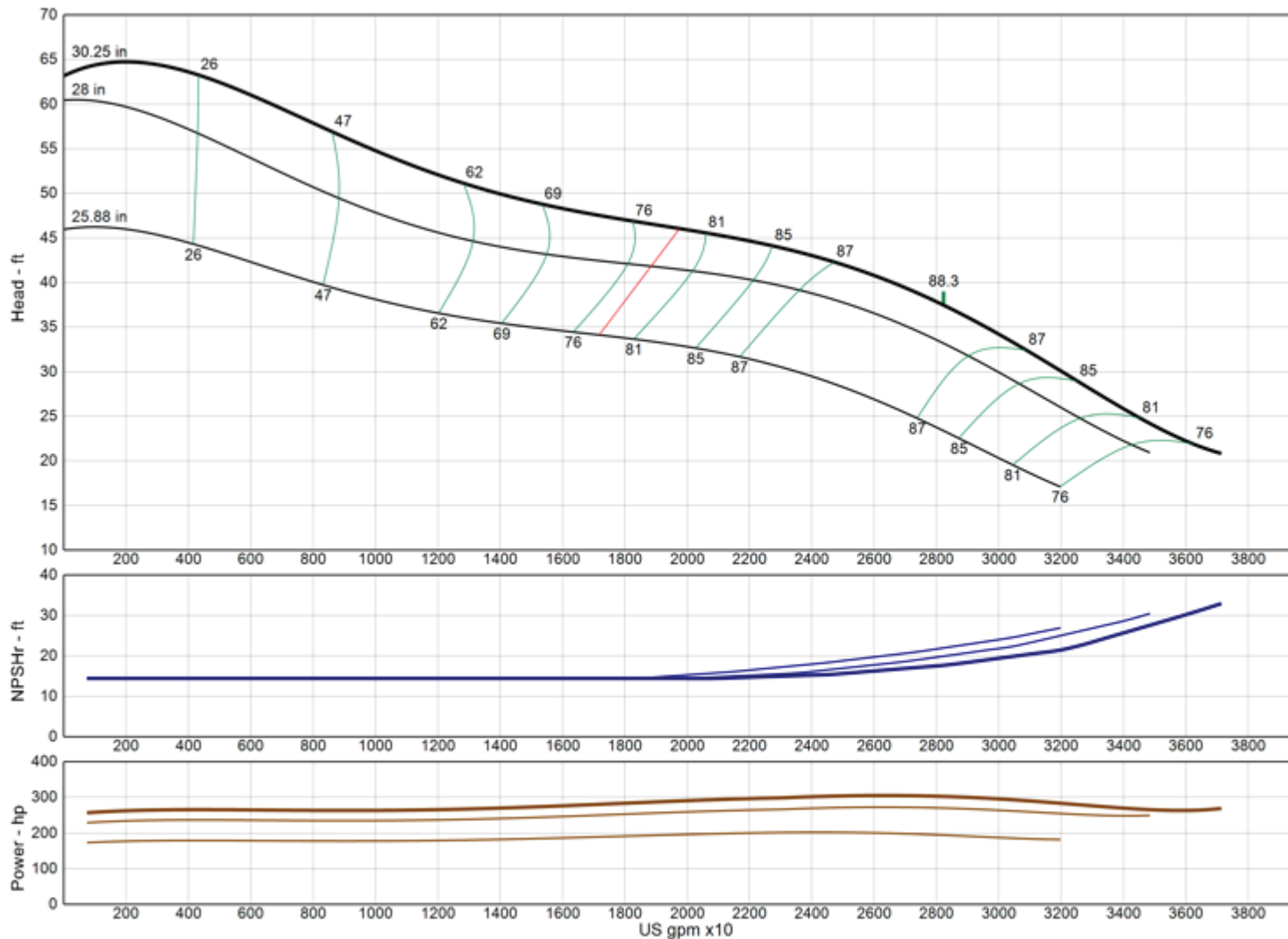
Lubbock, Texas

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# MODEL 44GHC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>44GHC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4660
Thrust K-Factor	259.90 lb/ft
Bowl OD	44.00 in
Bowl Lateral	3.73 in
Max PSI	330 psi
Thd Disch Size	--

**TURBINE OPERATIONS**  
Lubbock, Texas

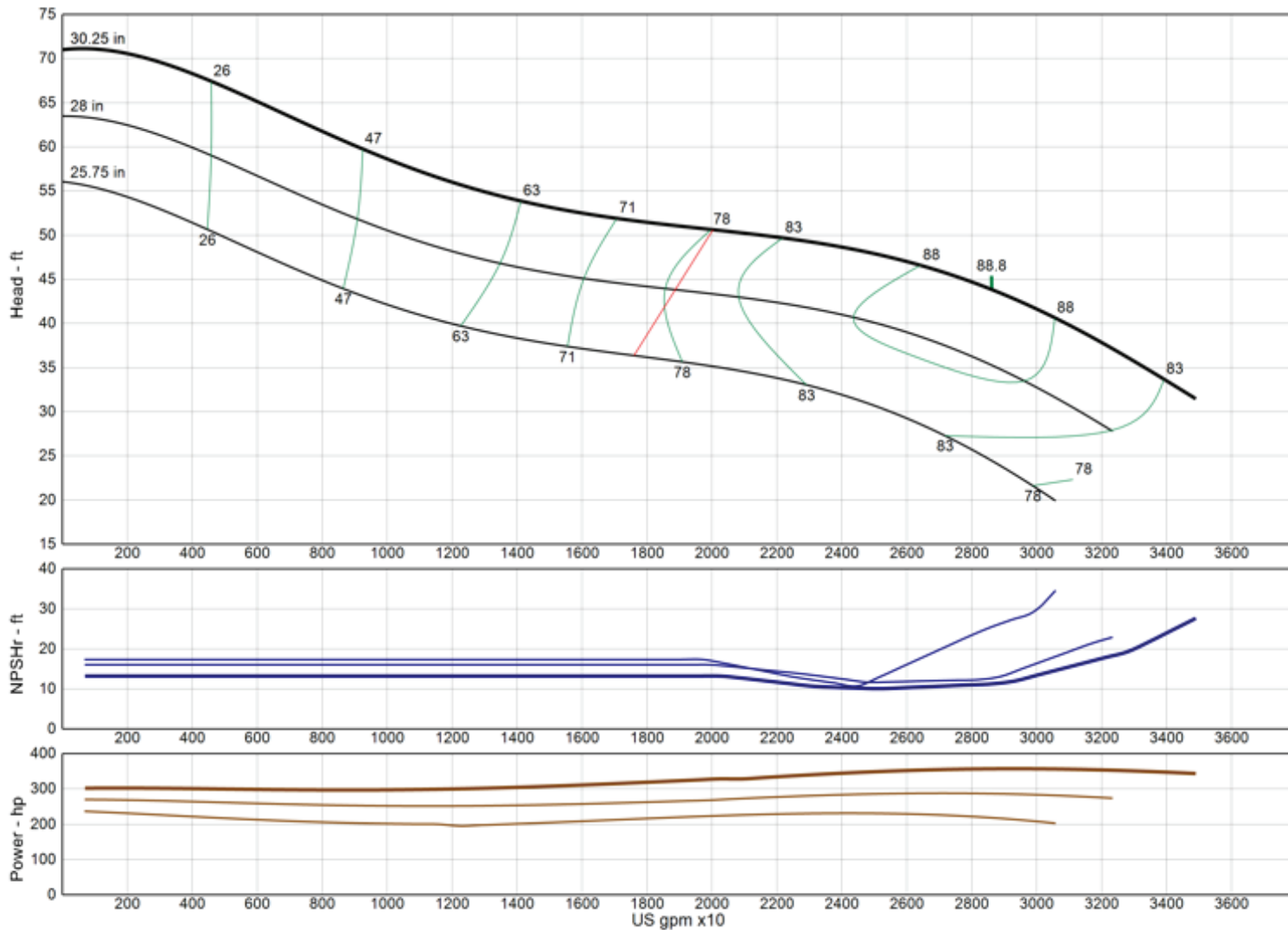
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES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



# MODEL 44GHXC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>44GHXC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4170
Thrust K-Factor	295.60 lb/ft
Bowl OD	44.00 in
Bowl Lateral	3.73 in
Max PSI	330 psi
Thd Disch Size	--

### TURBINE OPERATIONS

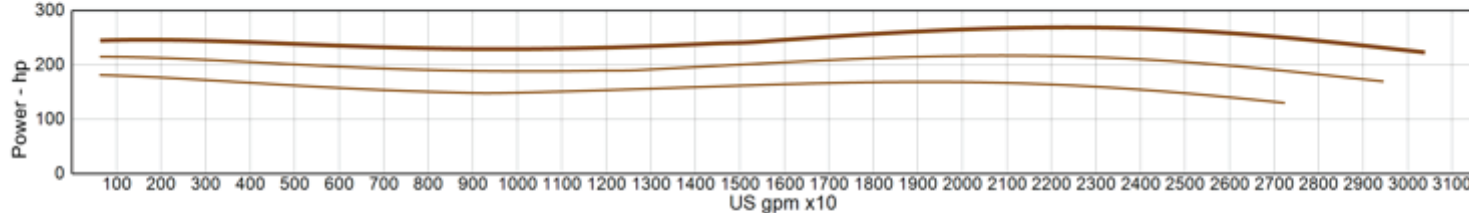
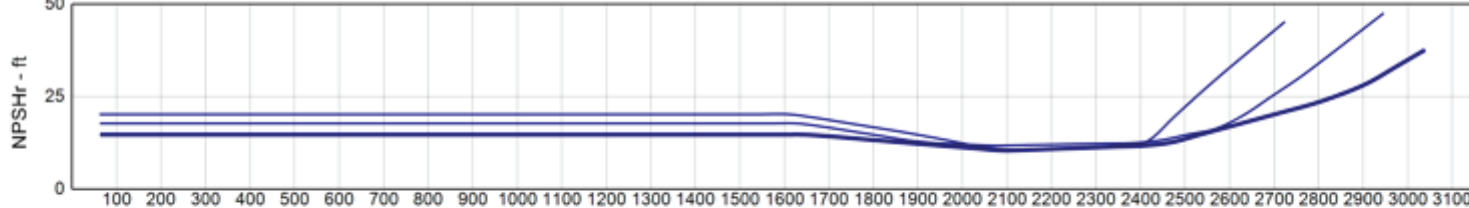
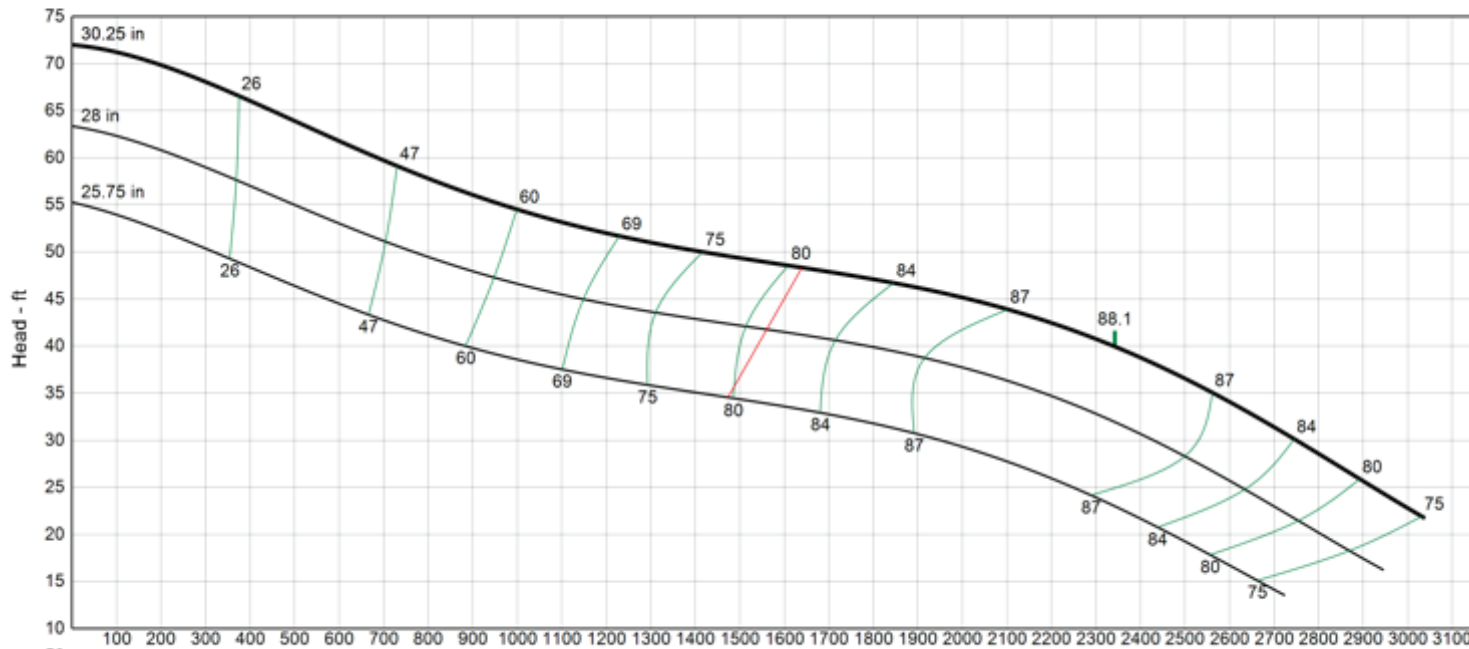
Lubbock, Texas

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 44GLC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>44GLC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4045
Thrust K-Factor	253.70 lb/ft
Bowl OD	44.00 in
Bowl Lateral	3.73 in
Max PSI	330 psi
Thd Disch Size	--

**TURBINE OPERATIONS**  
Lubbock, Texas

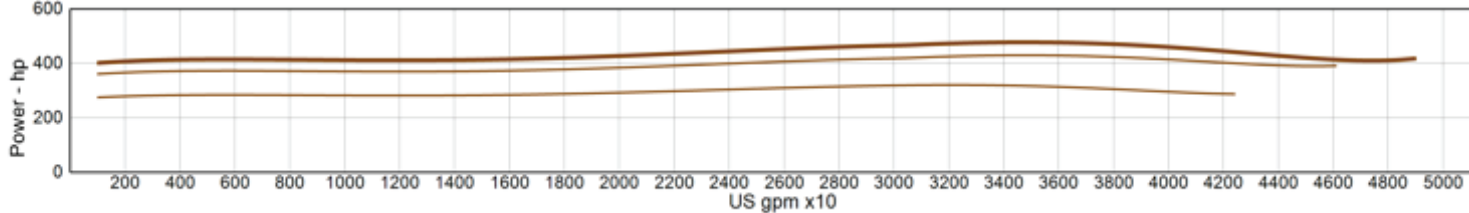
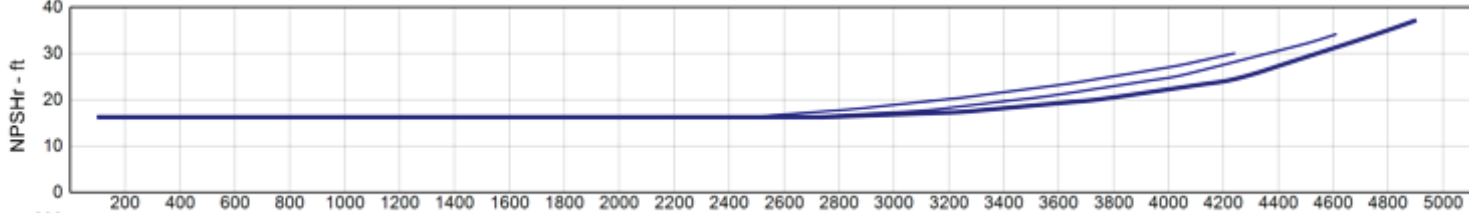
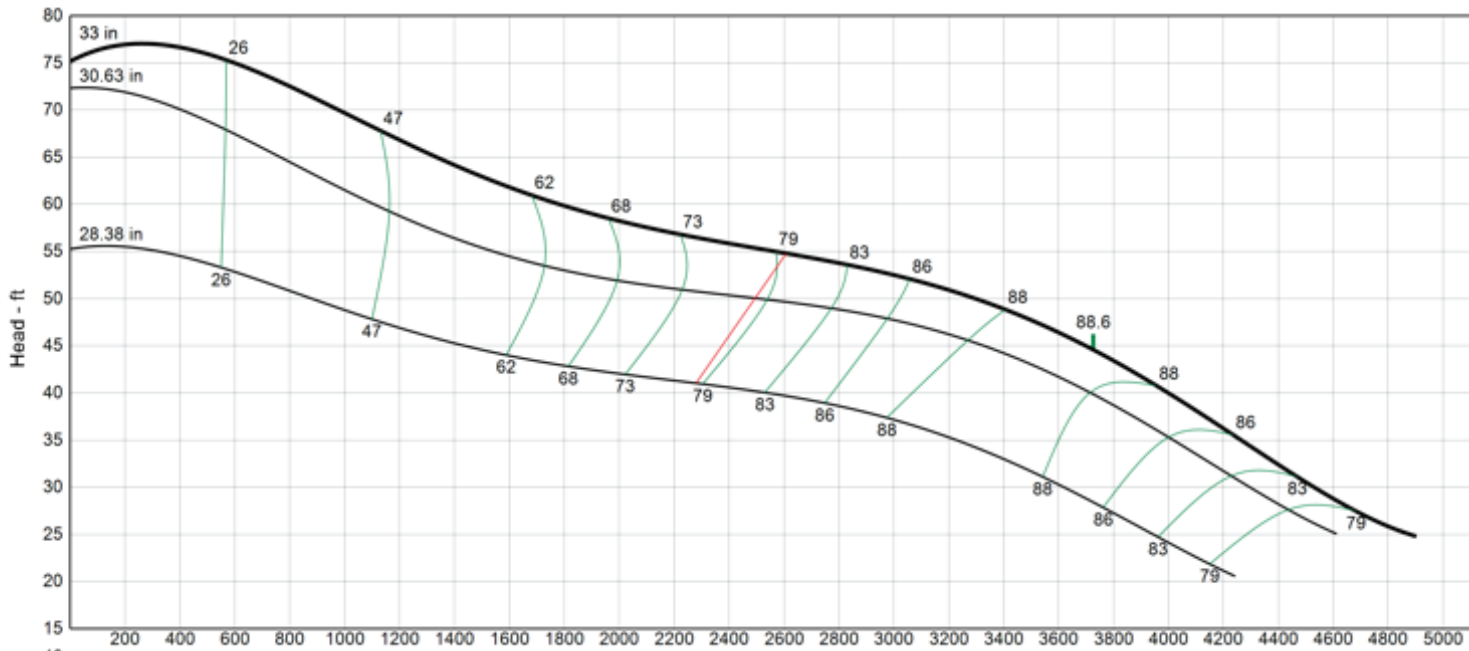
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES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



# MODEL 48GHC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>48GHC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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>4700</b>
Thrust K-Factor	<b>306.40 lb/ft</b>
Bowl OD	48.00 in
Bowl Lateral	4.22 in
Max PSI	330 psi
Thd Disch Size	--

**TURBINE OPERATIONS**  
 Lubbock, Texas

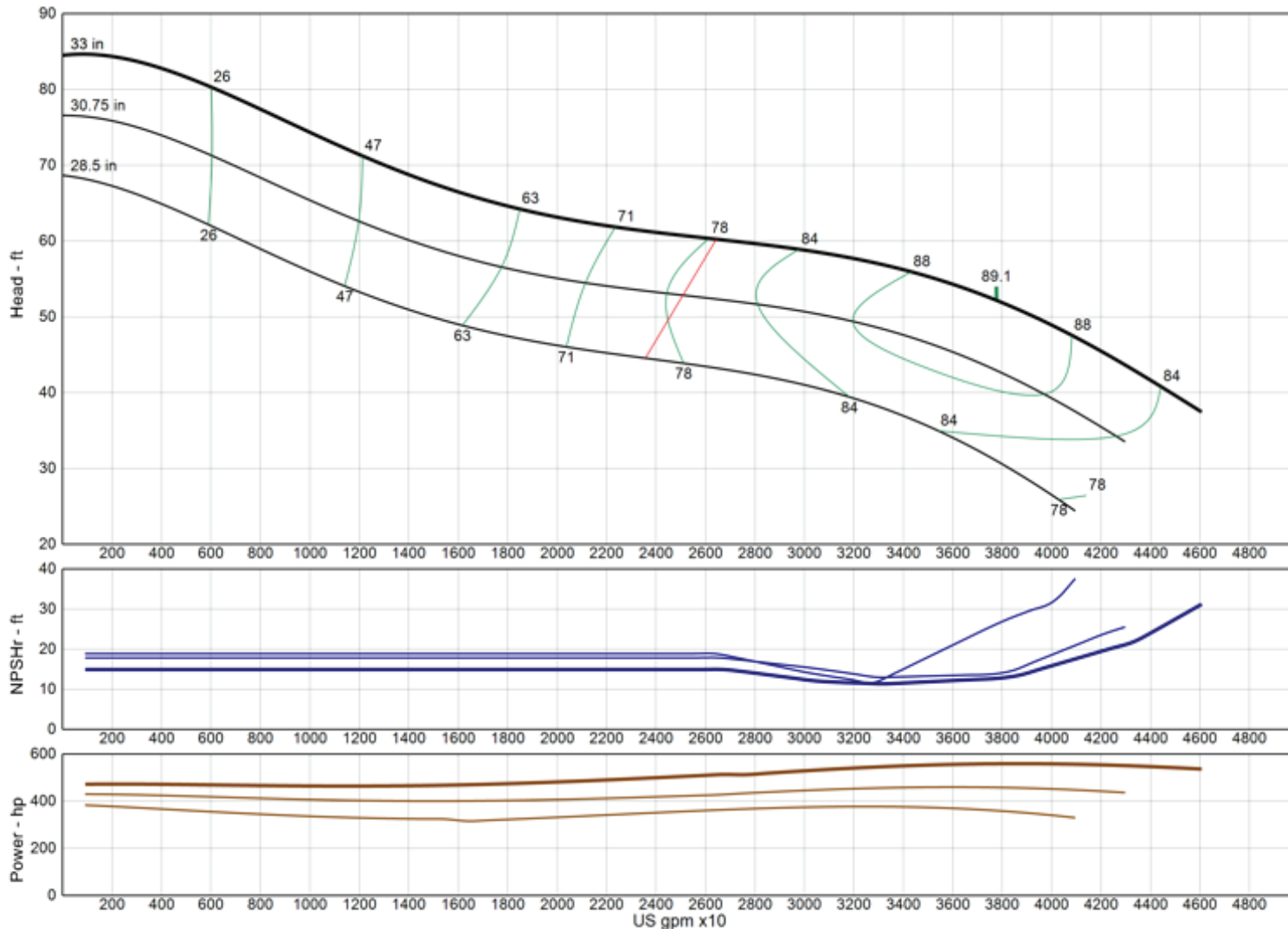
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES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



# MODEL 48GHXC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>48GHXC</b>
<b>RPM</b>	<b>420</b>
Freq   Poles	50 Hz   14-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	4205
Thrust K-Factor	360.10 lb/ft
Bowl OD	48.00 in
Bowl Lateral	4.22 in
Max PSI	330 psi
Thd Disch Size	--

### TURBINE OPERATIONS

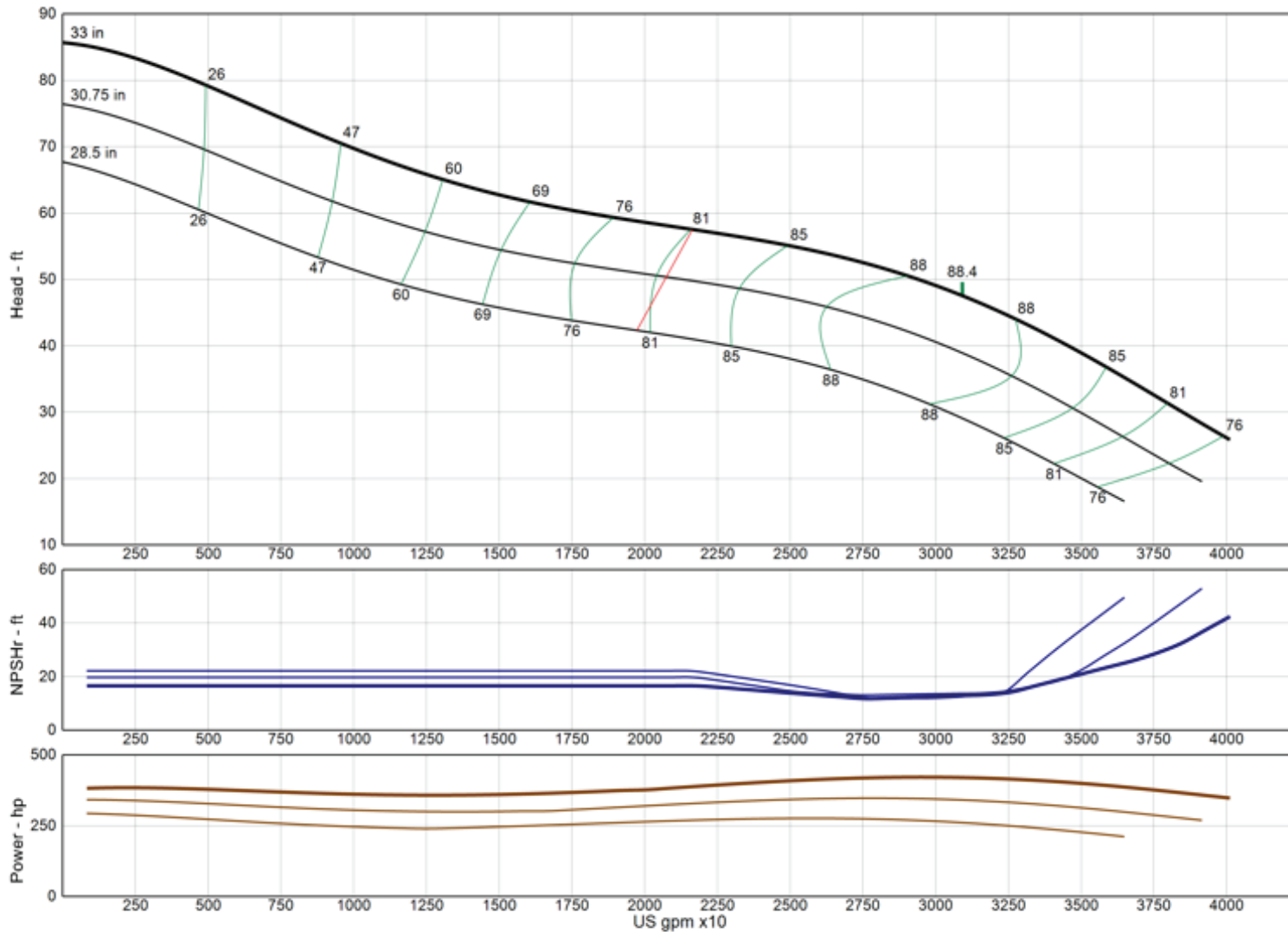
Lubbock, Texas

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 48GLC

(Effective November 04, 2019)

## Vertical Turbine Pump



<b>Model</b>	<b>48GLC</b>
<b>RPM</b>	<b>420</b>
<b>Freq   Poles</b>	<b>50 Hz   14-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>4080</b>
<b>Thrust K-Factor</b>	<b>298.90 lb/ft</b>
<b>Bowl OD</b>	<b>48.00 in</b>
<b>Bowl Lateral</b>	<b>4.22 in</b>
<b>Max PSI</b>	<b>330 psi</b>
<b>Thd Disch Size</b>	<b>--</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.

# 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)**



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