
Submersible Turbine Pump Curves

900 RPM CURVES - 60 CYCLE PERFORMANCE

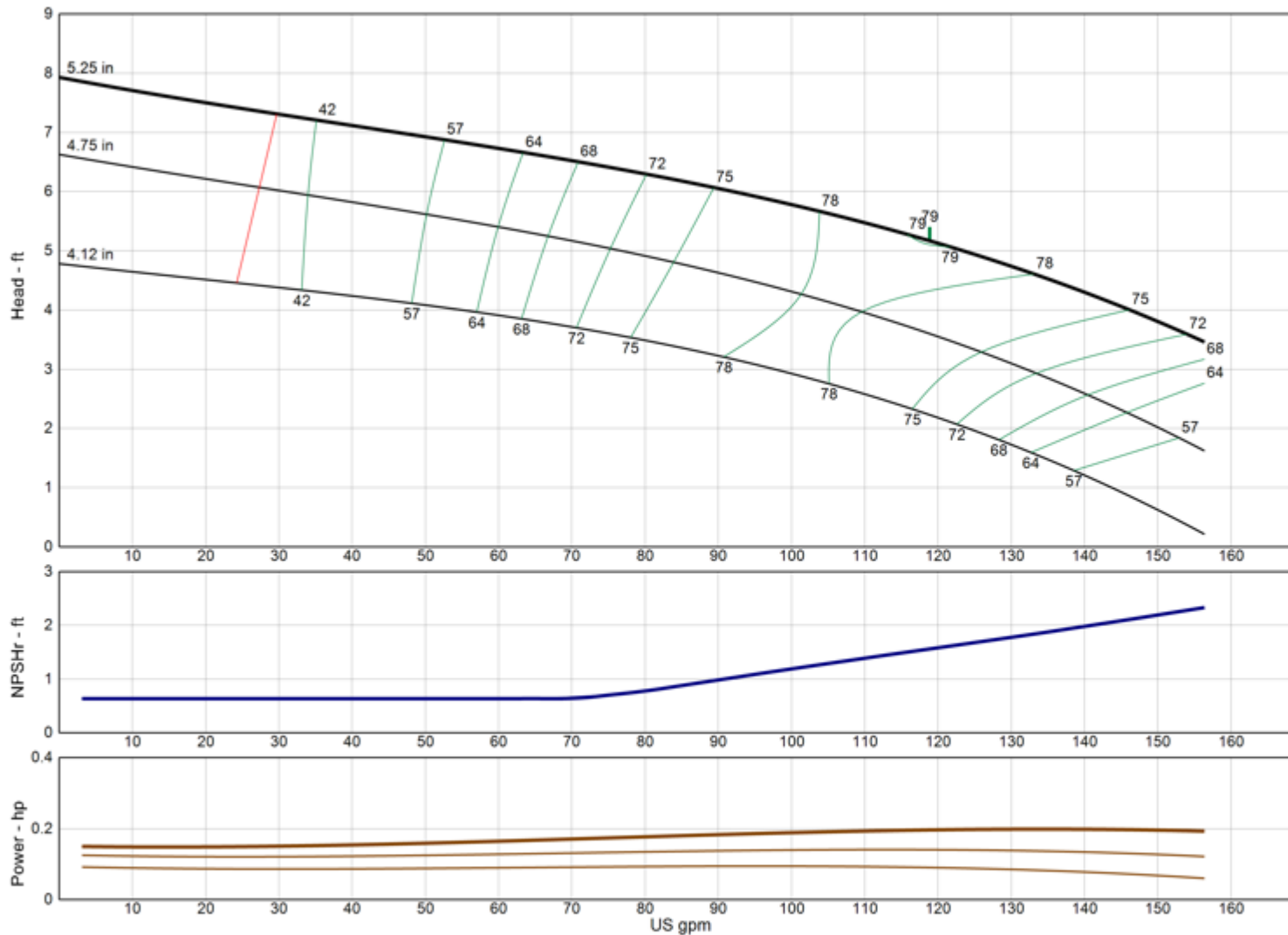
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MODEL 8RJLC

(Effective July 17, 2019)

Vertical Turbine Pump



| | |
|------------------------------|----------------|
| Model | 8RJLC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| 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", 6" |

TURBINE OPERATIONS
 Lubbock, Texas

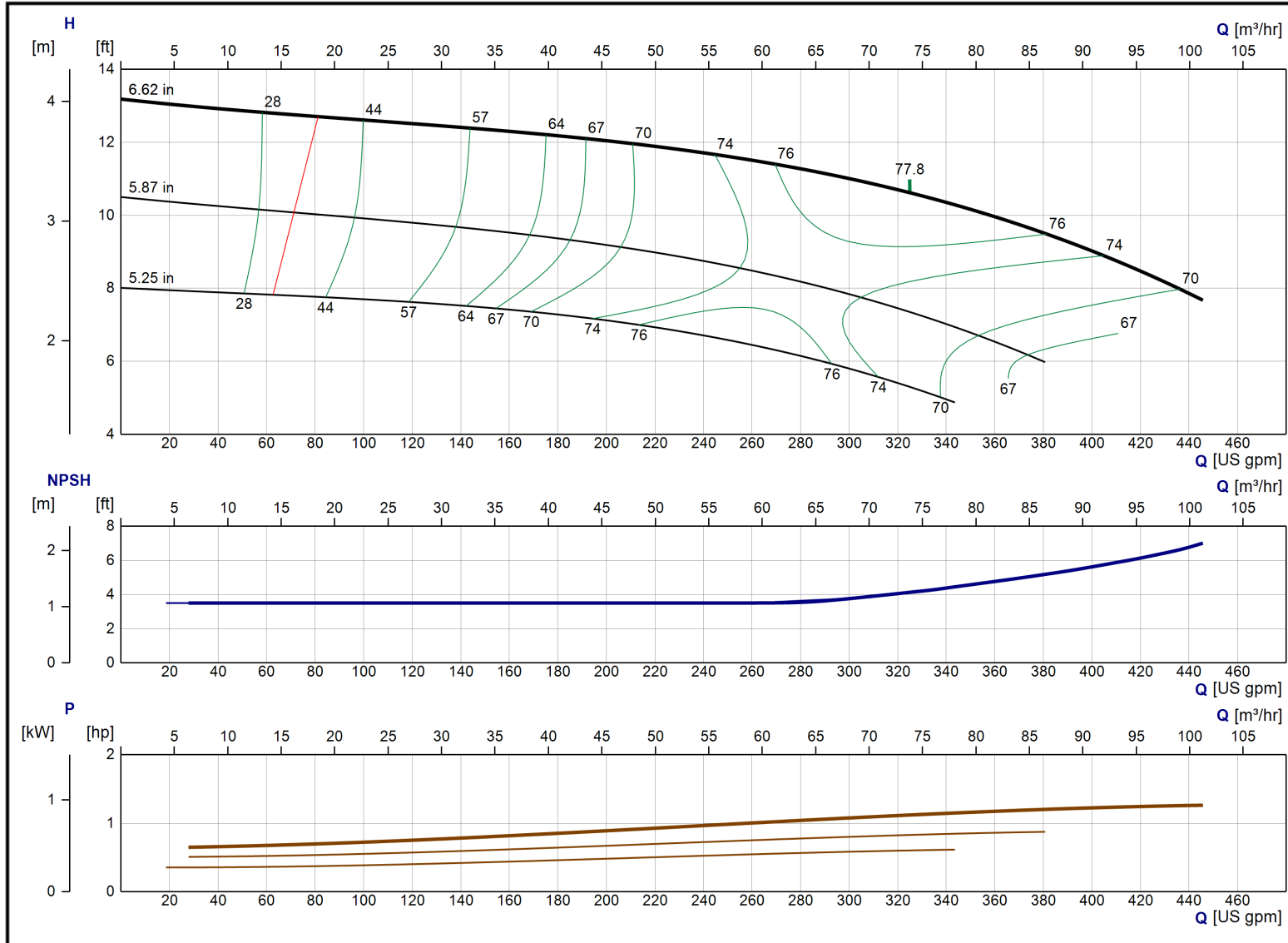
NOMINAL BOWL PERFORMANCE CURVE AND DATA BASED ON PUMPING CLEAR, NON-AERATED WATER AND USING STANDARD MATERIALS OF CONSTRUCTION. RATED POINT ONLY CAN BE GUARANTEED BY THE FACTORY. CURVES REPRESENT SINGLE STAGE AVERAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES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



MODEL 10RJHC

(Effective January 11, 2022)

Vertical Turbine Pump



| | |
|------------------------------|-----------------------|
| Model | 10RJHC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| 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 | 6", 8" |

TURBINE OPERATIONS
Lubbock, Texas

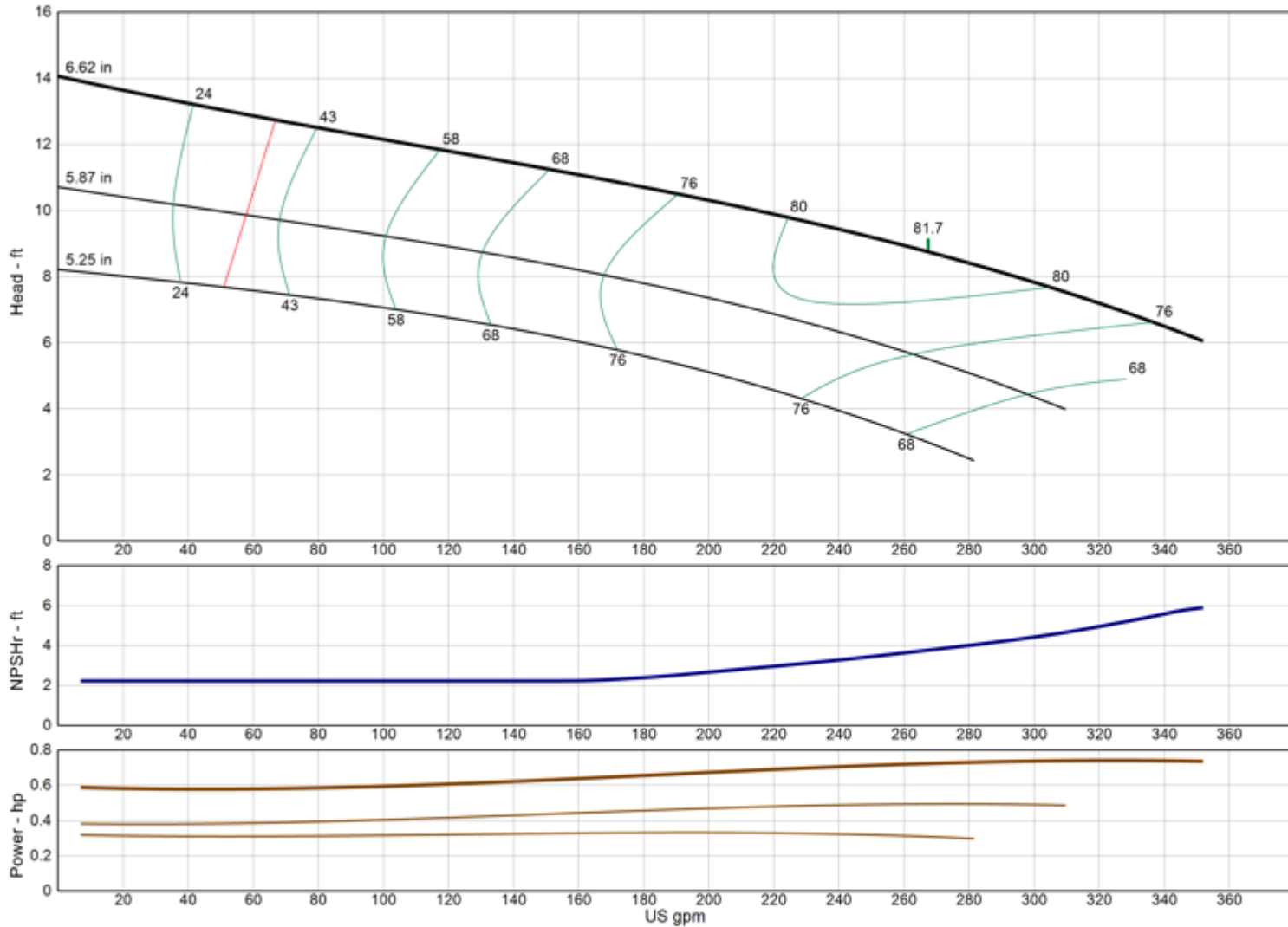
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MODEL 10RJLC

(Effective December 18, 2019)

Vertical Turbine Pump



Model 10RJLC

RPM 865

Freq | Poles 60 Hz | 8-pole

Pump Type Submersible

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 6", 8"

TURBINE OPERATIONS

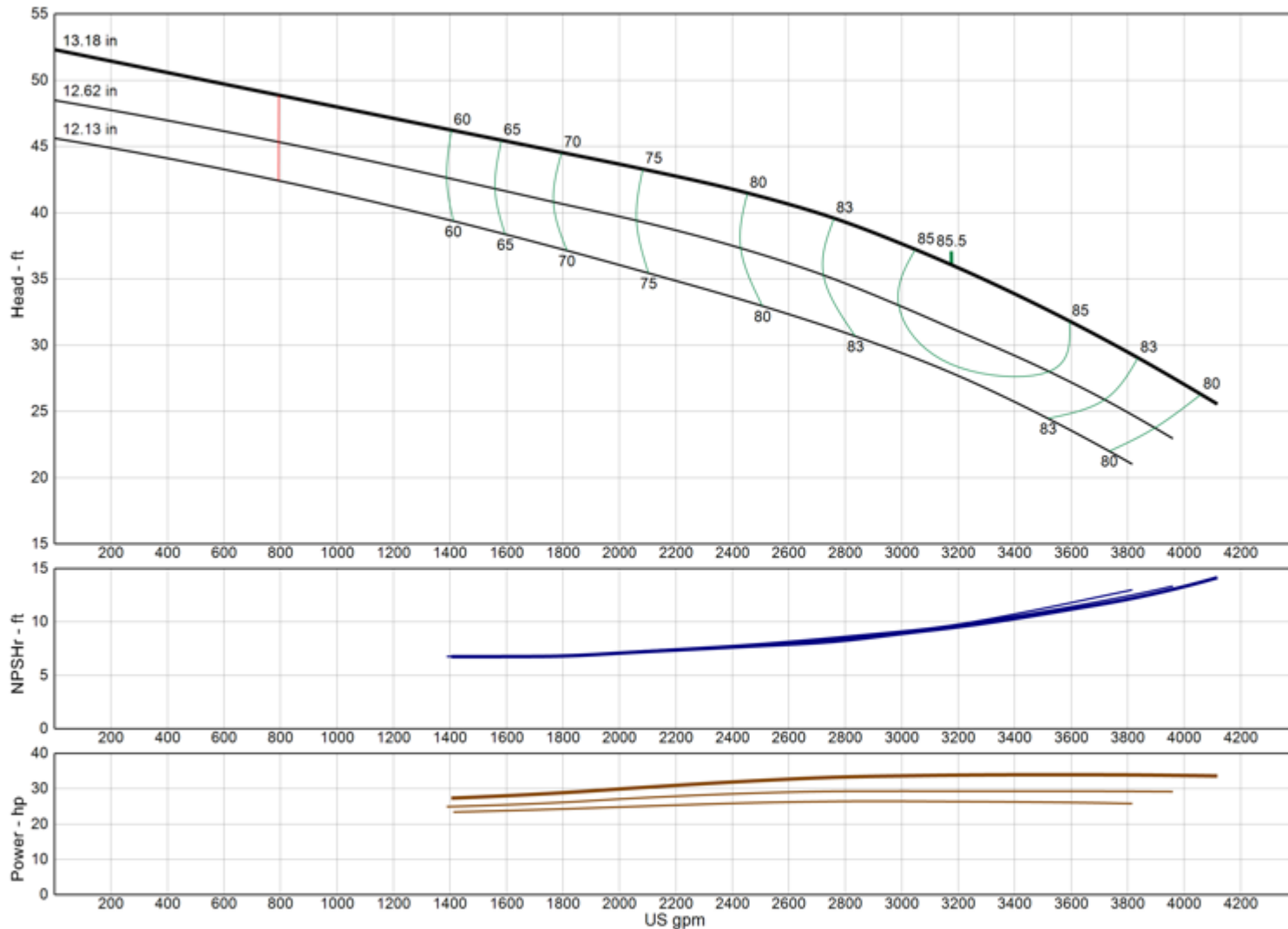
Lubbock, Texas

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MODEL 20EHC

(Effective July 17, 2019)

Vertical Turbine Pump



| | |
|------------------------------|----------------|
| Model | 20EHC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| EFFICIENCY CORRECTION | |
| 1-STAGE | 0.0 |
| 2-STAGE | 0.0 |
| 3-STAGE | 0.0 |
| 4-STAGE | 0.0 |
| Impeller Type | Enclosed |
| Ns | 3315 |
| Thrust K-Factor | 36.00 lb/ft |
| Bowl OD | 18.94 in |
| Bowl Lateral | 0.88 in |
| Max PSI | 370 psi |
| Thd Disch Size | 12" |

TURBINE OPERATIONS
 Lubbock, Texas

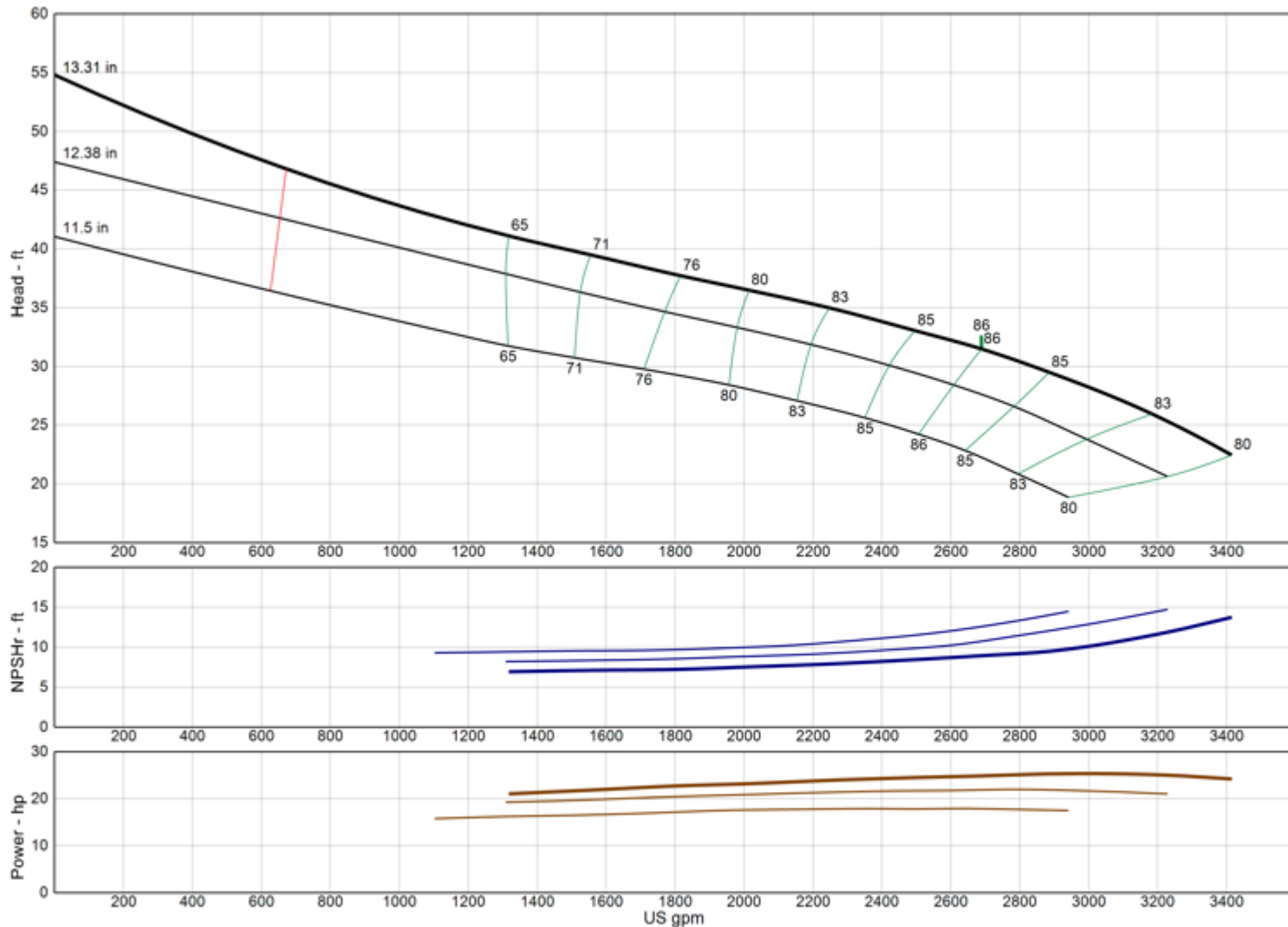
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MODEL 20ELC

(Effective July 17, 2019)

Vertical Turbine Pump



| | |
|------------------------------|--------------------|
| Model | 20ELC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| EFFICIENCY CORRECTION | |
| 1-STAGE | -3.0 |
| 2-STAGE | -1.0 |
| 3-STAGE | 0.0 |
| 4-STAGE | 0.0 |
| Impeller Type | Enclosed |
| Ns | 3375 |
| Thrust K-Factor | 31.00 lb/ft |
| Bowl OD | 18.94 in |
| Bowl Lateral | 0.88 in |
| Max PSI | 370 psi |
| Thd Disch Size | 12" |

TURBINE OPERATIONS

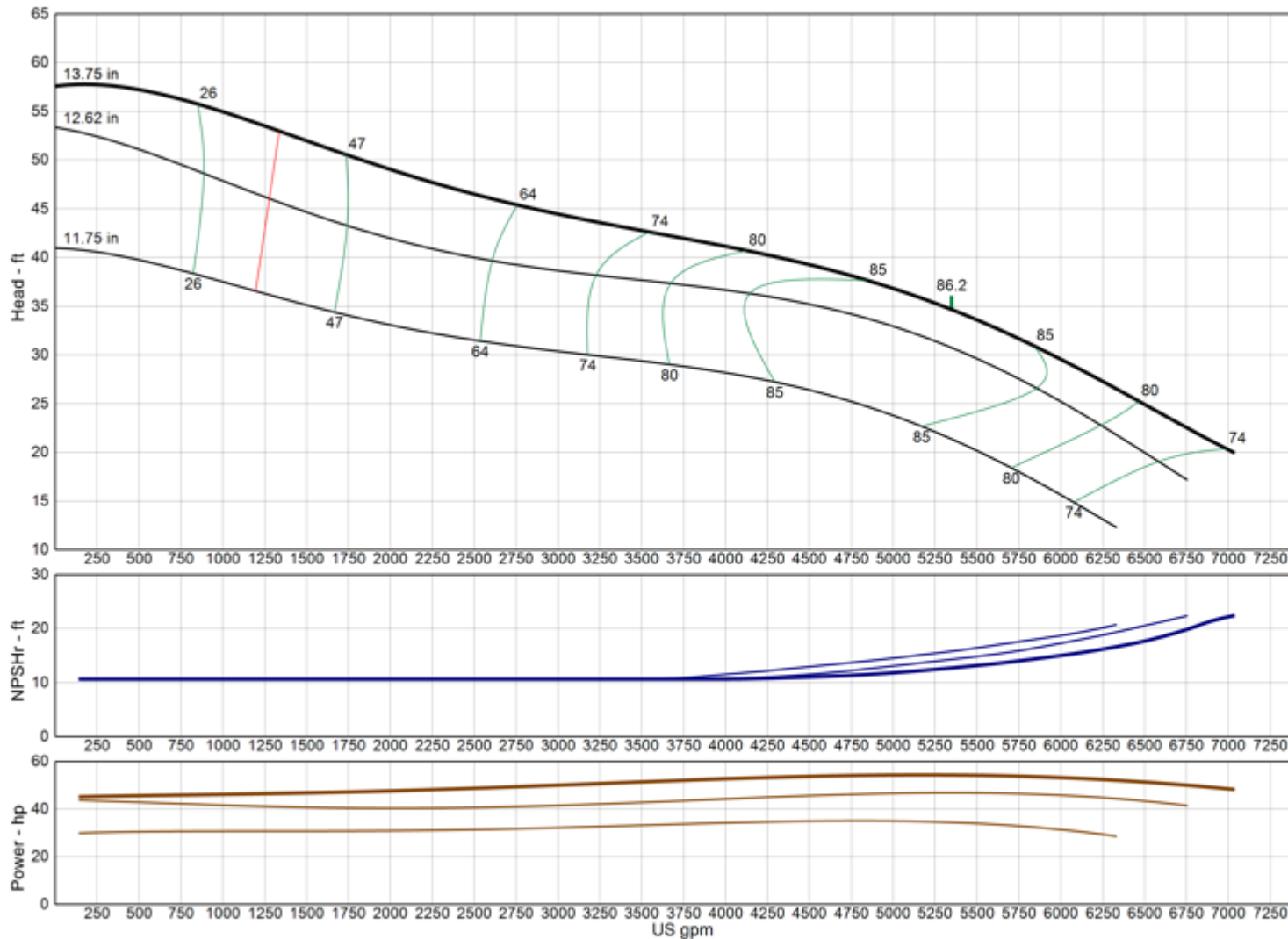
Lubbock, Texas

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MODEL 20GHC

(Effective December 18, 2019)

Vertical Turbine Pump



| | |
|------------------------------|----------------|
| Model | 20GHC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| EFFICIENCY CORRECTION | |
| 1-STAGE | -4.0 |
| 2-STAGE | -3.0 |
| 3-STAGE | -2.0 |
| 4-STAGE | -1.0 |
| Impeller Type | Enclosed |
| Ns | 4430 |
| Thrust K-Factor | 41.20 lb/ft |
| Bowl OD | 20.75 in |
| Bowl Lateral | 1.41 in |
| Max PSI | 270 psi |
| Thd Disch Size | -- |

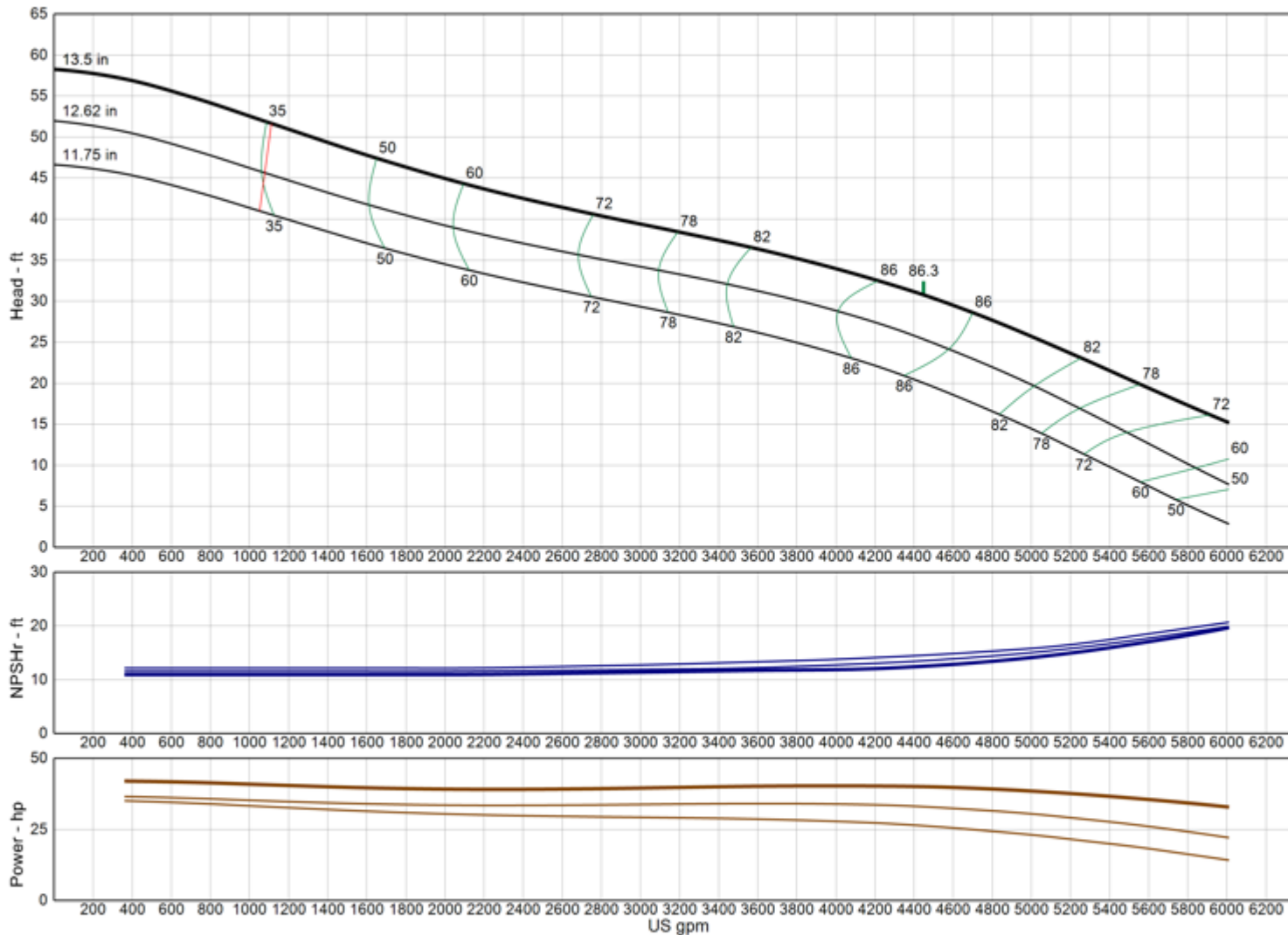
TURBINE OPERATIONS
Lubbock, Texas

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MODEL 20GLC

(Effective July 17, 2019)

Vertical Turbine Pump



| | |
|------------------------------|----------------|
| Model | 20GLC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| EFFICIENCY CORRECTION | |
| 1-STAGE | -1.0 |
| 2-STAGE | 0.0 |
| 3-STAGE | 0.0 |
| 4-STAGE | 0.0 |
| Impeller Type | Enclosed |
| Ns | 4415 |
| Thrust K-Factor | 45.00 lb/ft |
| Bowl OD | 20.75 in |
| Bowl Lateral | 1.41 in |
| Max PSI | 270 psi |
| Thd Disch Size | -- |

TURBINE OPERATIONS

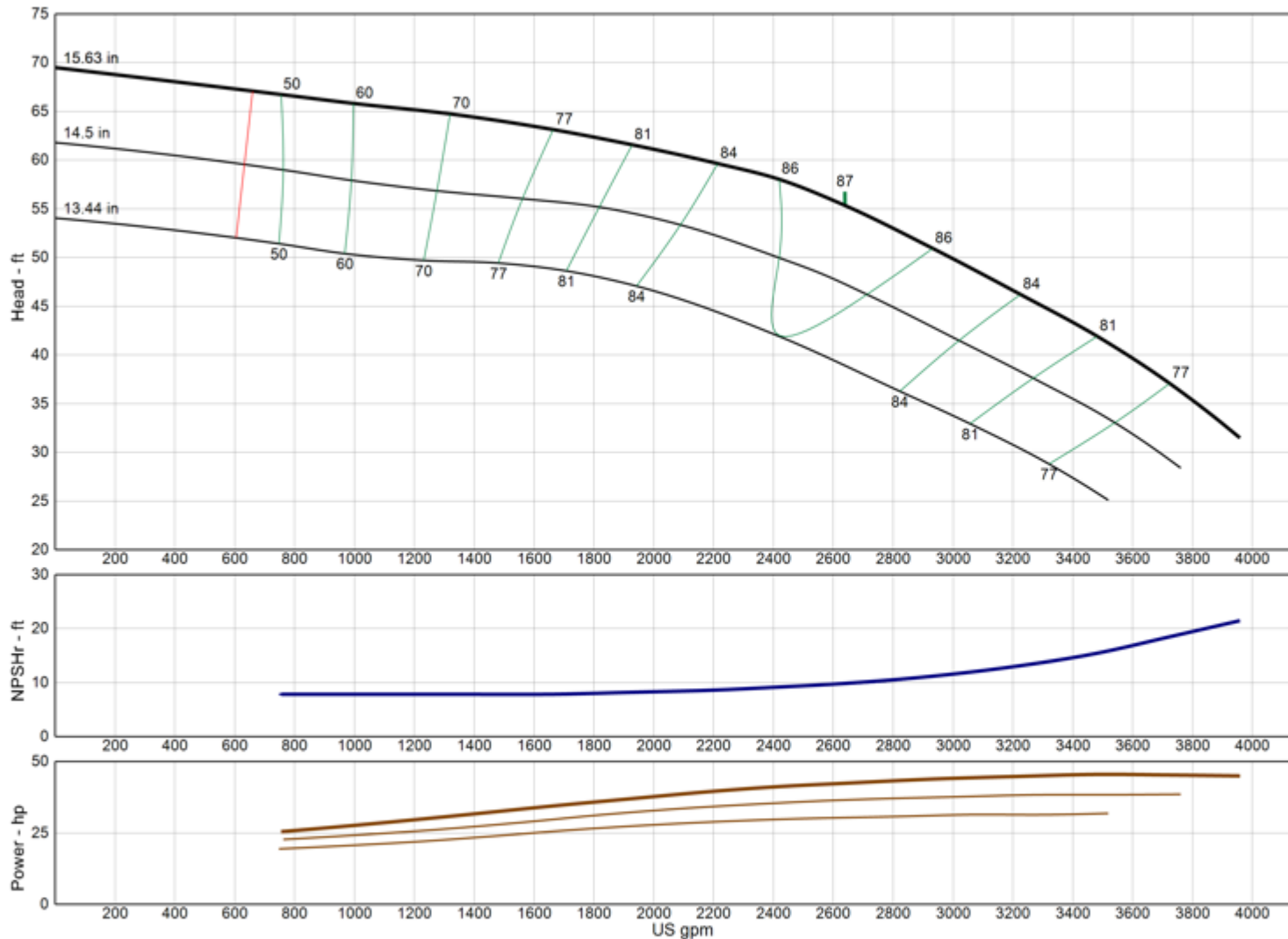
Lubbock, Texas

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MODEL 20RCHC

(Effective July 17, 2019)

Vertical Turbine Pump



| | |
|------------------------------|----------------|
| Model | 20RCHC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| EFFICIENCY CORRECTION | |
| 1-STAGE | -1.0 |
| 2-STAGE | 0.0 |
| 3-STAGE | 0.0 |
| 4-STAGE | 0.0 |
| Impeller Type | Enclosed |
| Ns | 2190 |
| Thrust K-Factor | 24.00 lb/ft |
| Bowl OD | 21.13 in |
| Bowl Lateral | 1.12 in |
| Max PSI | 400 psi |
| Thd Disch Size | -- |

TURBINE OPERATIONS
 Lubbock, Texas

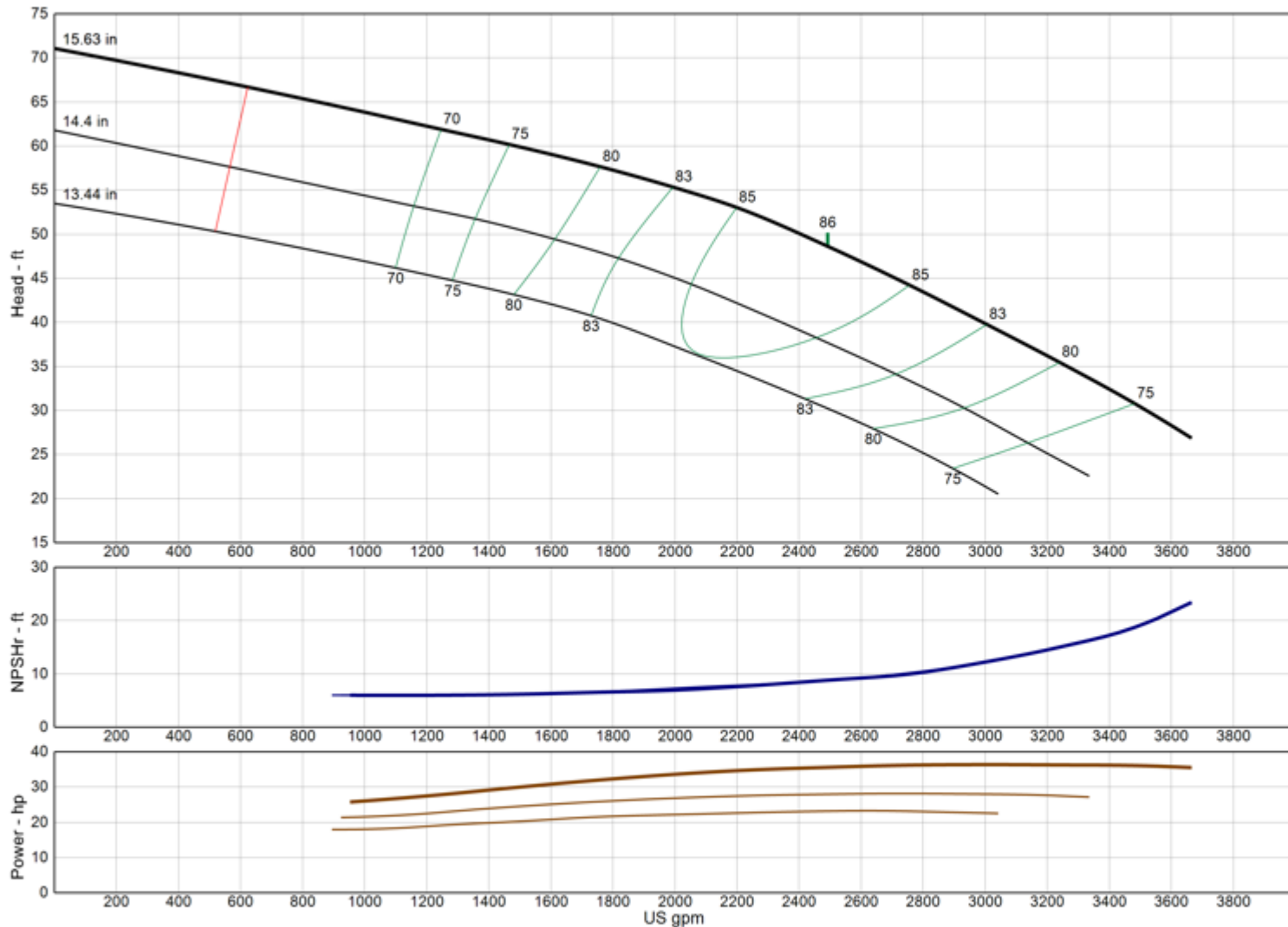
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MODEL 20RCLC

(Effective July 17, 2019)

Vertical Turbine Pump



| | |
|------------------------------|----------------|
| Model | 20RCLC |
| RPM | 865 |
| Freq Poles | 60 Hz 8-pole |
| Pump Type | Submersible |
| EFFICIENCY CORRECTION | |
| 1-STAGE | -1.0 |
| 2-STAGE | 0.0 |
| 3-STAGE | 0.0 |
| 4-STAGE | 0.0 |
| Impeller Type | Enclosed |
| Ns | 2345 |
| Thrust K-Factor | 24.00 lb/ft |
| Bowl OD | 21.13 in |
| Bowl Lateral | 1.12 in |
| Max PSI | 400 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.

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



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