WP0068
1020
Supersedes
NEW

RIGHT PUMP. RIGHT NOW.

WaterBoss™

LINESHAFT TURBINE PUMPS

Wolf is a family-owned, American company, born in the most abrasive, deep well water conditions of west Texas, delivering durable, custom pump solutions when and where you need them.

- **Customized, precision pump solutions**
- **Personal attention and quick shipping**
- **A 65-year reputation of excellence**

1800 RPM Performance Curves

To select the right pump for your application, see the Wolf Pump Selector at:

www.WolfPumps.com

WOLF™
CUSTOMIZED PUMPS
Right Pump. Right Now.®

WaterBoss™
LINESHAFT TURBINE PUMPS

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WOLF™ CUSTOMIZED PUMPS
Right Pump. Right Now.®

 WOLF PUMP | 800-886-2606 | Fax: 806-298-2114 | wolfpumps.com

History of Wolf Pump

Bill Wolf and Sons began operations in 1951 as a drilling and pump service company in Abernathy, TX. At that time irrigation was new to the West Texas region but rapidly gaining popularity. After several years of experience with the harsh well conditions and ever-changing water tables in West Texas, Mr. Wolf recognized the need to design, manufacture, and build a pump that was better suited for these applications. This was the start of the Wolf Pump line of submersible turbine pumps. Wolf Pump continues to transition from a regional manufacturing and pump service company to an international supplier of submersible turbine pumps with ever expanding facilities to accommodate growth into new regional and end-user markets.

In 2012, Wolf Pump was purchased by Flint & Walling, a world-wide leader in the pump industry since 1866. Under this organization and with the ability to leverage more sales, marketing, and engineering resources, several significant investments in facilities upgrades, including a state-of-the-art testing laboratory, have been made.

As Wolf grows in the future, customers should expect the same high level of service that they have grown accustomed to over the past several decades, and to be held to the following Covenant that we make with the marketplace.

WOLF PUMP'S COVENANT TO YOU

WE WILL NEVER FORGET THAT WE SERVE PEOPLE.

Wolf understands that the people we serve are depending upon us to help ensure their own livelihoods and we know that everyone we meet is working towards achieving personal goals. When this principle guides our actions, our other promises will be easy to keep.

OUR QUALITY ALWAYS COMES FIRST.

Wolf strives to meet or exceed our customer's expectations in every situation. Wolf products are designed in a way that maximizes the durability and life span of our products, and our employees are trained to identify and eliminate defects before they reach you. Product selections made by our inside sales team are made with the overall quality of the pump system in mind. Accessories and other products that complement our pump offering will always be chosen based on the quality reputation of our suppliers.

WE WILL OFFER FRIENDLY AND RESPONSIVE CUSTOMER SERVICE.

When you call, we answer the phone. When we don't know the answer, we find it….and we do it all with a smile. Wolf employees value the relationships we develop with our customers and have a passion for providing them with the best possible customer experience.

WE ARE COMMITTED TO MINIMIZING PRODUCTION LEAD TIMES.

When we receive your order, we consider it a privilege and an opportunity to impress you. Everyone in our facility knows that we have received your order and works toward the goal of shipping it to you as quickly as possible.

WE REMEMBER THAT OUR MARKET NEEDS CHANGE OVER TIME.

Wolf Pump's employees care about what you have to say about us and about our industry. The voice of a single customer is more powerful than a thousand consultants. If you have a need that is not currently being fulfilled, we relish the opportunity to innovate.

OUR CORE VALUES WILL ALWAYS BE ANCHORED BY INTEGRITY.

We expect our team to consistently do the right thing. A financially successful business that lacks integrity is not a success.

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0820
replaces
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Lineshaft Turbine RFQ Form

P.O. Box 490 / 18014 N I-27
Abernathy, TX 79311-0490
Office: (806) 298-2514
E-mail: sales@wolfpumps.com

Company Name: _____

Contact Name: _____ Date: _____

Phone: _____

E-Mail: _____ ☐ New or ☐ Existing System

LINESHAFT TURBINE DETAILS

GPM: _____ TDH: _____ HP / RPM: _____ / _____

Lube: ☐ Water ☐ Oil Assembly: ☐ Bowl ☐ Pump

Stick up (Projection): _____ Tube Size / TPI: _____ / _____

Manufacturer Fit: _____ Shaft Size / TPI: _____ / _____

Column Pump Size: _____ Butt

Suction Type: ☐ Bell ☐ Threaded _____ NPT

Strainer Type: ☐ None ☐ Basket ☐ Conical

Strainer Material: ☐ Galv Steel ☐ Stainless Steel ☐ Other

Special Notes:

WELL SYSTEM DETAILS

Well Diameter: _____ Pump Setting: (Deep Well) _____

Pumping Water Level: _____ Total Pump Length: (Short-Set) _____ or Pit Depth: _____

Pressure At Head: _____ System Applications: _____

Additional Data:

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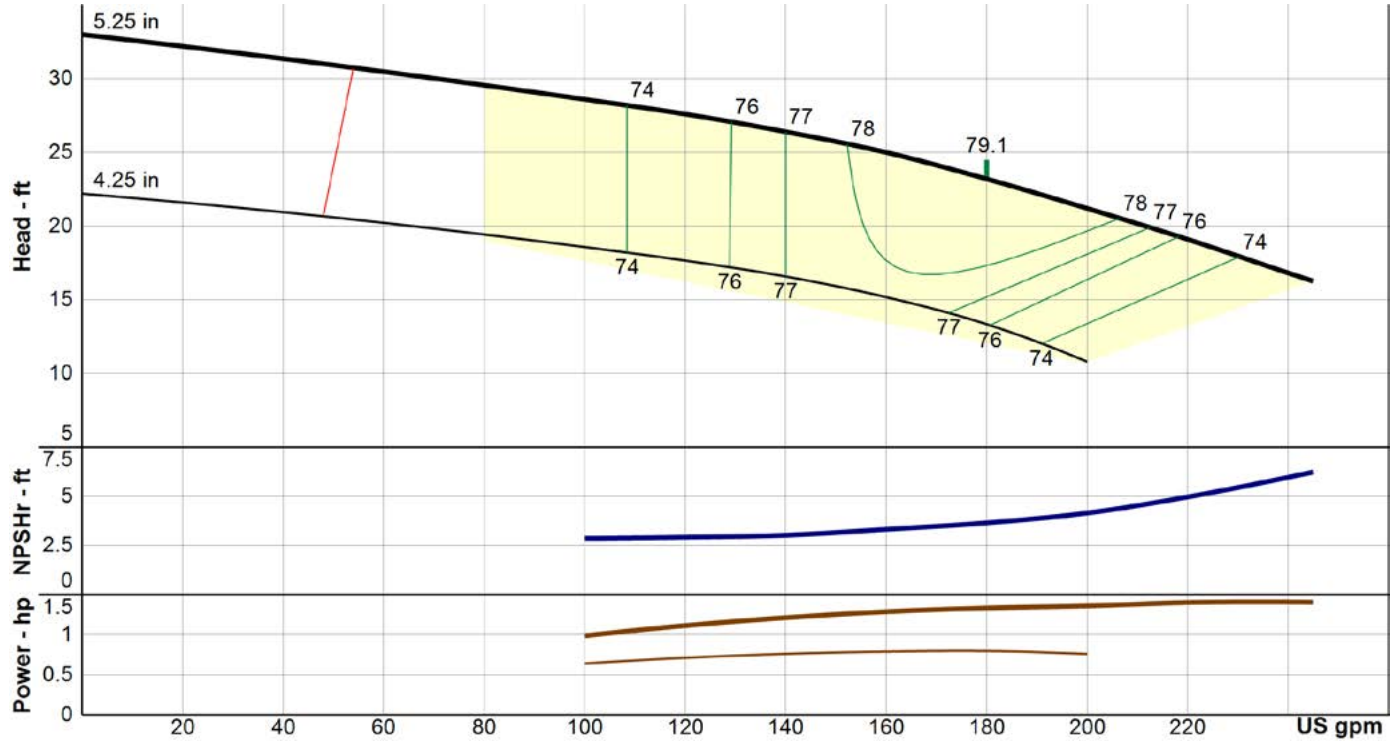
7CE5V

1770 RPM



Curve reflects single stage performance with derates.

MECHANICAL DATA

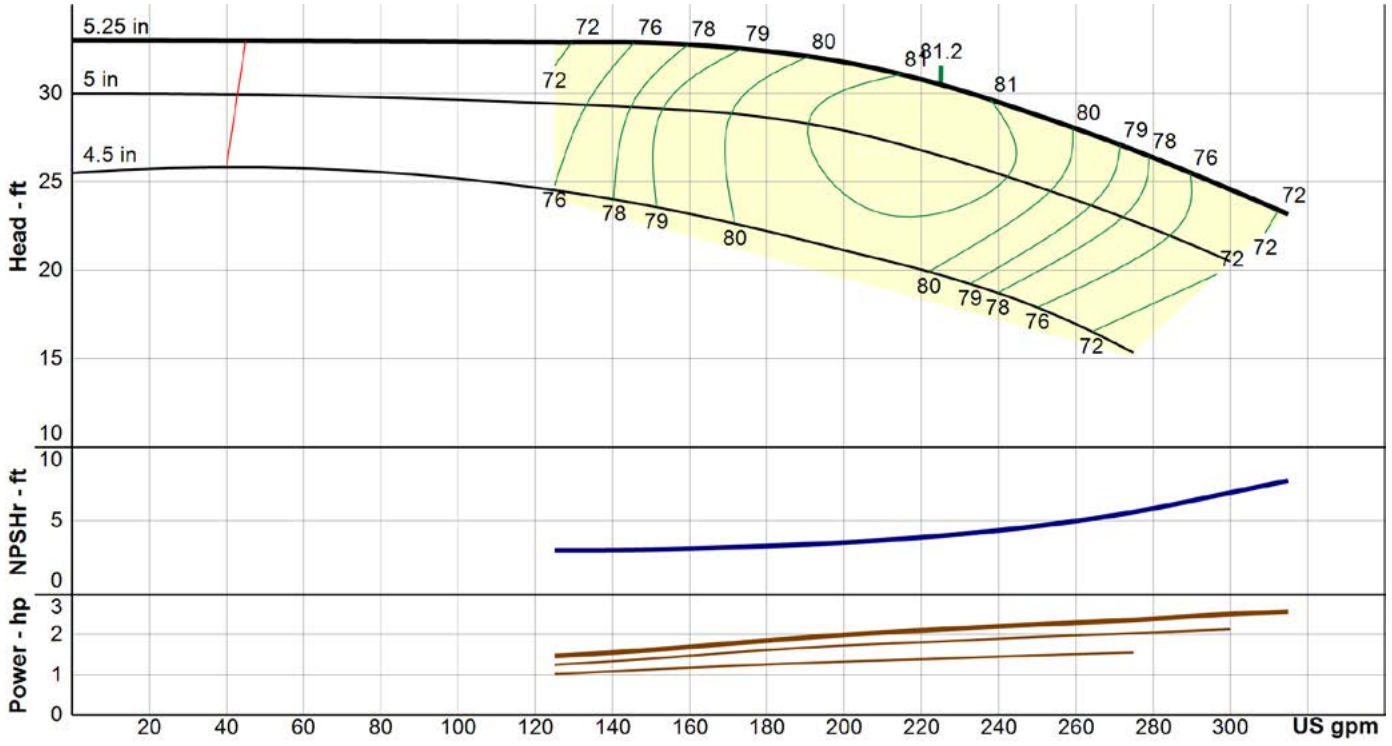
Bowl Shaft Diameter (in)	1.18"
Disch Sizes Available (in)	4,5,6
Suction Dia (in)	4
K Factor	3.5
Lateral (in)	0.5
1 stg weight (lbs)	76
Add stage weight (lbs)	30
Bowl Diameter (in)	7.13

Max Sphere Size (in)	0.43
Impeller Type	enclosed
Bowl Pressure Limits (psig)	415
1 Stage Efficiency Derate	-3
2 Stage Efficiency Derate	-2
3 Stage Efficiency Derate	-1
4 Stage Efficiency Derate	-0.5

Eff. 5/18/2020

7CE8V

1770 RPM



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3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

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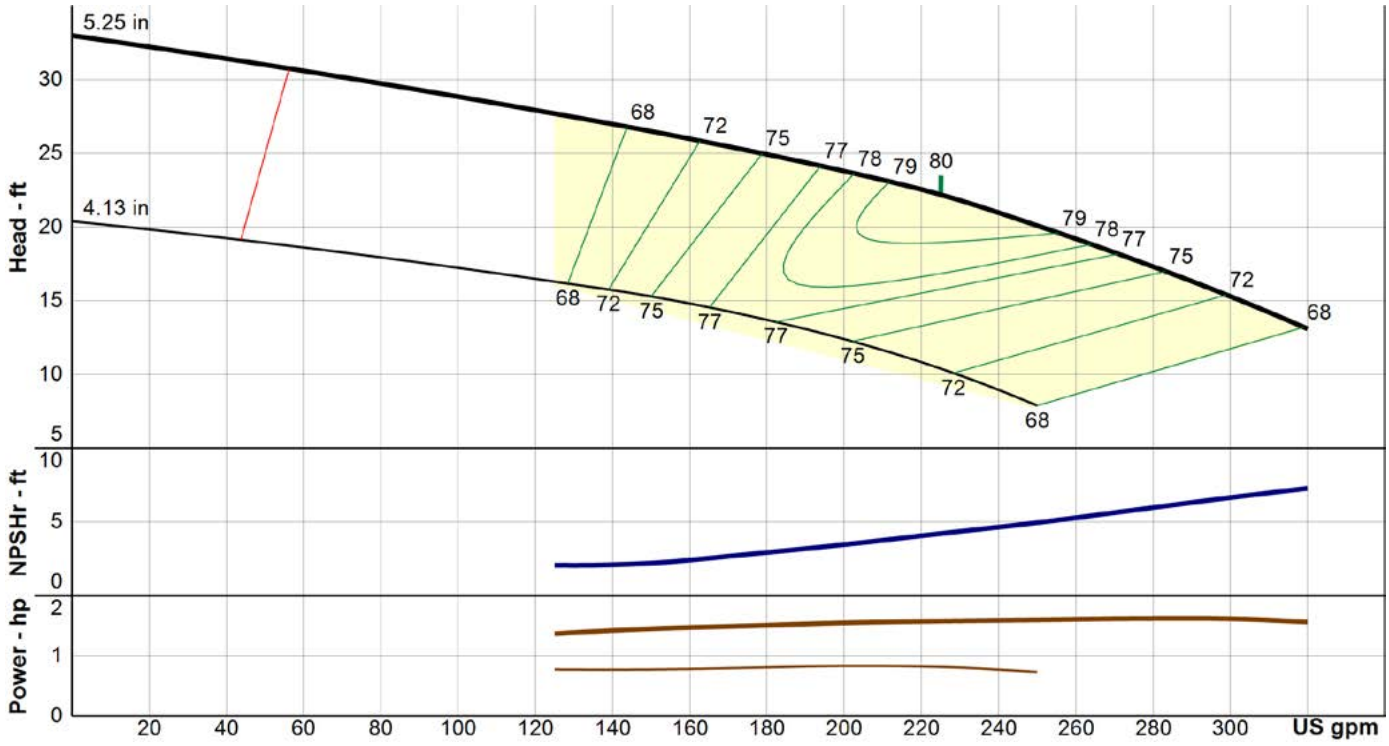
8JE5V

1770 RPM



Curve reflects single stage performance with derates.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.18"
Disch Sizes Available (in)	4,5,6
Suction Dia (in)	4
K Factor	4
Lateral (in)	0.63
1 stg weight (lbs)	92
Add stage weight (lbs)	34
Bowl Diameter (in)	7.5

Max Sphere Size (in)	0.43
Impeller Type	enclosed
Bowl Pressure Limits (psig)	425

1 Stage Efficiency Derate	0
2 Stage Efficiency Derate	0
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

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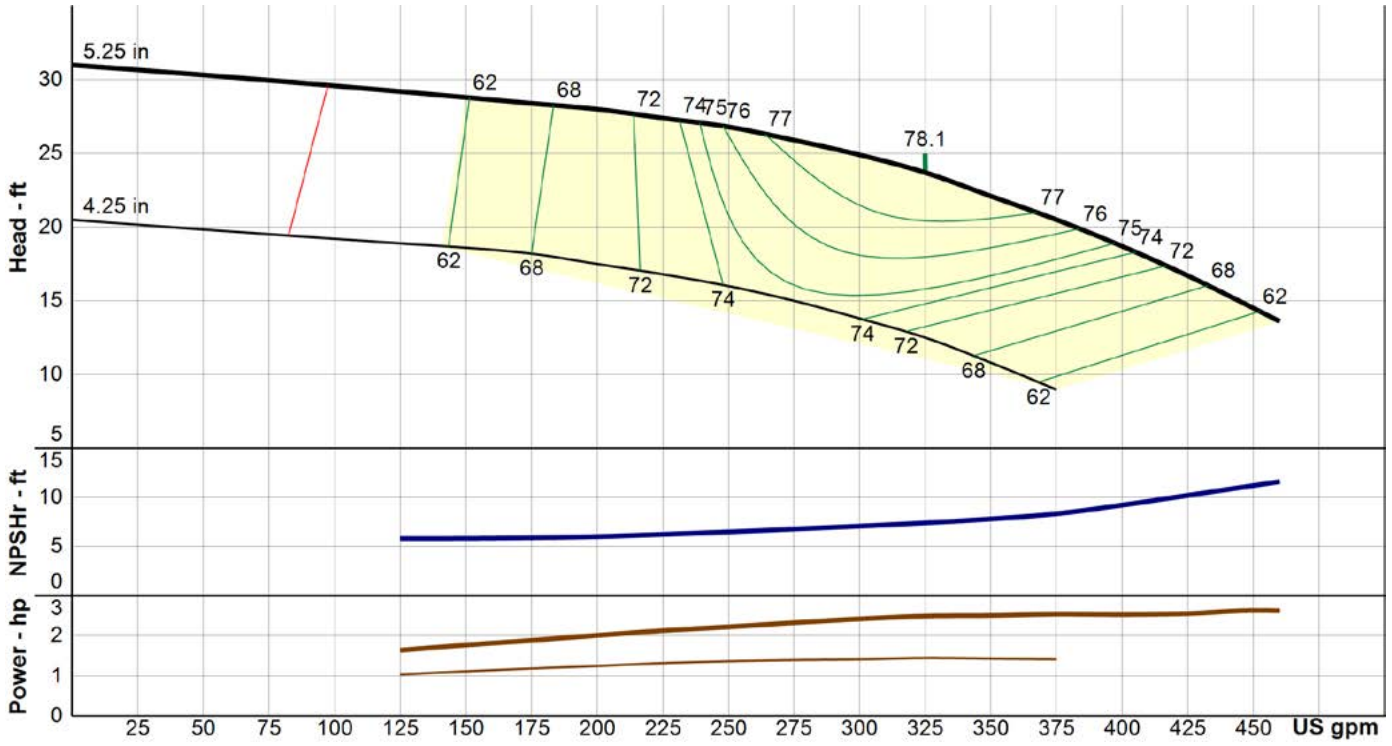
1770 RPM



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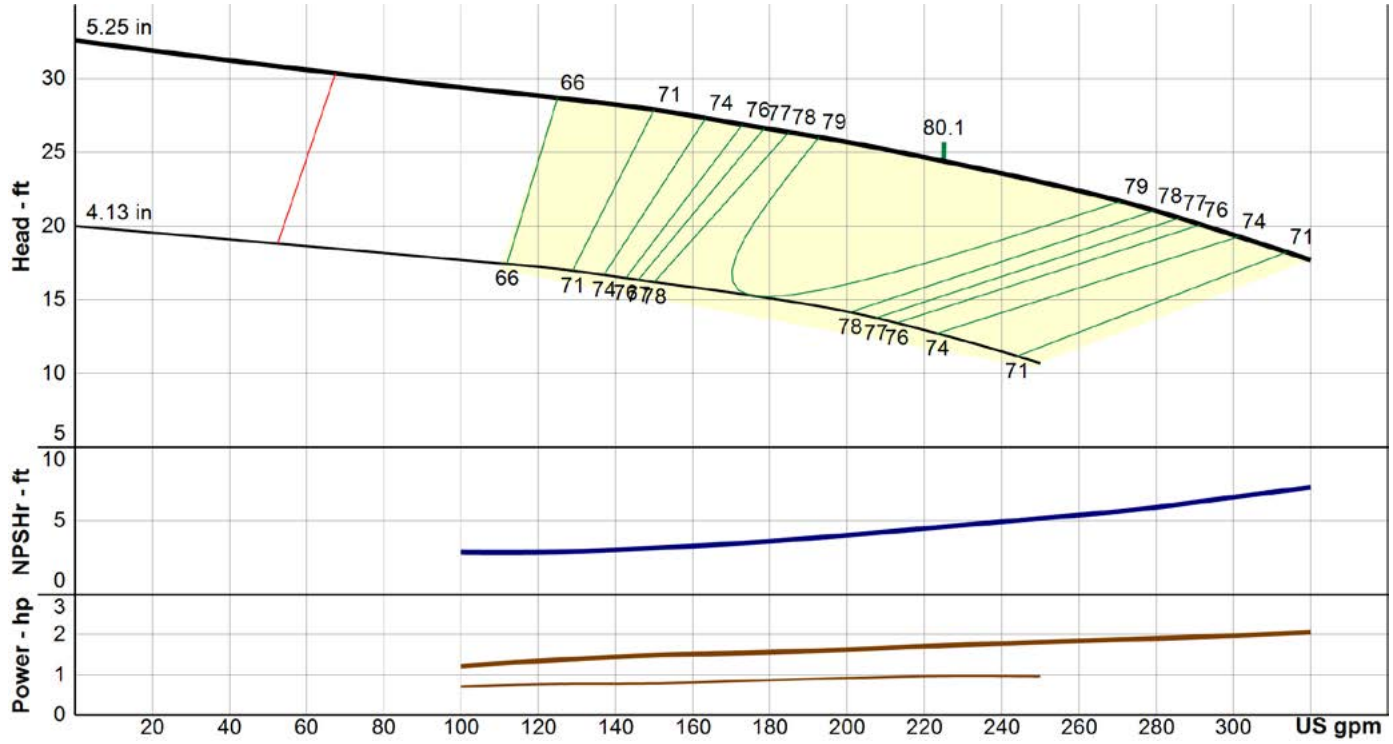
Impeller Type	enclosed
Bowl Pressure Limits (psig)	425

1 Stage Efficiency Derate	0
2 Stage Efficiency Derate	0
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

Eff. 5/18/2020

8JO5V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.18"
Disch Sizes Available (in)	4,5,6
Suction Dia (in)	4
K Factor	5.3
Lateral (in)	0.63
1 stg weight (lbs)	92
Add stage weight (lbs)	34
Bowl Diameter (in)	7.5

Max Sphere Size (in)	0.43
Impeller Type	semi-open
Bowl Pressure Limits (psig)	425

1 Stage Efficiency Derate	0
2 Stage Efficiency Derate	0
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

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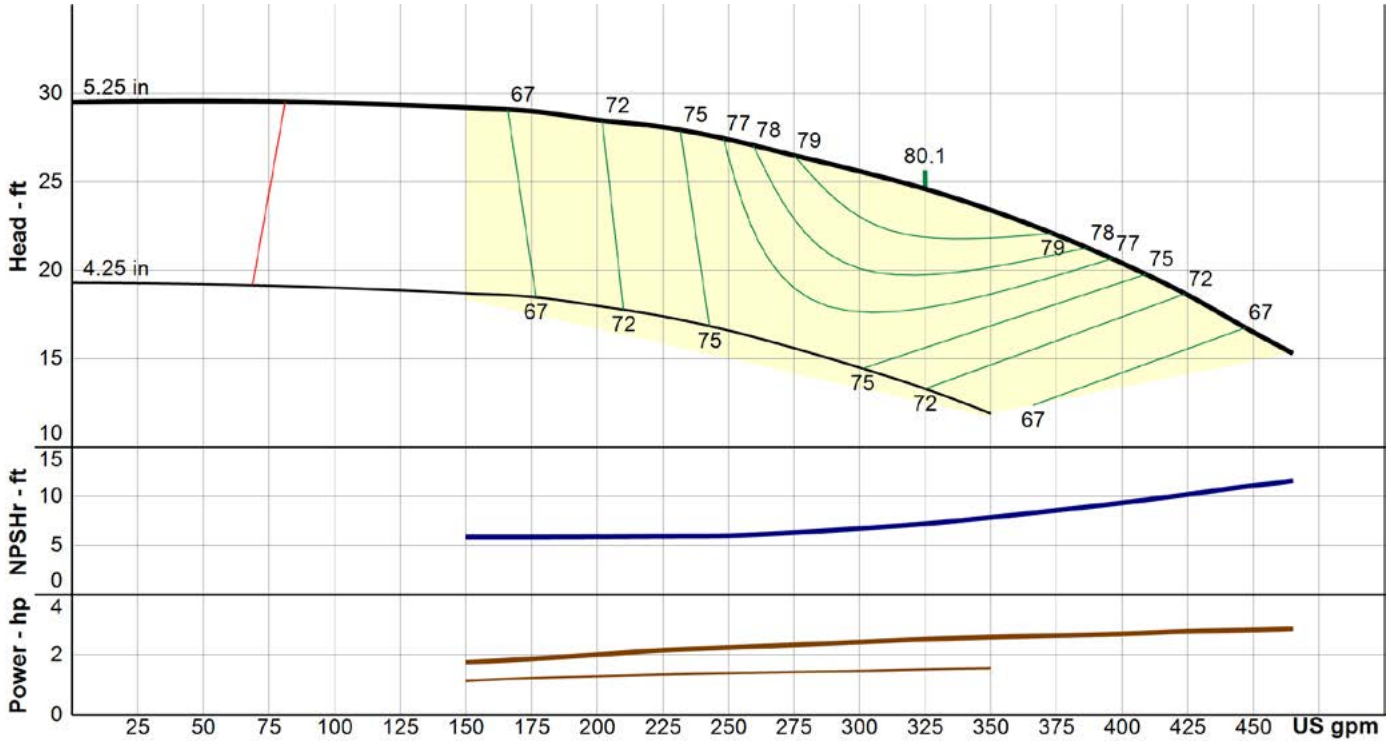
8JO8V

1770 RPM



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1 Stage Efficiency Derate	0
2 Stage Efficiency Derate	0
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

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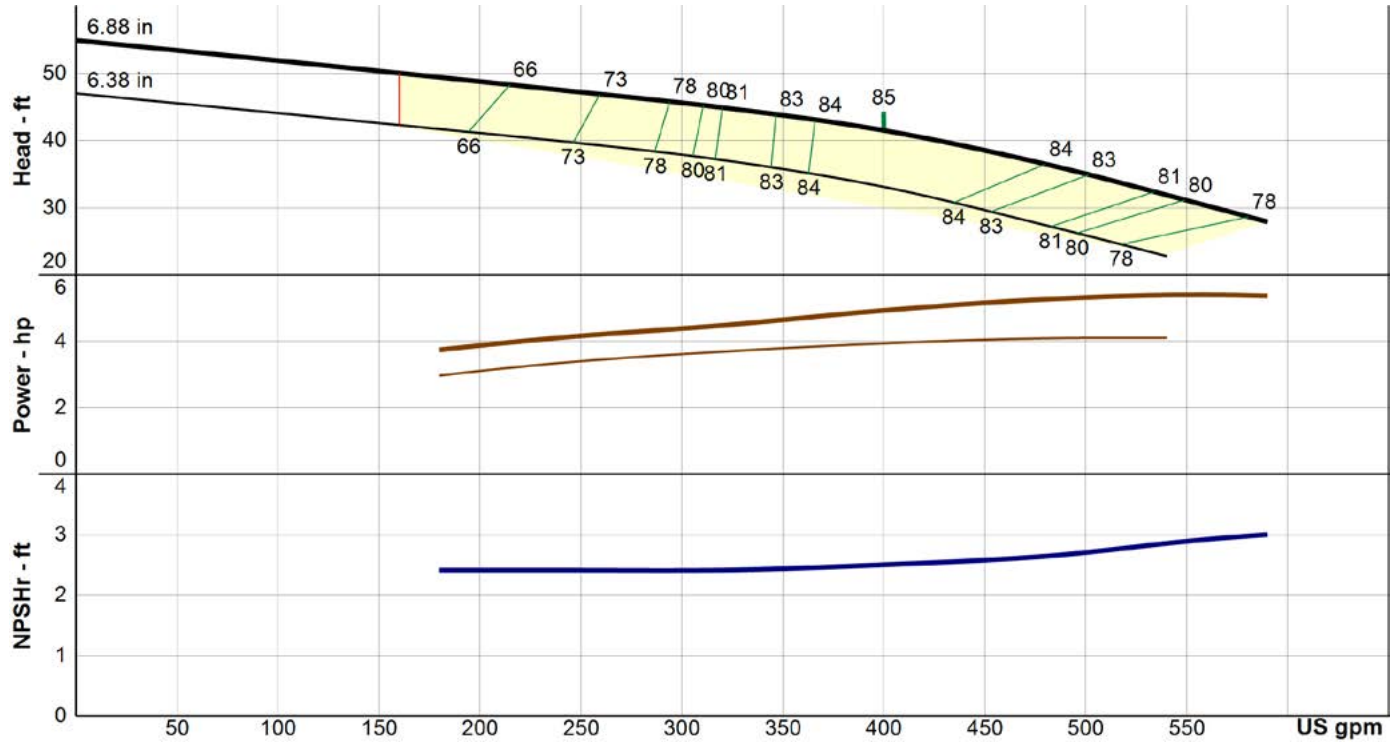
9CE5V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

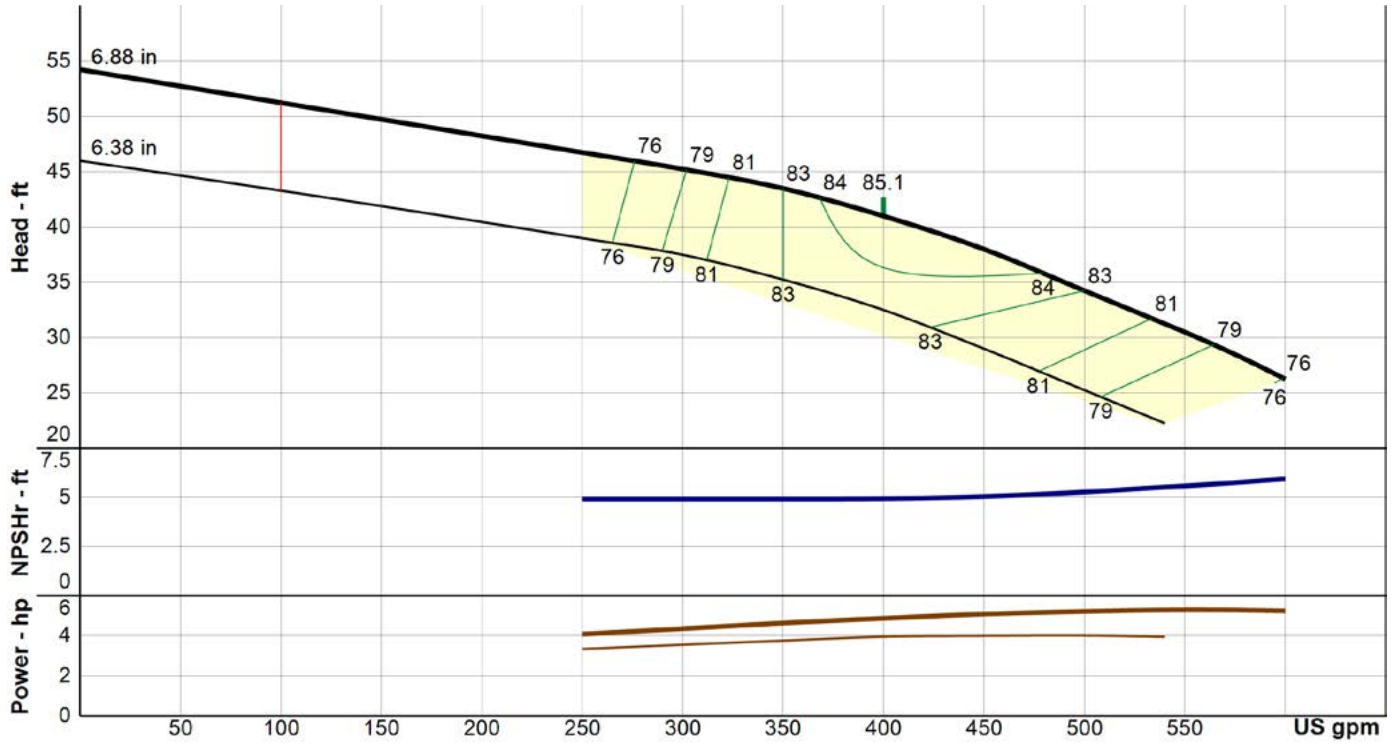
Bowl Shaft Diameter (in)	1.5"
Disch Sizes Available (in)	5,6,8
Suction Dia (in)	6
K Factor	4.9
Lateral (in)	0.88
1 stg weight (lbs)	182
Add stage weight (lbs)	64
Bowl Diameter (in)	9.25

Max Sphere Size (in)	0.56
Impeller Type	enclosed
Bowl Pressure Limits (psig)	400
1 Stage Efficiency Derate	-3
2 Stage Efficiency Derate	-1
3 Stage Efficiency Derate	-0.5
4 Stage Efficiency Derate	0

Eff. 5/18/2020

9CO5V

1770 RPM



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Impeller Type	semi-open
Bowl Pressure Limits (psig)	400

1 Stage Efficiency Derate	-3
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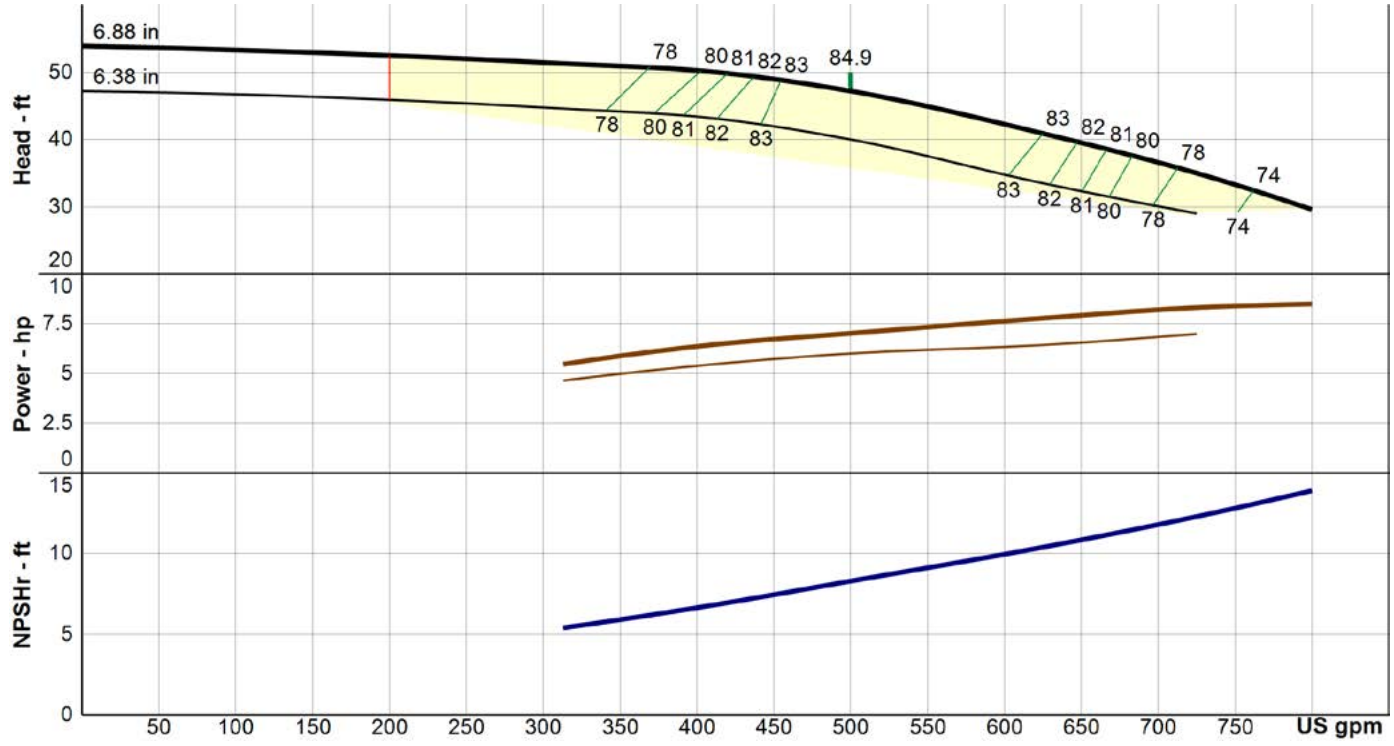
3 Stage Efficiency Derate	-1
4 Stage Efficiency Derate	0

Eff. 5/18/2020

9CE8V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.5"
Disch Sizes Available (in)	5,6,8
Suction Dia (in)	6
K Factor	3.1
Lateral (in)	0.88
1 stg weight (lbs)	182
Add stage weight (lbs)	64
Bowl Diameter (in)	9.25

Max Sphere Size (in)	0.56
Impeller Type	enclosed
Bowl Pressure Limits (psig)	400
1 Stage Efficiency Derate	-2
2 Stage Efficiency Derate	-1
3 Stage Efficiency Derate	-0.5
4 Stage Efficiency Derate	0

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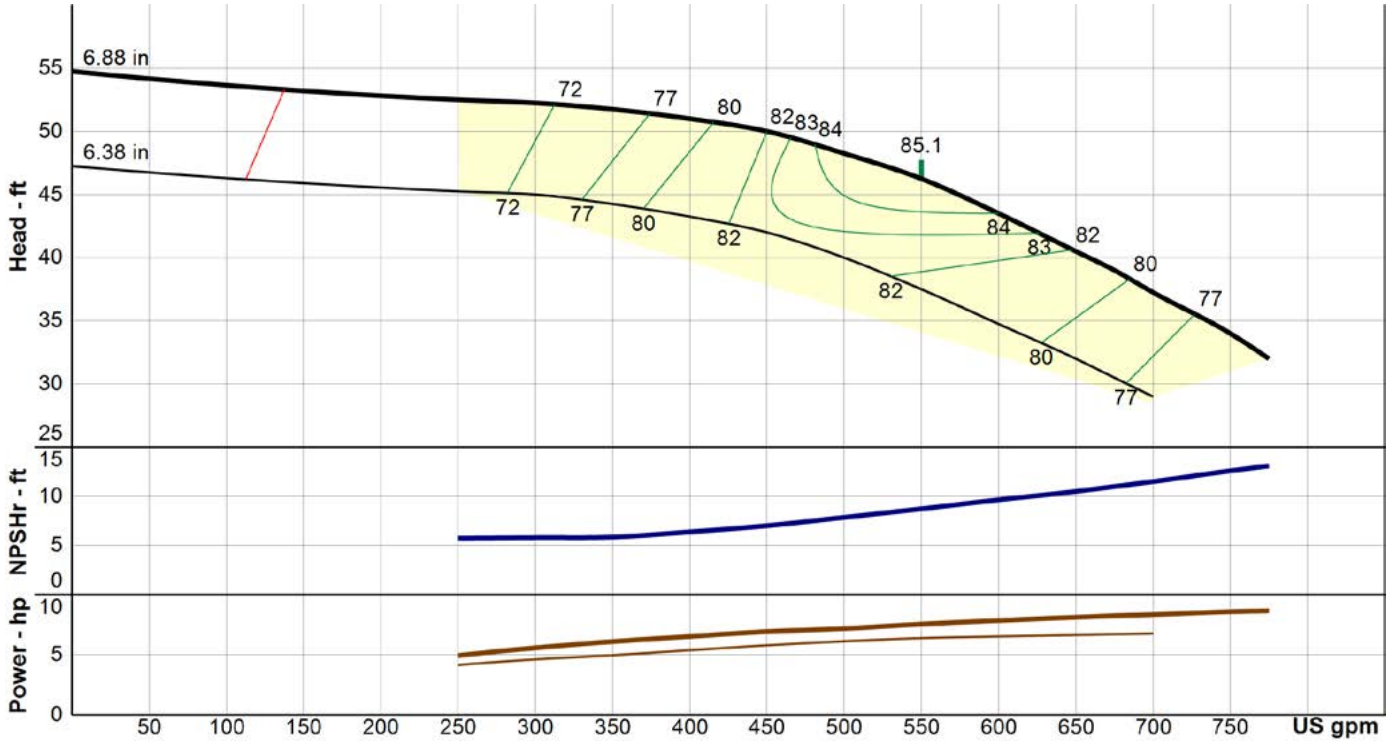
9CO8V

1770 RPM



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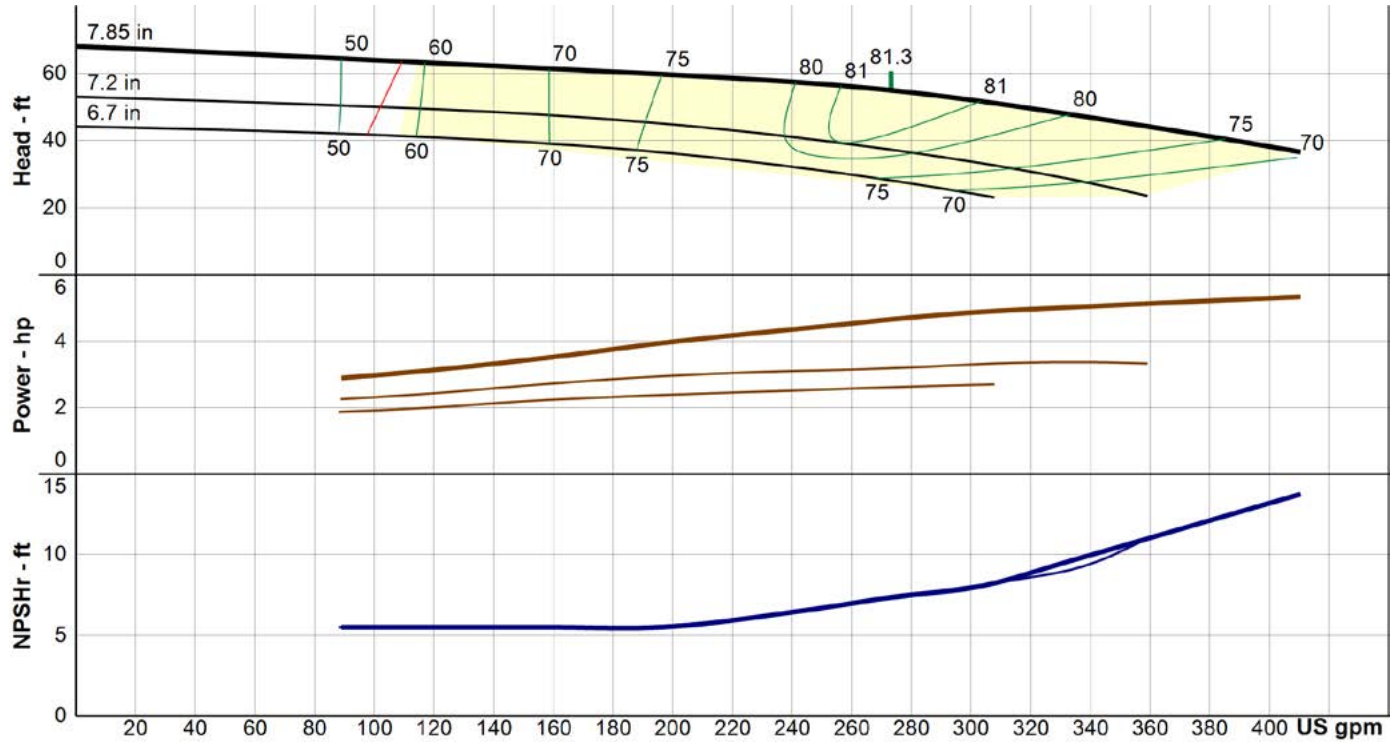
10LL5V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.5"
Disch Sizes Available (in)	6,8
Suction Dia (in)	8
K Factor	4
Lateral (in)	0.375
1 stg weight (lbs)	175
Add stage weight (lbs)	68
Bowl Diameter (in)	9.75

Max Sphere Size (in)	0.59
Impeller Type	enclosed
Bowl Pressure Limits (psig)	325

1 Stage Efficiency Derate	-4
2 Stage Efficiency Derate	-3
3 Stage Efficiency Derate	-2
4 Stage Efficiency Derate	-1

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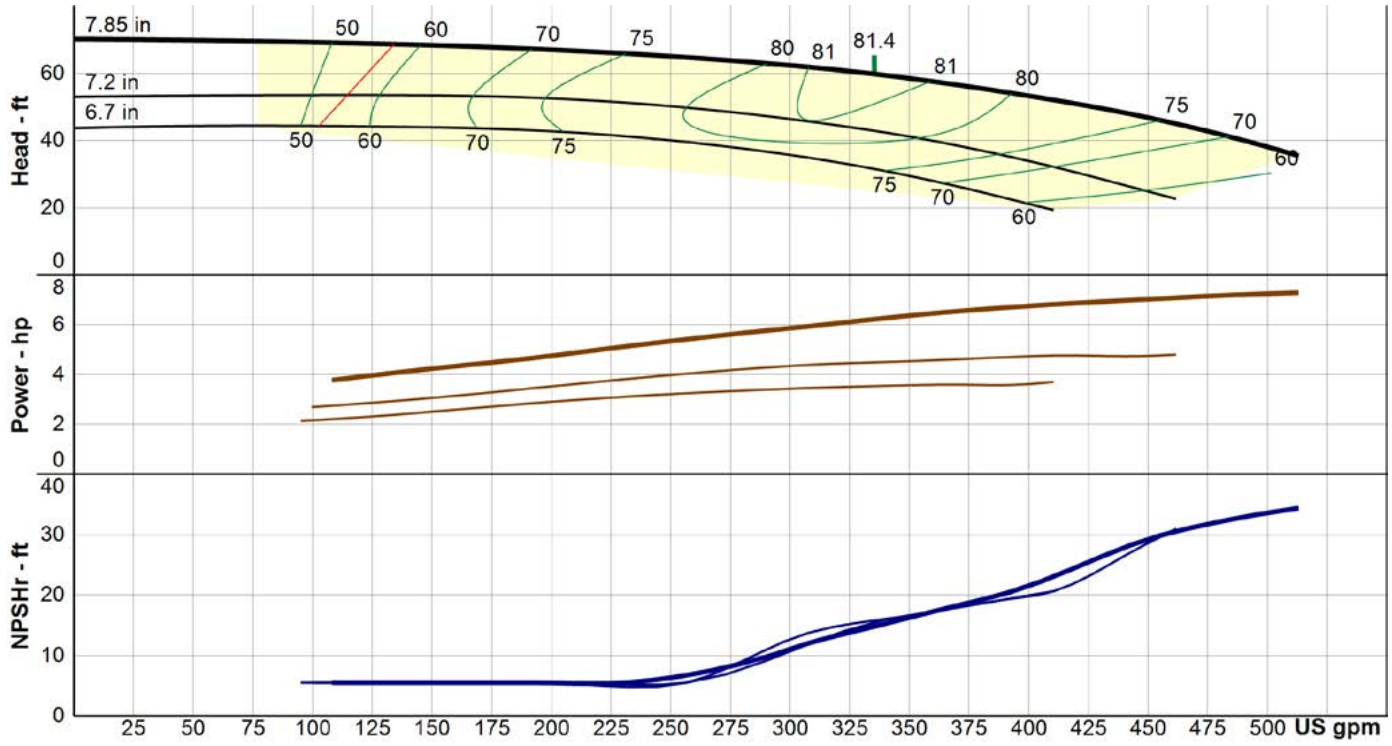

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1 Stage Efficiency Derate	-4
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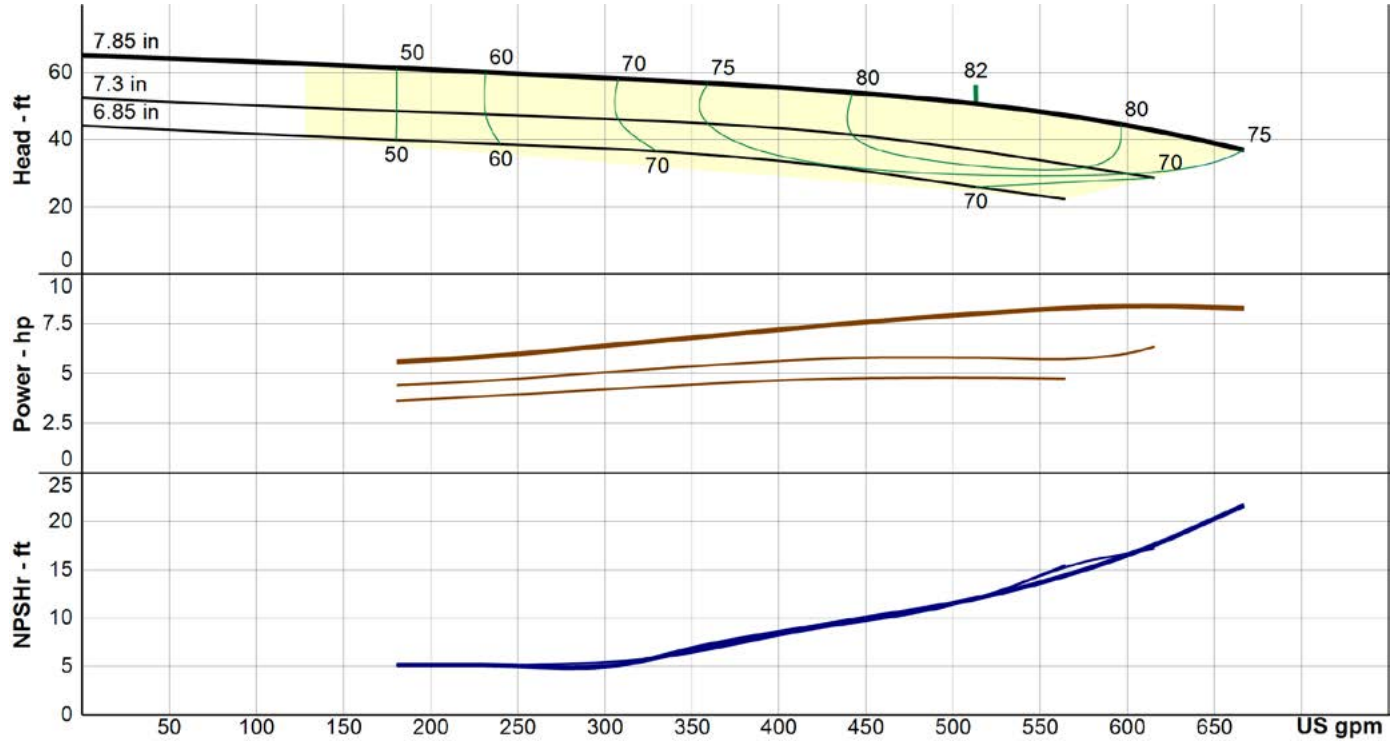
10MM6V

1770 RPM



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4 Stage Efficiency Derate	-1

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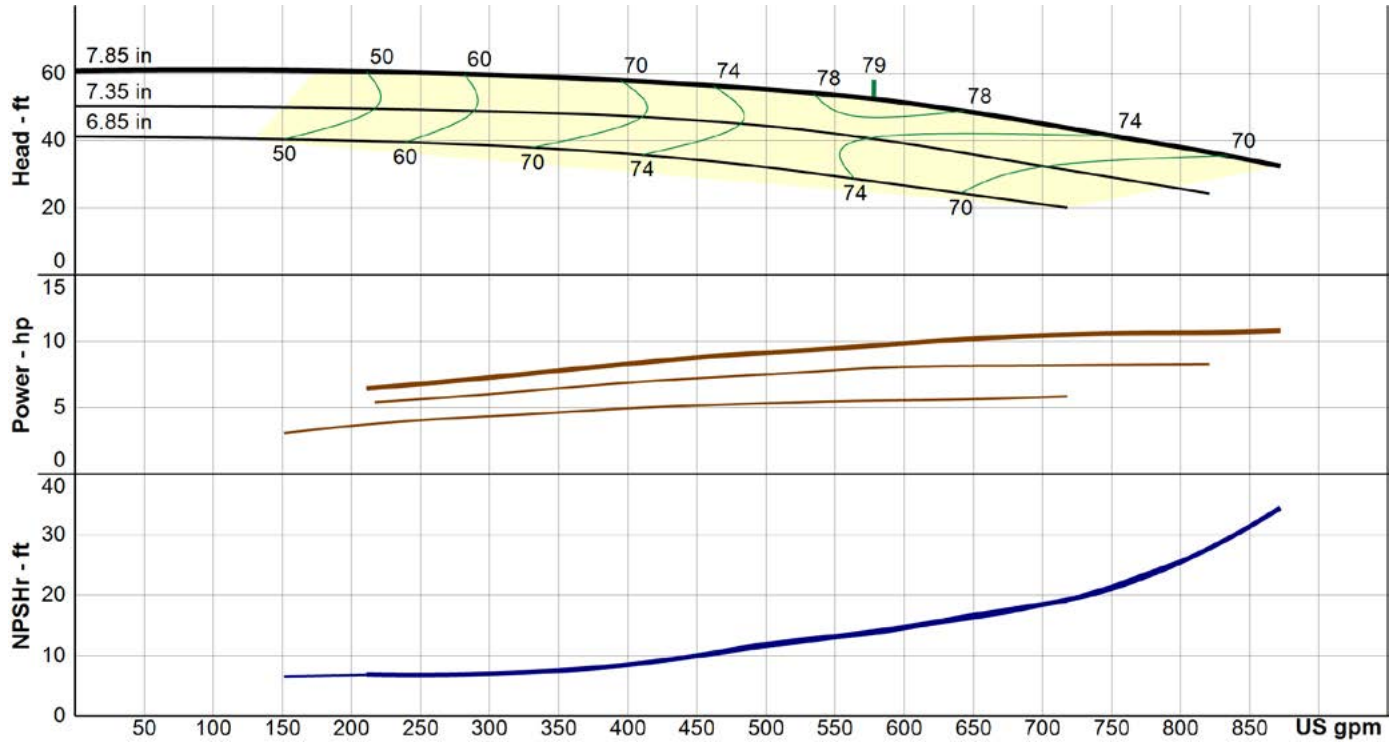
10MM8V

1770 RPM



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4 Stage Efficiency Derate	-1

WOLF CUSTOMIZED PUMPS
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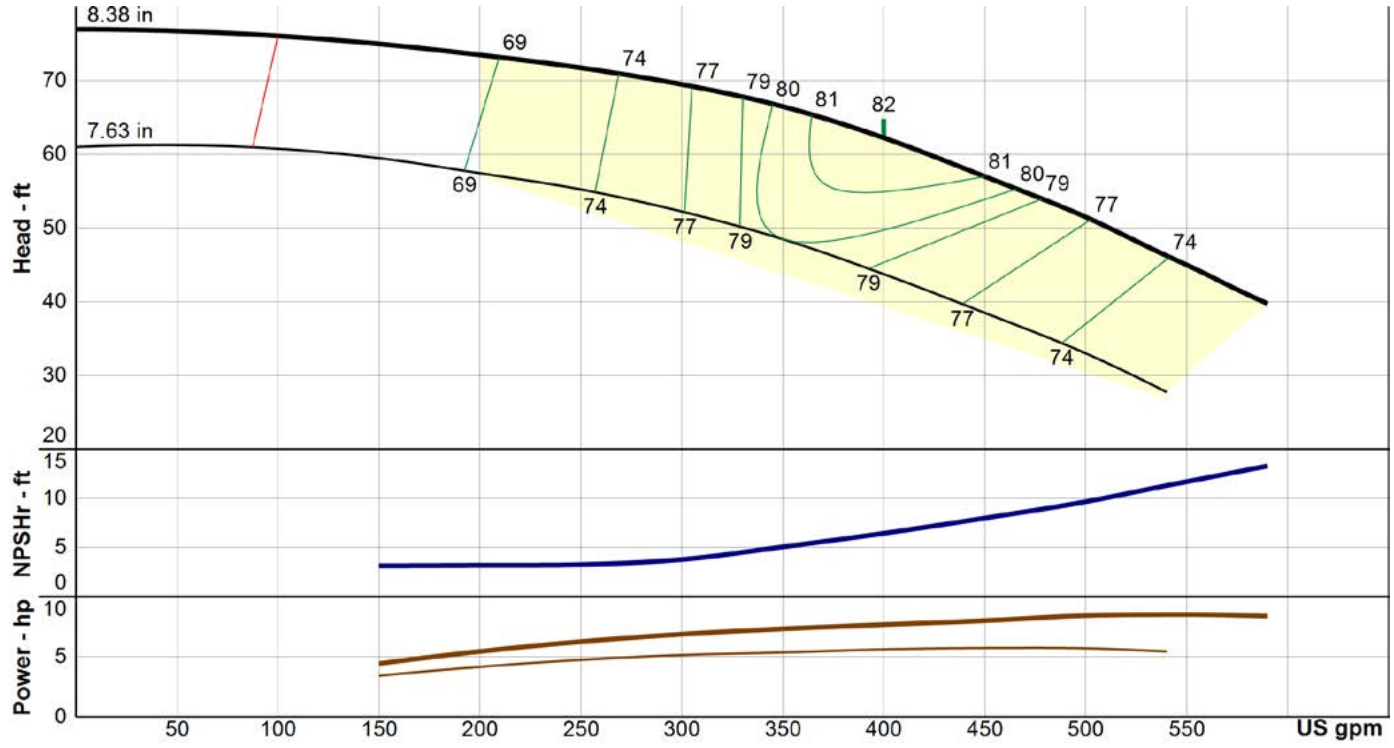
11AE5V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.68"	Max Sphere Size (in)	0.5
Disch Sizes Available (in)	6,8,10	Impeller Type	enclosed
Suction Dia (in)	8	Bowl Pressure Limits (psig)	380
K Factor	4.3		
Lateral (in)	0.75	1 Stage Efficiency Derate	-3
1 stg weight (lbs)	254	2 Stage Efficiency Derate	-2
Add stage weight (lbs)	90	3 Stage Efficiency Derate	-1
Bowl Diameter (in)	11	4 Stage Efficiency Derate	0

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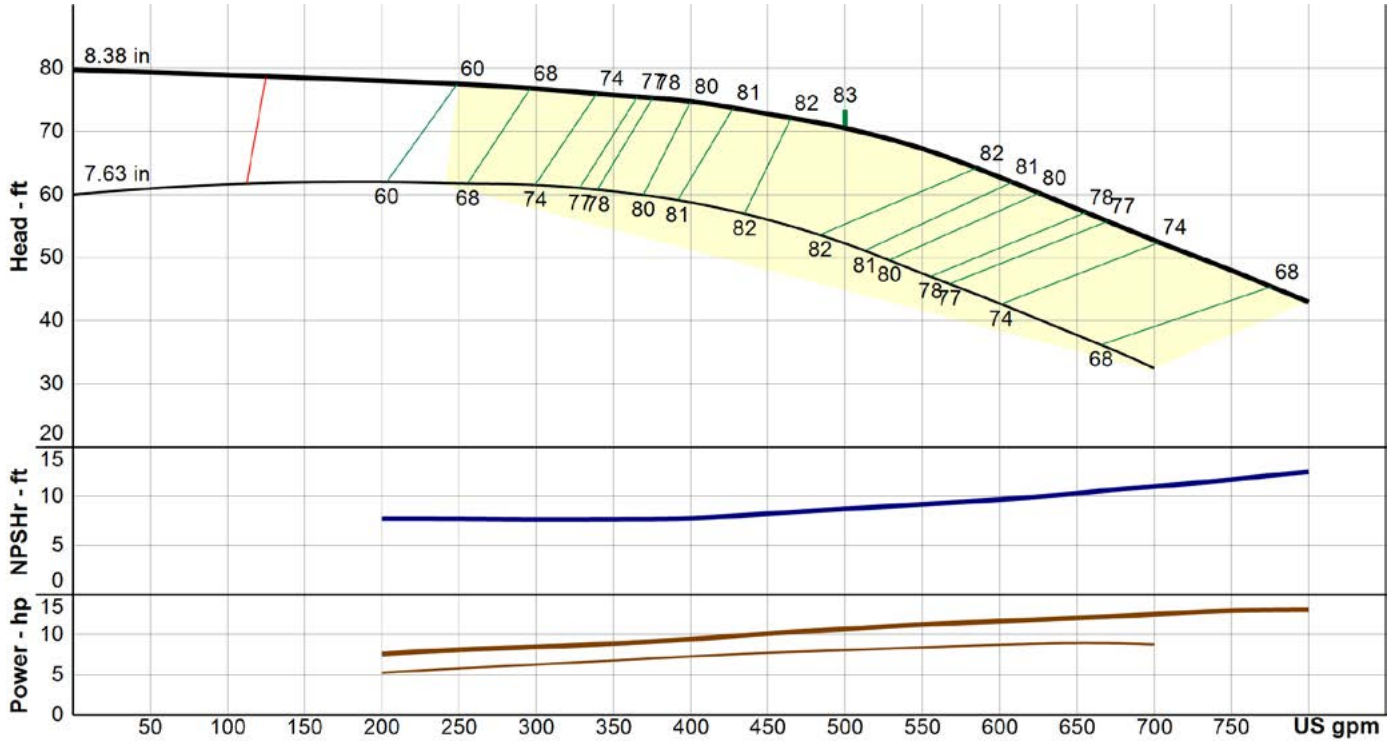
11AE9V

1770 RPM



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Impeller Type	enclosed
Bowl Pressure Limits (psig)	380

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3 Stage Efficiency Derate	-1
4 Stage Efficiency Derate	0

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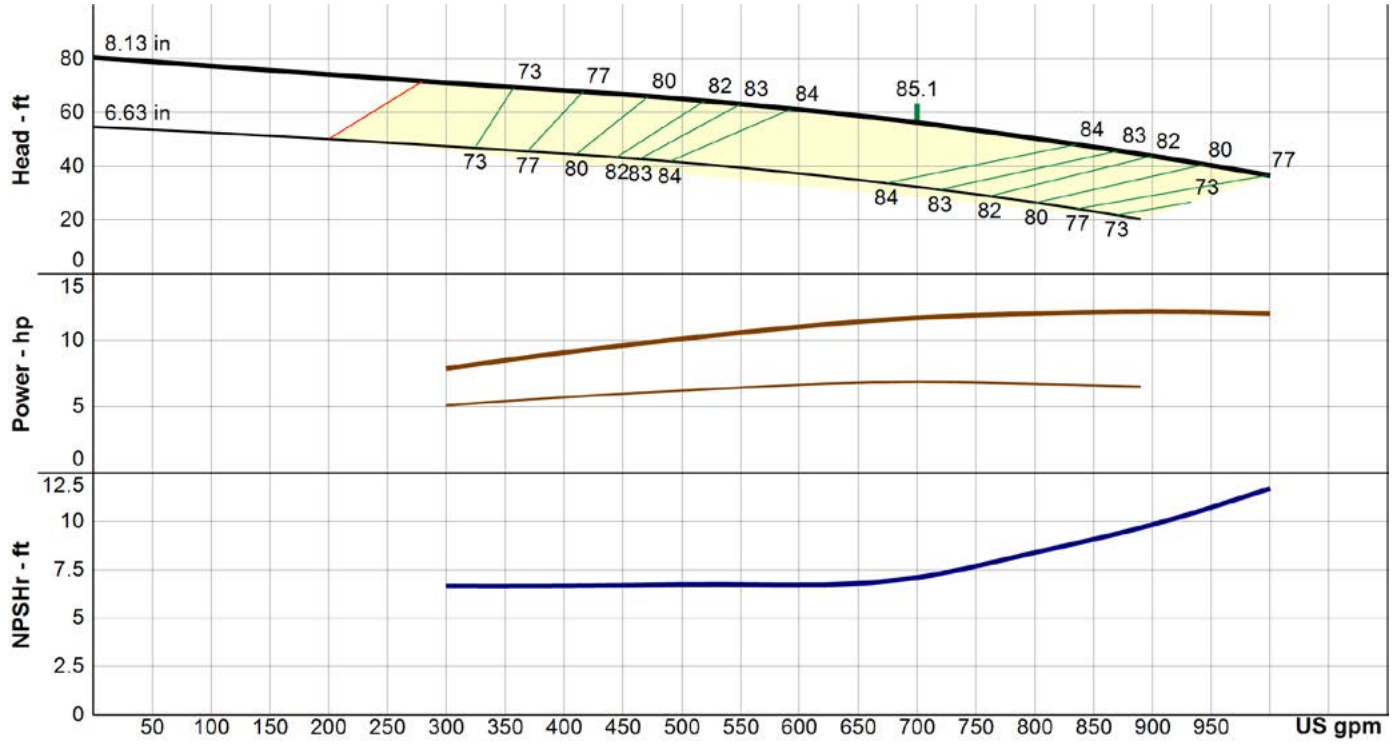

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Bowl Shaft Diameter (in)	1.68"	Max Sphere Size (in)	0.68
Disch Sizes Available (in)	6,8,10	Impeller Type	enclosed
Suction Dia (in)	8	Bowl Pressure Limits (psig)	380
K Factor	7.1		
Lateral (in)	0.75	1 Stage Efficiency Derate	-1.5
1 stg weight (lbs)	265	2 Stage Efficiency Derate	-1
Add stage weight (lbs)	97	3 Stage Efficiency Derate	-0.5
Bowl Diameter (in)	11	4 Stage Efficiency Derate	0

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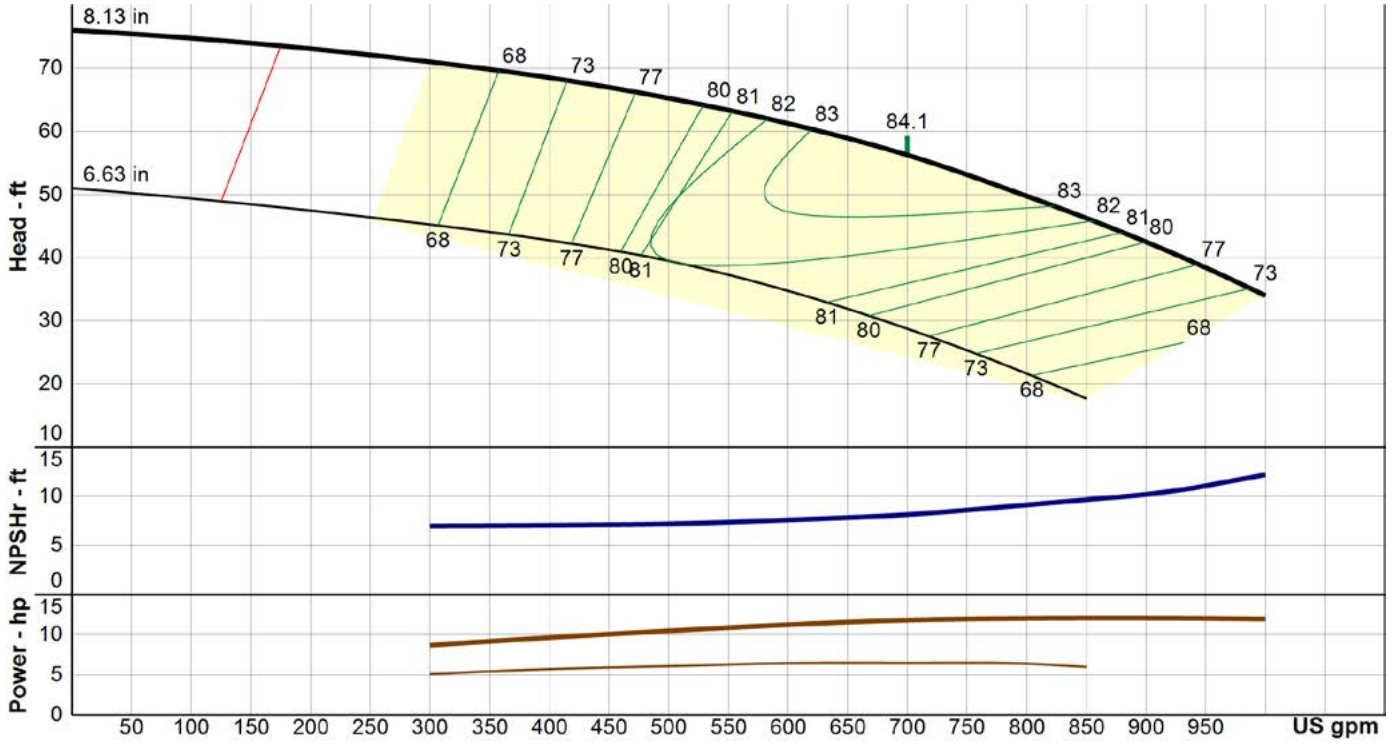
11CO5V

1770 RPM



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Add stage weight (lbs)	97
Bowl Diameter (in)	11

Max Sphere Size (in)	0.68
Impeller Type	semi-open
Bowl Pressure Limits (psig)	380

1 Stage Efficiency Derate	-1.5
2 Stage Efficiency Derate	-1
3 Stage Efficiency Derate	-0.5
4 Stage Efficiency Derate	0

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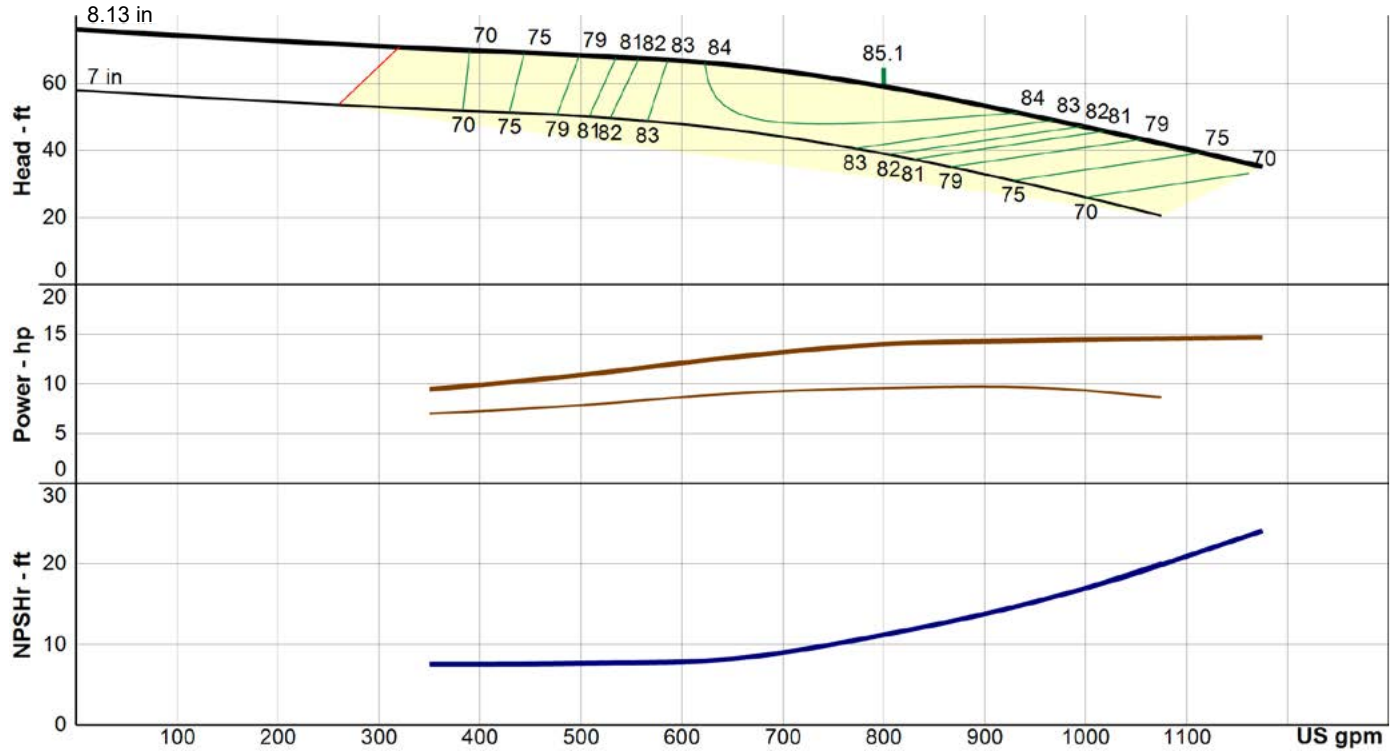
11CE7V

1770 RPM



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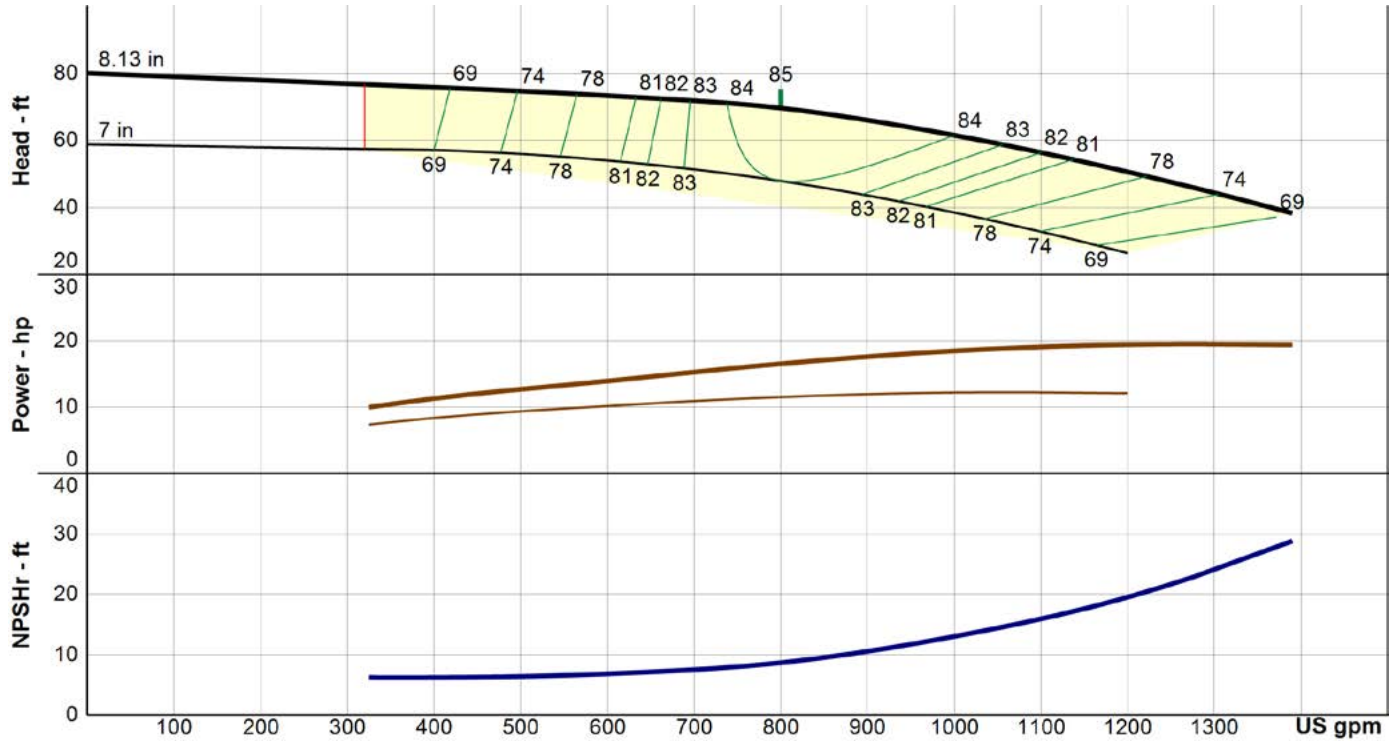
11CE8V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.68"
Disch Sizes Available (in)	6,8,10
Suction Dia (in)	8
K Factor	6.8
Lateral (in)	0.75
1 stg weight (lbs)	265
Add stage weight (lbs)	97
Bowl Diameter (in)	11

Max Sphere Size (in)	0.68
Impeller Type	enclosed
Bowl Pressure Limits (psig)	380
1 Stage Efficiency Derate	-1.5
2 Stage Efficiency Derate	-1
3 Stage Efficiency Derate	-0.5
4 Stage Efficiency Derate	0

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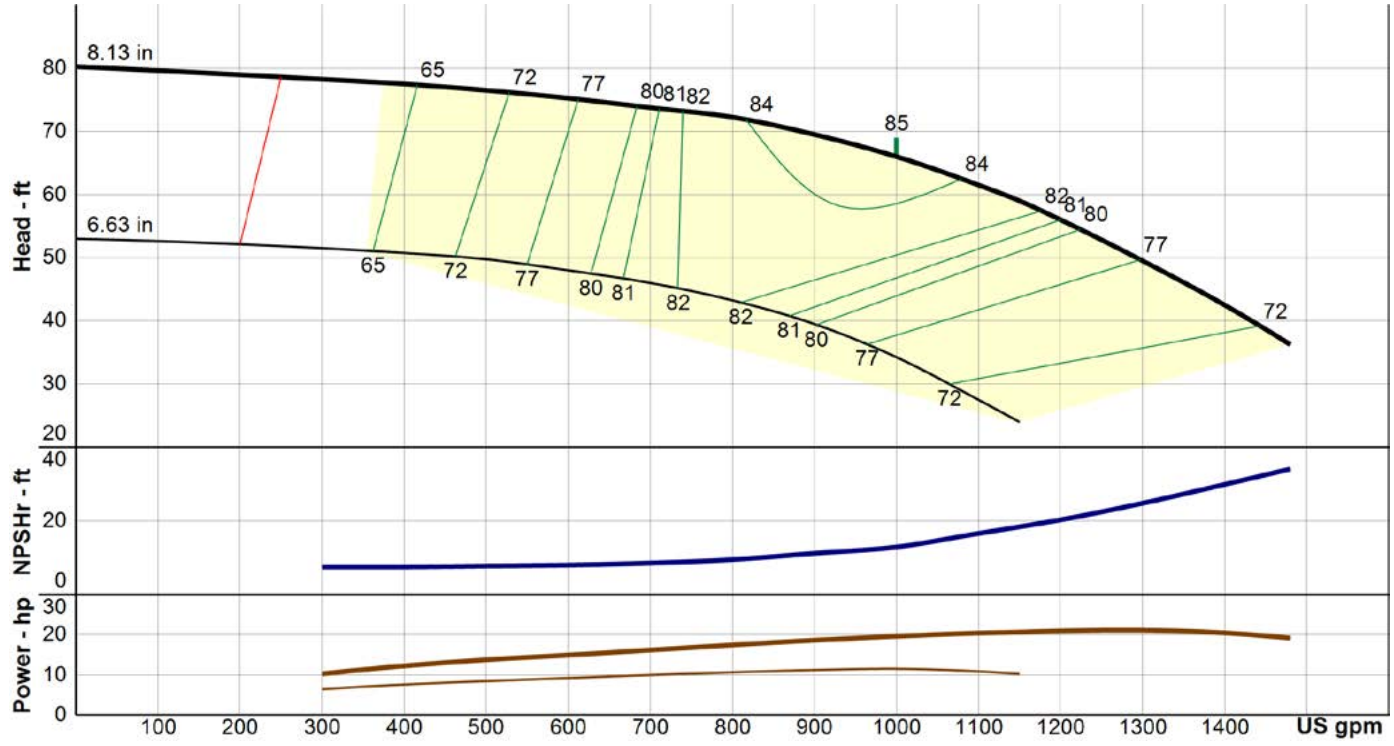
11CO8V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.68"
Disch Sizes Available (in)	6,8,10
Suction Dia (in)	8
K Factor	9.1
Lateral (in)	0.75
1 stg weight (lbs)	265
Add stage weight (lbs)	97
Bowl Diameter (in)	11

Max Sphere Size (in)	0.68
Impeller Type	semi-open
Bowl Pressure Limits (psig)	380
1 Stage Efficiency Derate	-1.5
2 Stage Efficiency Derate	-1
3 Stage Efficiency Derate	-0.5
4 Stage Efficiency Derate	0

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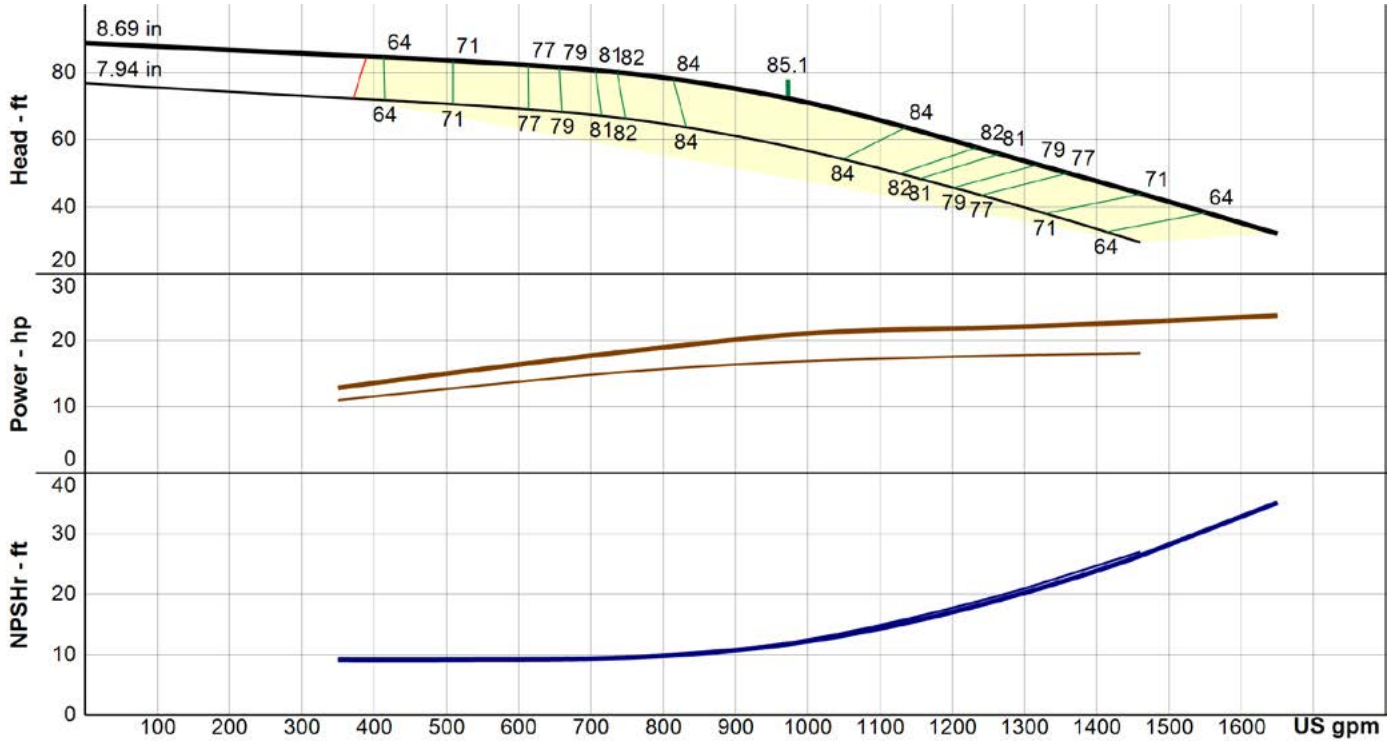
12CE7V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.68"	Max Sphere Size (in)	0.73
Disch Sizes Available (in)	6,8,10	Impeller Type	enclosed
Suction Dia (in)	8	Bowl Pressure Limits (psig)	340
K Factor	7.4		
Lateral (in)	1	1 Stage Efficiency Derate	-2
1 stg weight (lbs)	295	2 Stage Efficiency Derate	-1
Add stage weight (lbs)	124	3 Stage Efficiency Derate	-0.5
Bowl Diameter (in)	11.75	4 Stage Efficiency Derate	0

WOLF CUSTOMIZED PUMPS
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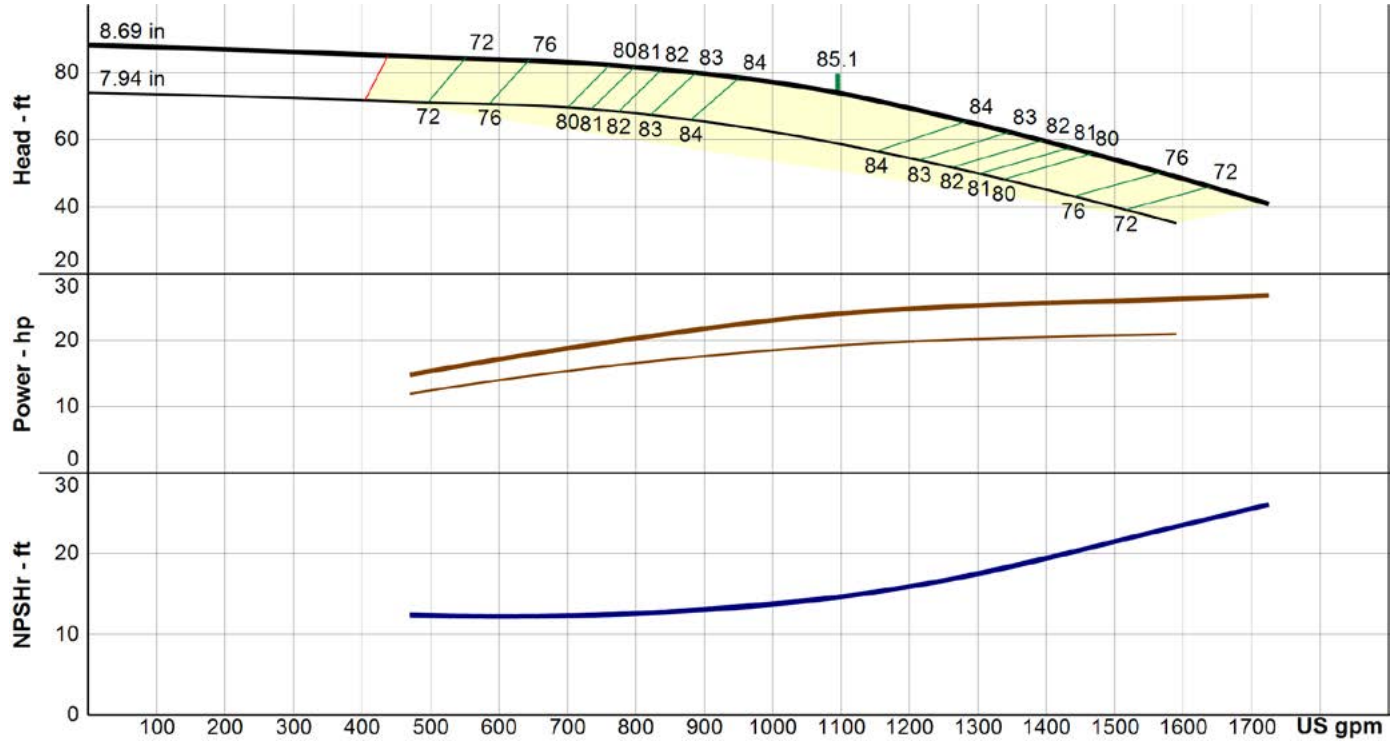
12CE8V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.68"
Disch Sizes Available (in)	6,8,10
Suction Dia (in)	8
K Factor	7.5
Lateral (in)	1
1 stg weight (lbs)	275
Add stage weight (lbs)	95
Bowl Diameter (in)	11.75

Max Sphere Size (in)	0.73
Impeller Type	enclosed
Bowl Pressure Limits (psig)	340
1 Stage Efficiency Derate	-2
2 Stage Efficiency Derate	-1
3 Stage Efficiency Derate	-0.5
4 Stage Efficiency Derate	0

WOLF CUSTOMIZED PUMPS
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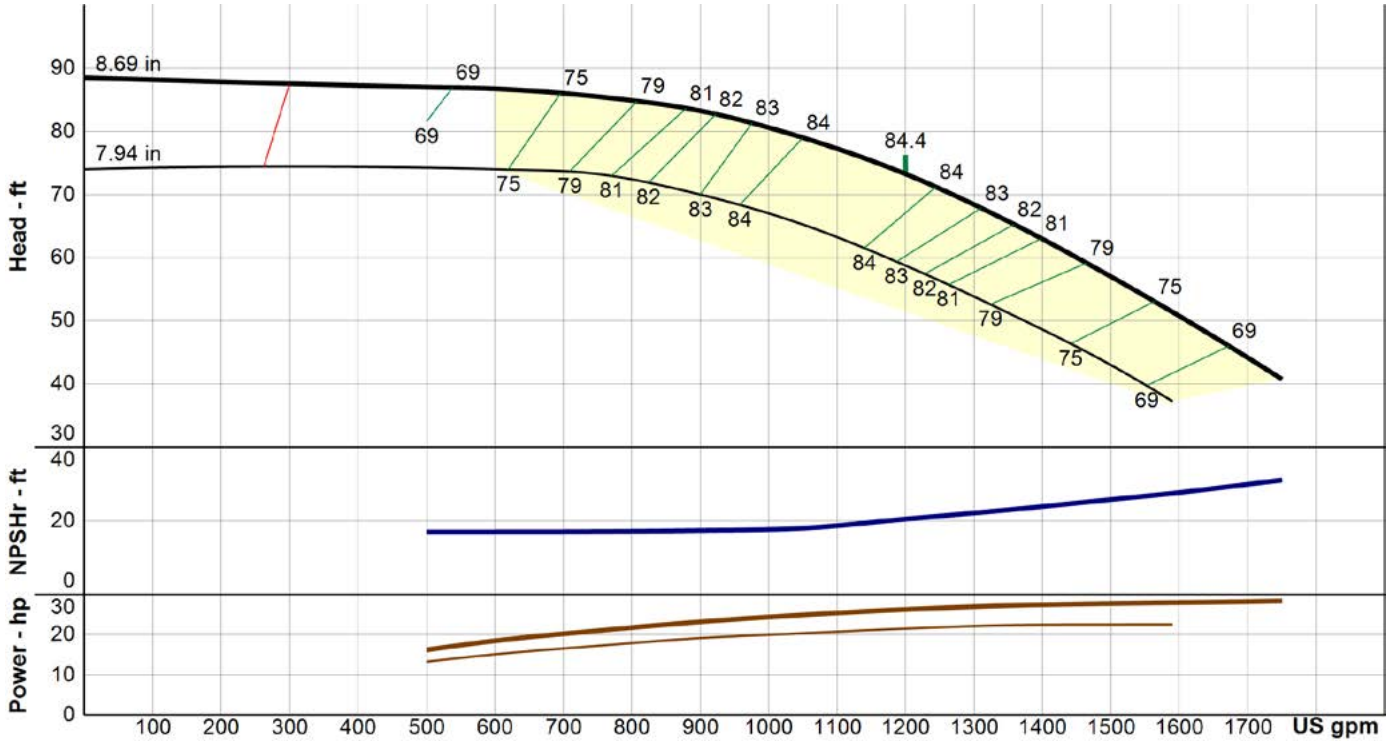
12CO8V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	1.68"
Disch Sizes Available (in)	6,8,10
Suction Dia (in)	8
K Factor	10
Lateral (in)	1
1 stg weight (lbs)	275
Add stage weight (lbs)	95
Bowl Diameter (in)	11.75

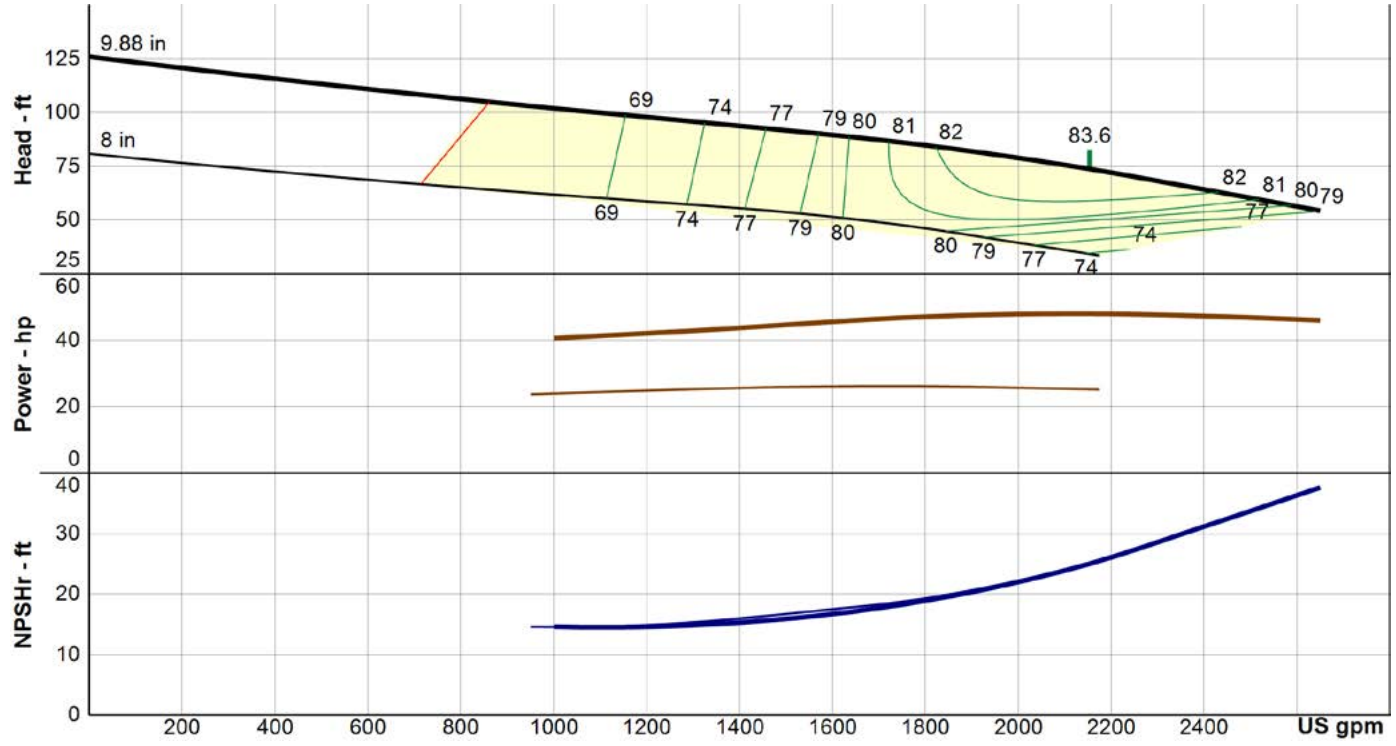
Max Sphere Size (in)	0.73
Impeller Type	semi-open
Bowl Pressure Limits (psig)	340

1 Stage Efficiency Derate	-3
2 Stage Efficiency Derate	-2
3 Stage Efficiency Derate	-1
4 Stage Efficiency Derate	0

Eff. 5/18/2020

14HME5V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	2.19"
Disch Sizes Available (in)	10,12
Suction Dia (in)	10
K Factor	16.5
Lateral (in)	1
1 stg weight (lbs)	515
Add stage weight (lbs)	155
Bowl Diameter (in)	14

Max Sphere Size (in)	1.18
Impeller Type	enclosed
Bowl Pressure Limits (psig)	325
1 Stage Efficiency Derate	-3
2 Stage Efficiency Derate	-1.5
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

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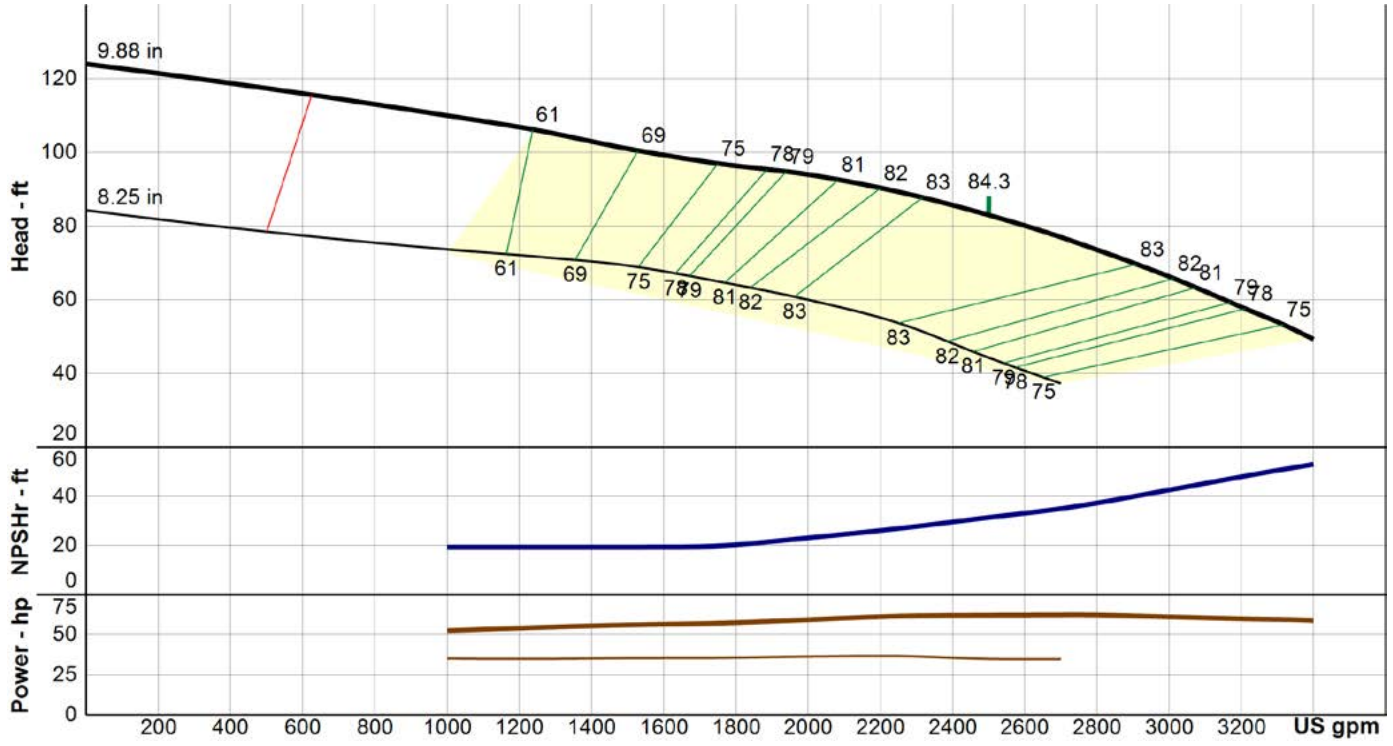
14HMO5V

1770 RPM



Curve reflects per stage performance for a minimum of 4 stages.

MECHANICAL DATA

Bowl Shaft Diameter (in)	2.19"
Disch Sizes Available (in)	10,12
Suction Dia (in)	10
K Factor	24
Lateral (in)	0.75
1 stg weight (lbs)	515
Add stage weight (lbs)	155
Bowl Diameter (in)	14

Max Sphere Size (in)	1.18
Impeller Type	semi-open
Bowl Pressure Limits (psig)	325

1 Stage Efficiency Derate	-1
2 Stage Efficiency Derate	-0.5
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

WOLF CUSTOMIZED PUMPS
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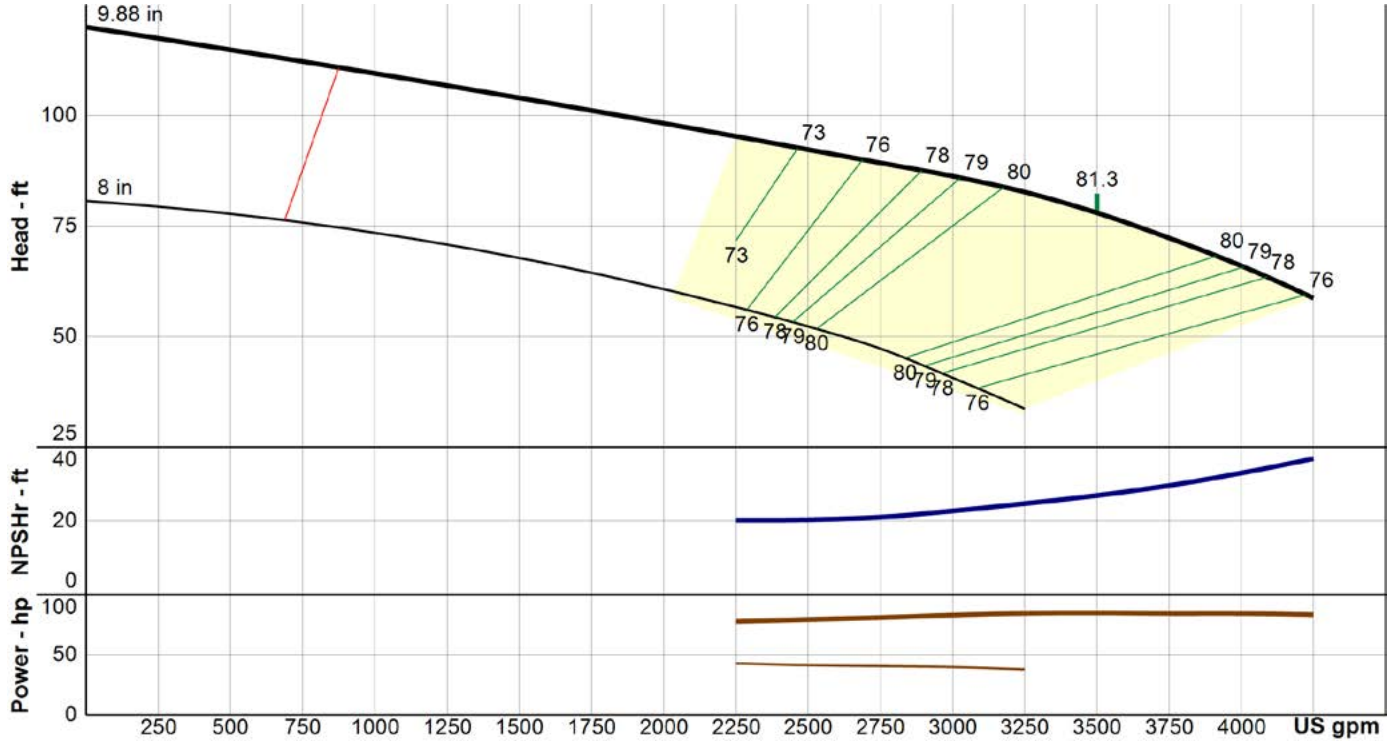
14FE7V

1770 RPM



Curve reflects single stage performance with derates.

MECHANICAL DATA

Bowl Shaft Diameter (in)	2.19"
Disch Sizes Available (in)	10,12
Suction Dia (in)	10
K Factor	17
Lateral (in)	1
1 stg weight (lbs)	515
Add stage weight (lbs)	155
Bowl Diameter (in)	14

Max Sphere Size (in)	1.5
Impeller Type	enclosed
Bowl Pressure Limits (psig)	330

1 Stage Efficiency Derate	-2
2 Stage Efficiency Derate	-1
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

WOLF CUSTOMIZED PUMPS
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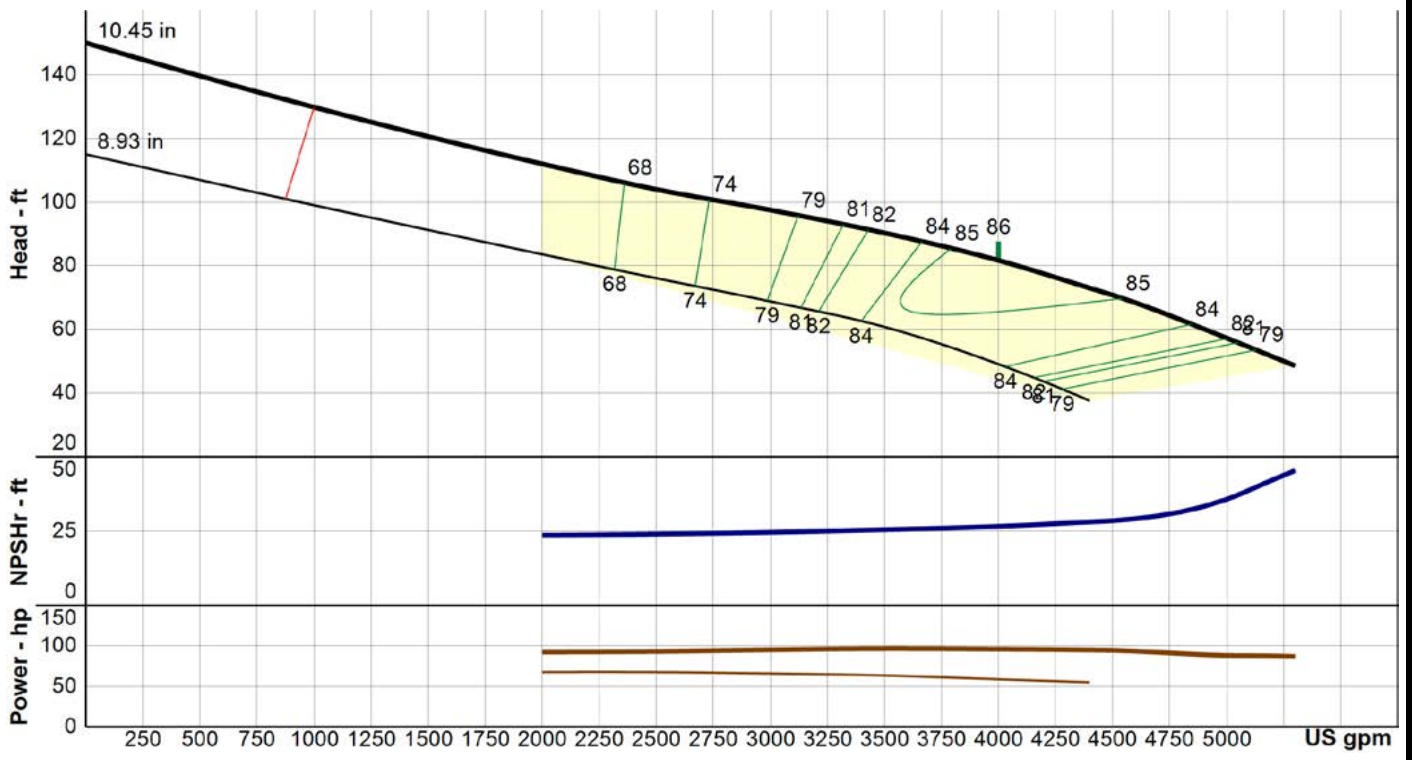
16GE5V

1770 RPM



Curve reflects single stage performance with derates.

MECHANICAL DATA

Bowl Shaft Diameter (in)	2.44"
Disch Sizes Available (in)	12,14
Suction Dia (in)	bell
K Factor	26
Lateral (in)	1
1 stg weight (lbs)	450
Add stage weight (lbs)	310
Bowl Diameter (in)	16

Max Sphere Size (in)	1.2
Impeller Type	enclosed
Bowl Pressure Limits (psig)	420

1 Stage Efficiency Derate	0
2 Stage Efficiency Derate	0
3 Stage Efficiency Derate	0
4 Stage Efficiency Derate	0

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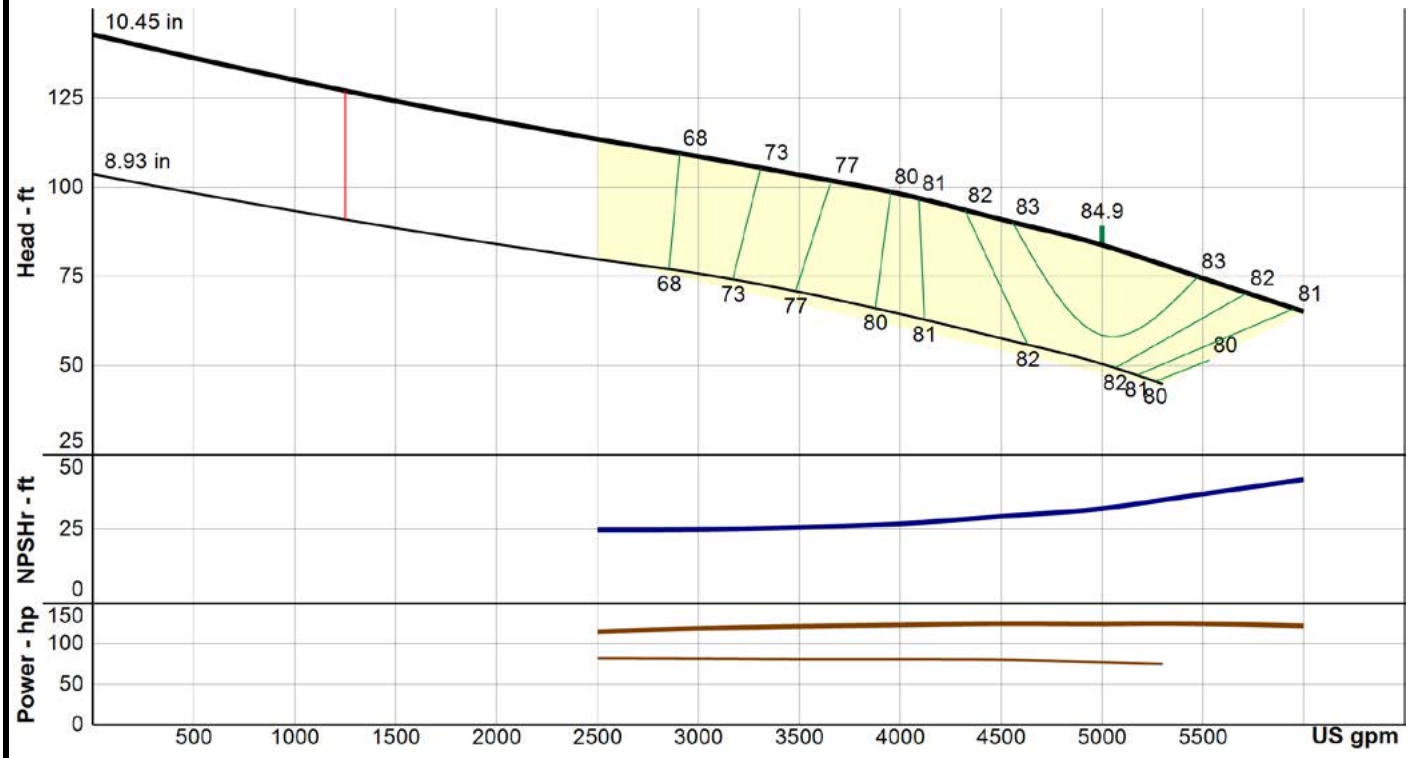
16GE6V

1770 RPM



Curve reflects single stage performance with derates.

MECHANICAL DATA

Bowl Shaft Diameter (in)	2.44"
Disch Sizes Available (in)	12,14
Suction Dia (in)	bell
K Factor	24
Lateral (in)	1
1 stg weight (lbs)	450
Add stage weight (lbs)	310
Bowl Diameter (in)	16

Max Sphere Size (in)	1.2
Impeller Type	enclosed
Bowl Pressure Limits (psig)	420

1 Stage Efficiency Derate	-3.1
2 Stage Efficiency Derate	-1.3
3 Stage Efficiency Derate	-0.4
4 Stage Efficiency Derate	-0.2

Company Policy

From our family to yours, thank you for your business.

Credit Terms and Payments

GENERAL
Credit terms are subject to the approval of the Credit Department. The Credit Department will do everything possible to assist our valued customers.

CREDIT LINES
Most customers will have a line of credit established through the use of any or a combination of the following:

- Financial statement analysis
- Dunn & Bradstreet rating and payment record or Manufacturers Clearing House records.
- Bank references
- Trade references
- Other references or measure, if necessary.

PAYMENT TERMS
All items shipped are subject to the terms as stated on the face of the invoice. The due date is to be calculated from the invoice date.

DISPOSITION OF ORDERS
Payment arrangements for past due balances must be made with the Credit Department. We retain the right to suspend shipments until an equitable payment agreement has been reached.

INVOICE ADJUSTMENT
In order to maintain the account in a current status, all invoices should be paid by the due date. Pending adjustments should be deducted on the remittance, with an explanation for the deduction attached to the remittance advice.

Return Goods - New Products

GENERAL
This policy outlines the procedures for material returned for credit to assist in a prompt, accurate credit.

QUALIFICATION
All products returned in like-new condition are subject to inspection. Products must be securely packaged to reach the destination without damage.

A notice will be mailed to the customer when returned products are received. Unauthorized or unacceptable returns will be scrapped if the customer does not reply about disposition within 30 days of the notice.

RETURN PROCEDURE
Products may be returned if:

- Prior written consent of the Customer Service Manager or National Sales Manager.
- Transportation costs are paid by the purchaser.
- The normal restocking charge is 20% of the net invoice or $25.00 minimum.
- Product returned does not exceed 10% of previous year's net purchases.

The following materials are not returnable for credit:

- Special items manufactured to order.
- Obsolete items not carried in inventory.
- Items shipped one year or more prior to date of request for permission to return.

MISTAKES - SHIPPED IN ERROR
If a mistake is made by:

- Wolf Pump - Customer must advise Wolf within 30 days. A credit will be issued for all shipping and handling expenses for return.
- Customer - Returns will be accepted if shipped back prepaid and subject to 20% restocking charge, authorization and routing instructions.

WOLF PUMPS' LIMITED WARRANTY AND LIABILITY WAIVER

Wolf Pumps warrants to the original consumer of the products (if manufacturer's) that the products will be free from defects in material and workmanship for the warranty period of one year from date of installation, or 18 months from shipment, whichever occurs first.

Our warranty will not apply to any product that has been subject to negligence, misapplication, improper installation or maintenance.

Buyer's only remedy and Wolf Pumps' only duty is to repair or replace defective products (at Wolf Pumps' choice). For avoidance of doubt, Wolf Pumps' warranty liability shall not exceed the total cost of the product. Buyer agrees to pay all labor and shipping charges associated with this warranty and to request warranty service through the installing dealer as soon as a problem is discovered. If warranty service is requested more than 30 days after the warranty period has ended, it will not be honored. Wolf Pumps reserves the right to inspect all warranty claim products prior to authorizing credit or replacement.

WOLF PUMPS SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR CONTINGENT DAMAGES WHATSOEVER.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED WARRANTIES. IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE WARRANTY PERIOD PROVIDED HERIN.

Certain states do not permit the exclusion or limitation of incidental or consequential damages or the placing of limitations on the duration of an implied warranty, therefore, the limitations or exclusions herein may not apply. This warranty sets forth specific legal rights and obligations, however, additional rights may exist, which may vary from state to state.

Neither Company nor its suppliers shall be liable, whether in contract or in tort or under any other legal theory, for loss of use, revenue or profit, or for cost of capital or of substitute use or performance, or for incidental, indirect, or special or consequential damages, or for any other loss or cost of similar type, or for claims by Purchaser for damages of Purchaser's customers. Likewise, Company shall not under any circumstances be liable for the fault, negligence, or wrongful acts of Purchaser or Purchaser's employees, or Purchaser other contractors or suppliers

WOLF PUMPS

PO Box 490

Abernathy, TX 79311-0490

WOLF™
CUSTOMIZED PUMPS
Right Pump. Right Now.®

PO Box 490
18014 N. I-27 Hwy.
ABERNATHY, TX 79311

(800) 886-2606 (806)298-2514
FAX: (806) 298-2114

Email: sales@wolfpumps.com
www.wolfpumps.com

Freight and Shipping Policy

FREIGHT TERMS AND CONDITIONS

The term F.O.B. (Freight on Board) will mean the following for all orders shipped from the factory or the distribution centers:

- F.O.B. Shipping Point - Without regard to who pays any freight charges, the risk of loss lies with the customer. Wolf Pump will always ship F.O.B. shipping point unless stipulated otherwise by the Customer Service Manager or National Sales Manager.
- F.O.B. Destination - Without regard to who pays any freight charges, Wolf Pump assumes risk of loss until goods are delivered at the designated destination.

Note that payment of freight charges has been separated from the risk of loss. This is incumbent upon the purchasing party to make certain all shipments leaving the factory or the distribution center as "F.O.B. Shipping Point" are adequately insured, and that proper inspections, etc. are effected upon delivery of goods. Unless otherwise noted on quote or order confirmation, freight charges will be prepaid and added to the invoice.

Payment of freight charges will fall into one of the following classifications depending upon circumstances regardless of the F.O.B. option specified.

- Pre-paid (PPD) - Wolf Pump pays all freight charges for orders classified PPD. Examples are stock orders meeting the minimum qualifying amounts or special orders where Wolf Pump assumes payment responsibility.
- Pre-paid and Added to Invoice (PPA) - Wolf Pump pays the freight charges upon shipment. However, the charges will be included on the invoice for the items shipped and the customer will then reimburse Wolf Pump.
- Collect (COL) - Wolf Pump will not pay any freight charges for the shipment. The receiving party will pay the charges when the goods are delivered.

SHIPMENT ROUTING

Prepaid shipments will be routed via contract carriers. Collect shipments will be routed via contract carriers unless otherwise specified by customer. Routing must be specified at time of order submission. Best service and volume discount will be obtained if the selection of carrier is left to Wolf Pump Distribution Services. Routing requests are also limited by the capabilities and limitations of the various modes of transportation. All transit times are approximations.

INSURANCE

Common carriers are obligated to assume responsibility for goods they carry. The dollar limit varies by the carrier. For example: UPS orders greater than $100.00 are not covered (they are a small package carrier) unless we declare the value when shipping.

F.O.B. Origin (Common Carrier) - The common carrier assumes responsibility for the goods he transports and customers must recover damages from the carrier.

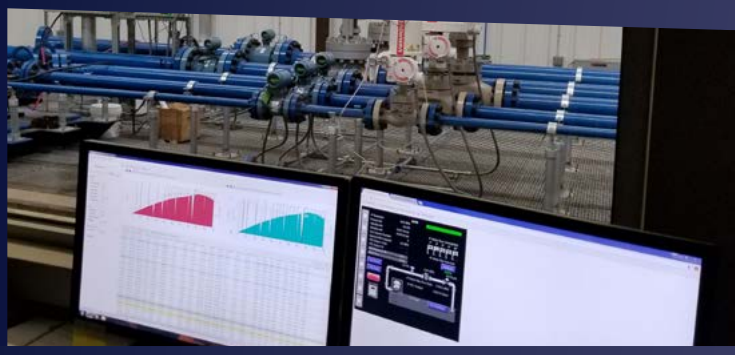
LOST SHIPMENTS

Wolf Pump's responsibility on all surface and air freight shipments extends to actual shipping of the order. Tracing or follow up is the responsibility of the customer and the carrier. Nevertheless, you may always expect our full cooperation in helping to locate lost material. After allowing a reasonable amount of time for delivery, contact the Customer Service Department for tracing assistance.

- Truck Shipment - Wolf Pump will provide you with the pro number, tracer number and details for the customer to trace the shipments through the carrier at the destination.
- Air Freight and Air Express - Wolf Pump will provide the waybill number and details for tracing through the carrier at the destination.
- UPS - Wolf Pump will initiate tracers through UPS. Tracers normally require thirty (30) days.

TESTING *Tested here for your success out there*

- Pumps tested from 230V single phase to 6600V 3phase
- Testing includes vibration analysis, phase imbalance and stabilized motor temperature
- Remote testing is available, allowing customers to view their pumps during the test process, from anywhere in the world



- Skilled sales team to size and quote product needs quickly
- Committed to carrying inventory for the entire season
- Expert machinists and assemblers provide quality, custom pumps fast

Right Pump. Right Now. *What you need, when you need it.*

WATERBOSS™
LINESHAFT TURBINE PUMPS

WOLF™
CUSTOMIZED PUMPS
Right Pump. Right Now.®

PO Box 490
18014 N I-27 Hwy.
Abernathy, TX 79311
800-886-2606
WolfPumps.com

As a family-owned, American company, born in the most abrasive, deep well water conditions of west Texas, Wolf focuses on each customer to build perfectly matched pumps to their exact requirements.
With our expertise, world-class testing, speed of delivery and personal attention, Wolf delivers durable, custom pump solutions when and where you need them.

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