



## AXIAL FLOW

### APPLICATIONS:

- Transfer & supply water from lakes, rivers, retention ponds, geothermals & aquifers
- Potable Water
- Irrigation
- High Volume Booster
- Waste Water
- Flood Control
- Dewatering

Flows: up to 28,000 gpm

Total Dynamic Head: 0 - 40 feet

Discharge Designs: Above or Below Surface

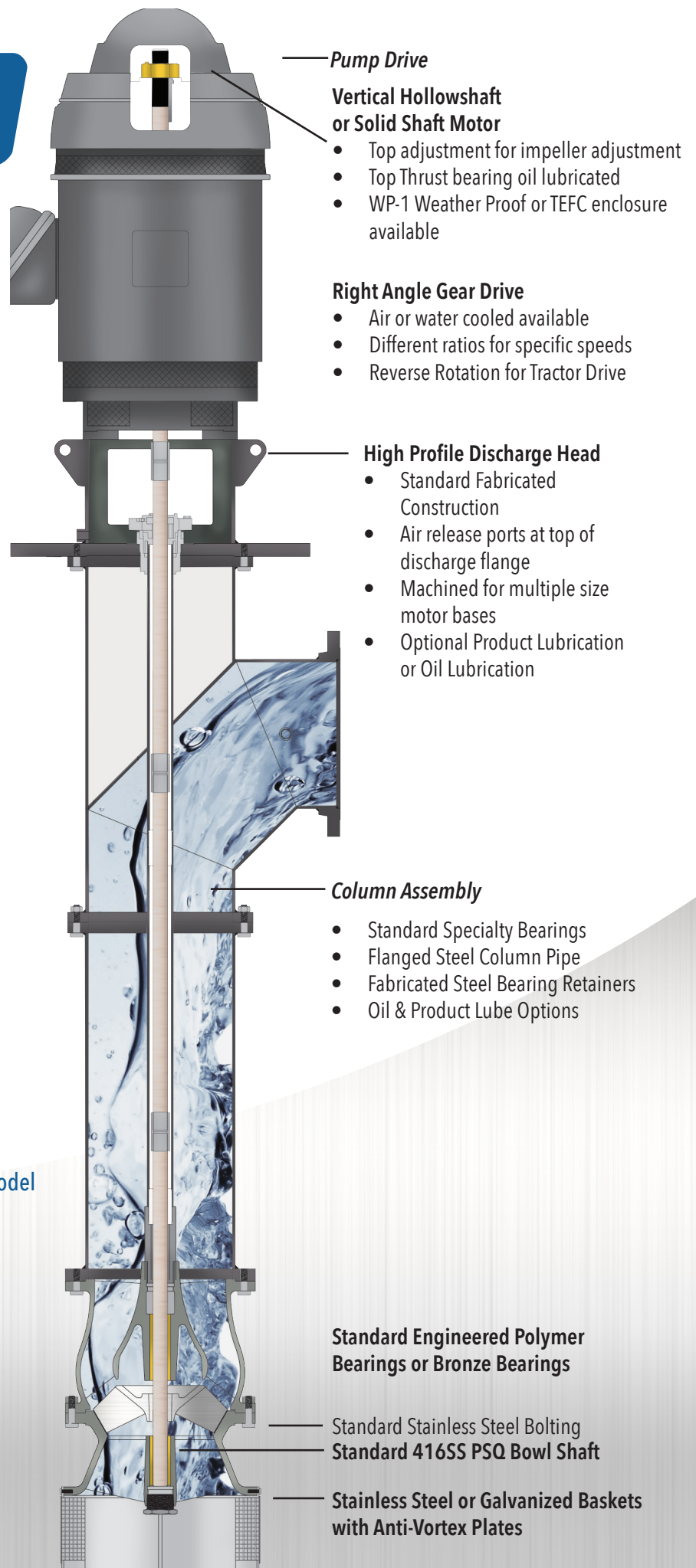
### STANDARD FEATURES:

- Standard Bronze or Stainless Steel Impellers
- Standard all Stainless Steel Bolting & Collets
- Standard Specialty bearings

### ADDITIONAL FEATURES:

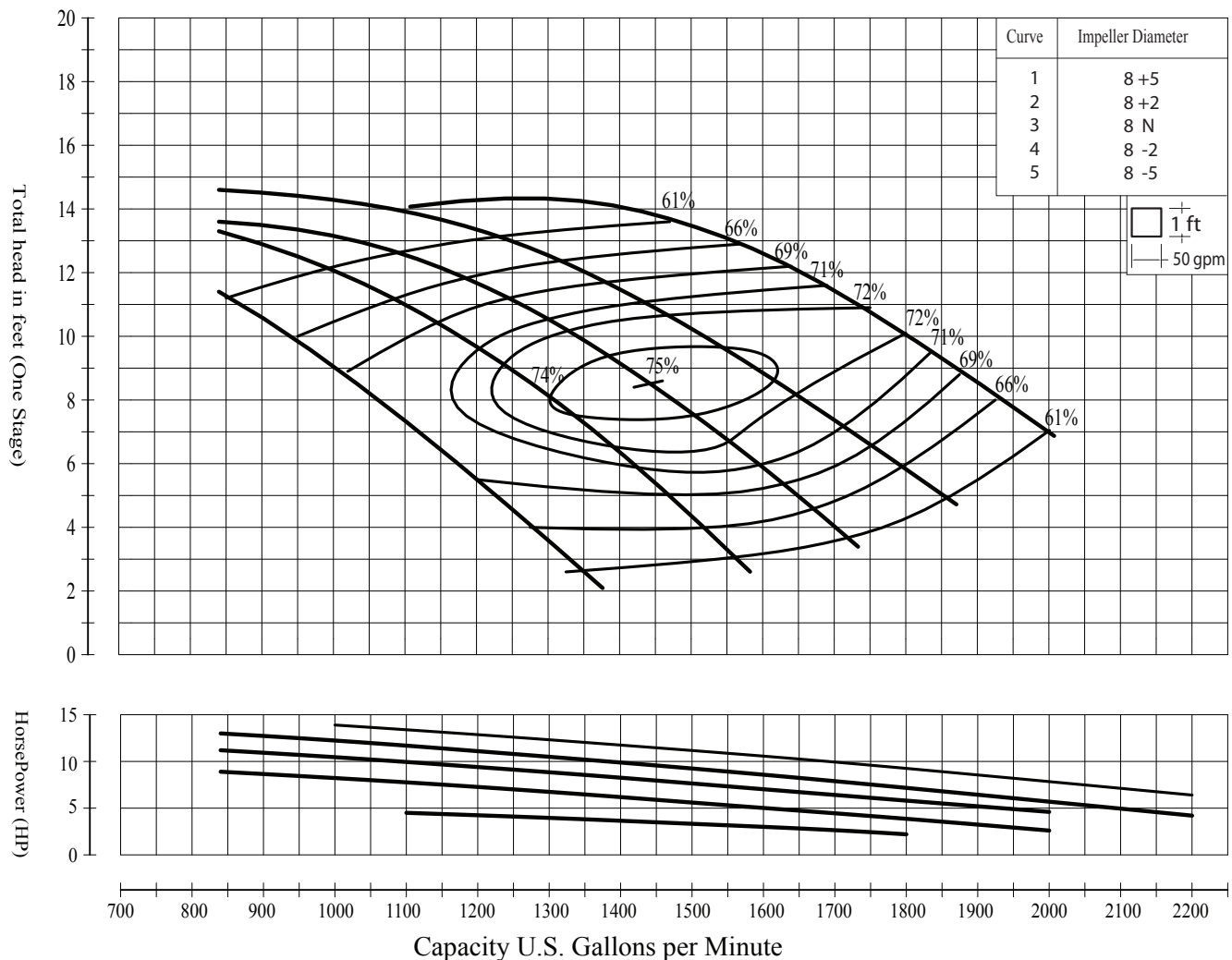
- Low NPSH Design
- Solids passage 2" to 5 7/8" depending on model
- Floating stations available

Material options for use with clean water, salt water, mine water, brines, and corrosives.

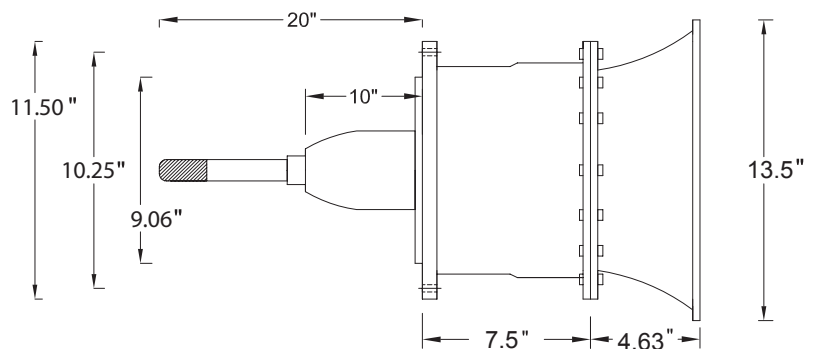




|             |                    |     |    |        |                        |
|-------------|--------------------|-----|----|--------|------------------------|
| CONTRACTOR: | GPM                | TDH | HP | EFFIC. | MODEL<br><b>NPP8PO</b> |
|             | SERVICE CONDITION: |     |    | STAGES |                        |
| ENGINEER:   | PROJECT:           |     |    |        | RPM<br><b>1760</b>     |
| END USER:   |                    |     |    |        |                        |



|                                              |         |
|----------------------------------------------|---------|
| Std. Shaft Diameter                          | 1.0"    |
| Max. Shaft Diameter                          | 1.5"    |
| One Stage WT-LB                              | 112     |
| Add. Stage WT- LB                            | 64      |
| Impeller WT- LB                              | 12.5    |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 0.26    |
| Impeller Type                                | AXIAL   |
| Impeller No.                                 | TXPUCCA |
| Max. Sphere Size                             | 1.75"   |
| K-Factor, Max.                               | 20.0    |
| Max. Operating P.S.I                         | 75      |
| Min. Submergence                             | 23      |
| Bolt Holes                                   | C/F     |
| Bolt Holes Diameter                          | C/F     |





CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

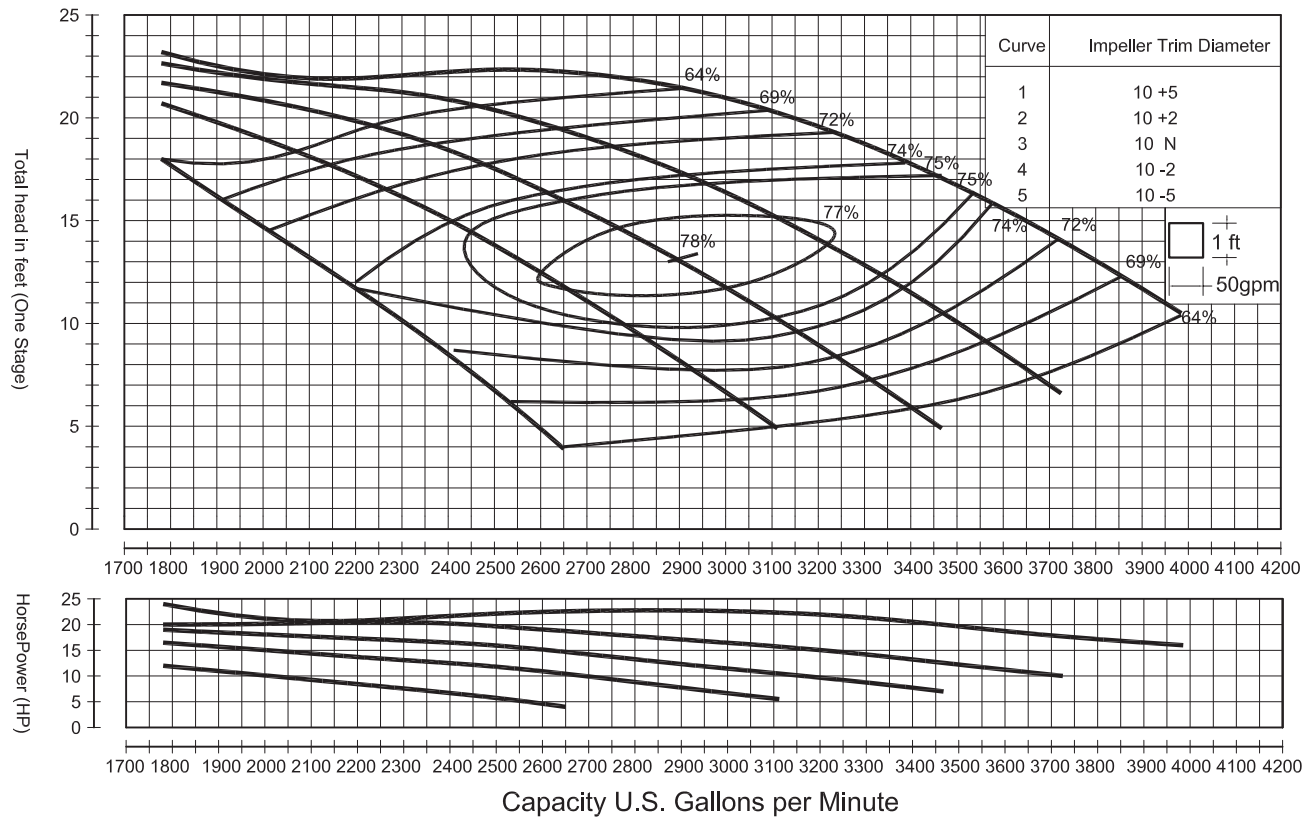
SERVICE CONDITION:

STAGES

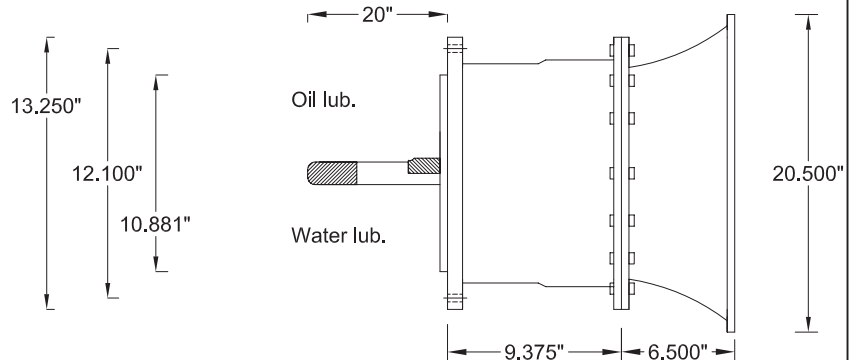
PROJECT:

MODEL  
NPP10PO

RPM  
1760



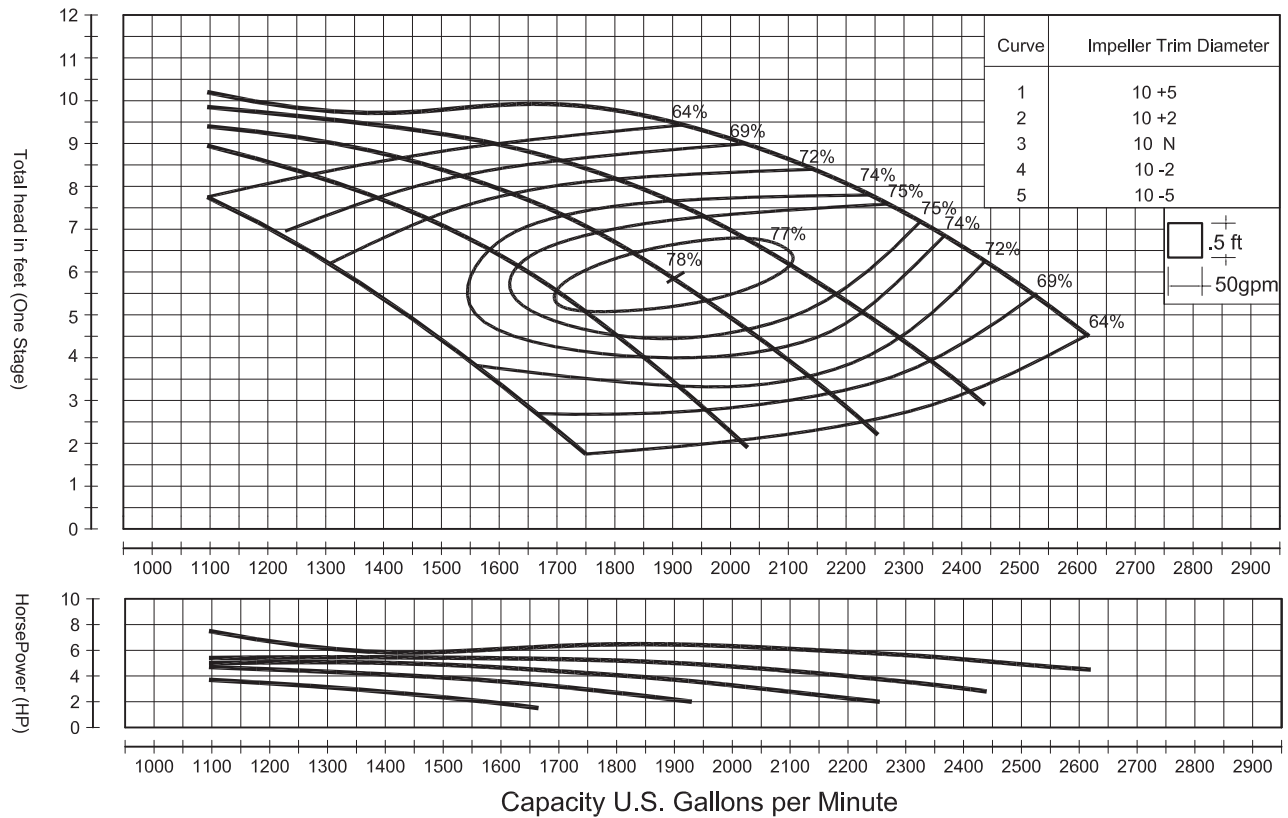
|                                              |           |
|----------------------------------------------|-----------|
| Std. Shaft Diameter                          | 1.188"    |
| Max. Shaft Diameter                          | 1.188"    |
| One Stage WT-LB                              | 176.00    |
| Add. Stage WT- LB                            | 99.000    |
| Impeller WT- LB                              | 13.200    |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | .72       |
| Impeller Type                                | AXIAL     |
| Impeller No.                                 | TAP1412   |
| Max. Sphere Size                             | 2.250"    |
| K-Factor, Max.                               | 32        |
| Max. Operating P.S.I                         | 100       |
| Min. Submergence                             | PAGE V-10 |
| Bolt Holes                                   | 12        |
| Bolt Holes Diameter                          | .563      |



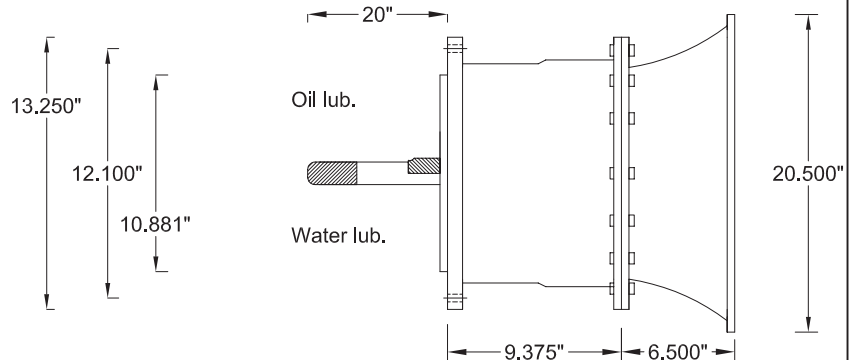
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|                                            |                                               |                                |
|--------------------------------------------|-----------------------------------------------|--------------------------------|
| <b>CONTRACTOR:</b><br><br><b>ENGINEER:</b> | <b>GPM</b> <b>TDH</b> <b>HP</b> <b>EFFIC.</b> | <b>MODEL</b><br><b>NPP10PO</b> |
|                                            | <b>SERVICE CONDITION:</b>                     |                                |
| <b>END USER:</b>                           | <b>PROJECT:</b>                               | <b>RPM</b><br><b>1160</b>      |



|                                              |           |
|----------------------------------------------|-----------|
| Std. Shaft Diameter                          | 1.188"    |
| Max. Shaft Diameter                          | 1.188"    |
| One Stage WT-LB                              | 176.00    |
| Add. Stage WT- LB                            | 99.000    |
| Impeller WT- LB                              | 13.200    |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | .72       |
| Impeller Type                                | AXIAL     |
| Impeller No.                                 | TAP1412   |
| Max. Sphere Size                             | 2.250"    |
| K-Factor, Max.                               | 32        |
| Max. Operating P.S.I                         | 100       |
| Min. Submergence                             | PAGE V-10 |
| Bolt Holes                                   | 12        |
| Bolt Holes Diameter                          | .563      |



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

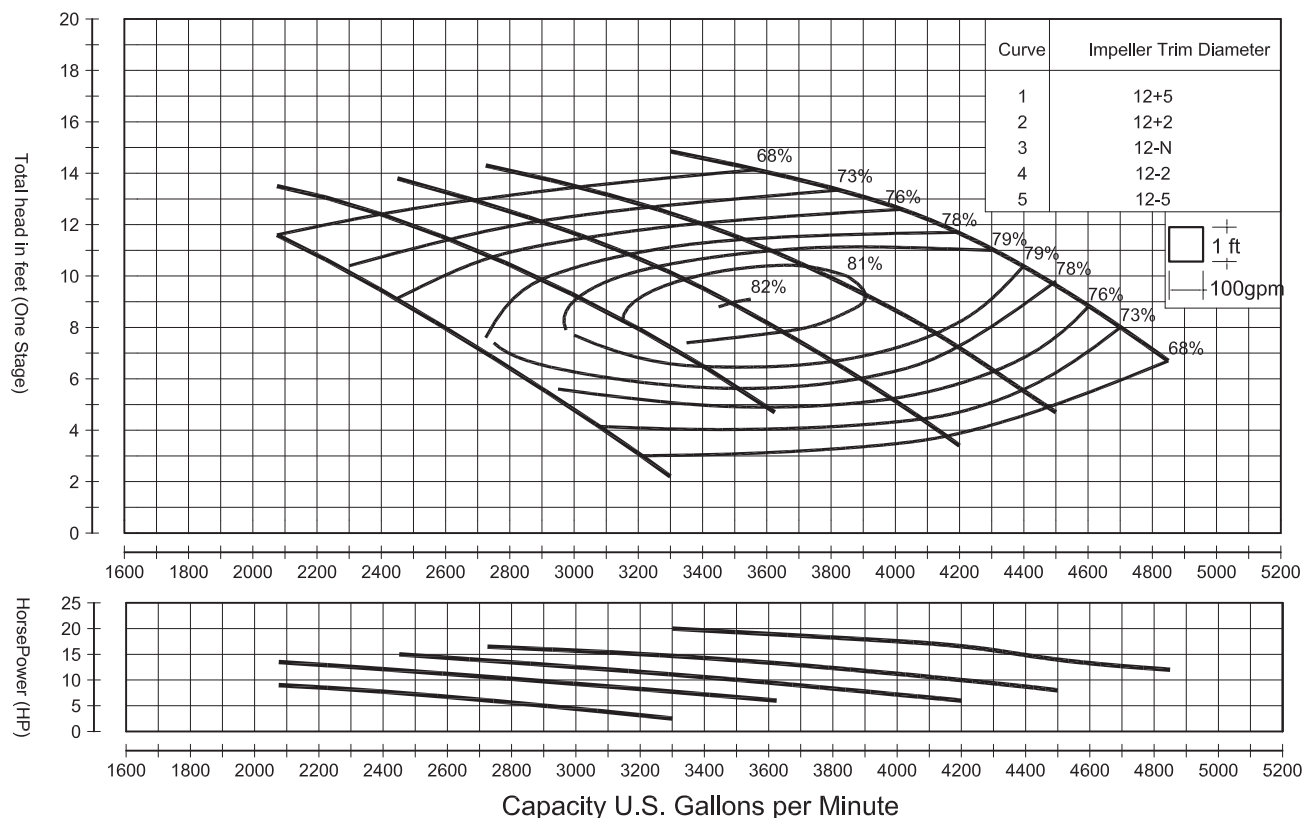
EFFIC.

MODEL  
NPP12PO

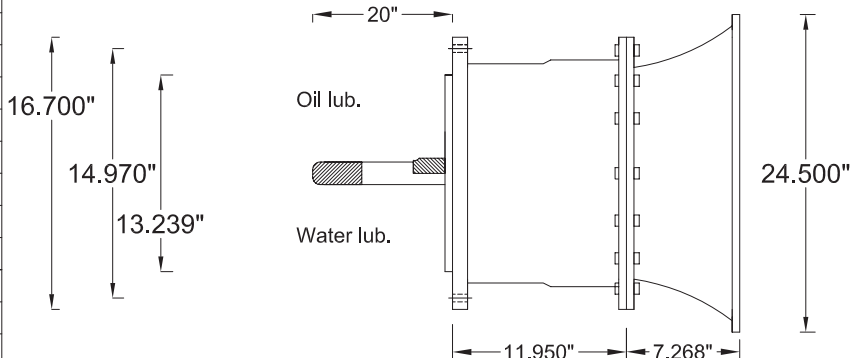
END USER:

PROJECT:

RPM  
1160



|                                              |         |
|----------------------------------------------|---------|
| Std. Shaft Diameter                          | 1.500"  |
| Max. Shaft Diameter                          | 1.938"  |
| One Stage WT-LB                              | 312.40  |
| Add. Stage WT- LB                            | 176.00  |
| Impeller WT- LB                              | 33.000  |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 1.90    |
| Impeller Type                                | AXIAL   |
| Impeller No.                                 | TAP1413 |
| Max. Sphere Size                             | 2.875"  |
| K-Factor, Max.                               | 48      |
| Max. Operating P.S.I                         | 100     |
| Min. Submergence                             | N/A     |
| Bolt Holes                                   | 16      |
| Bolt Holes Diameter                          | .563    |



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

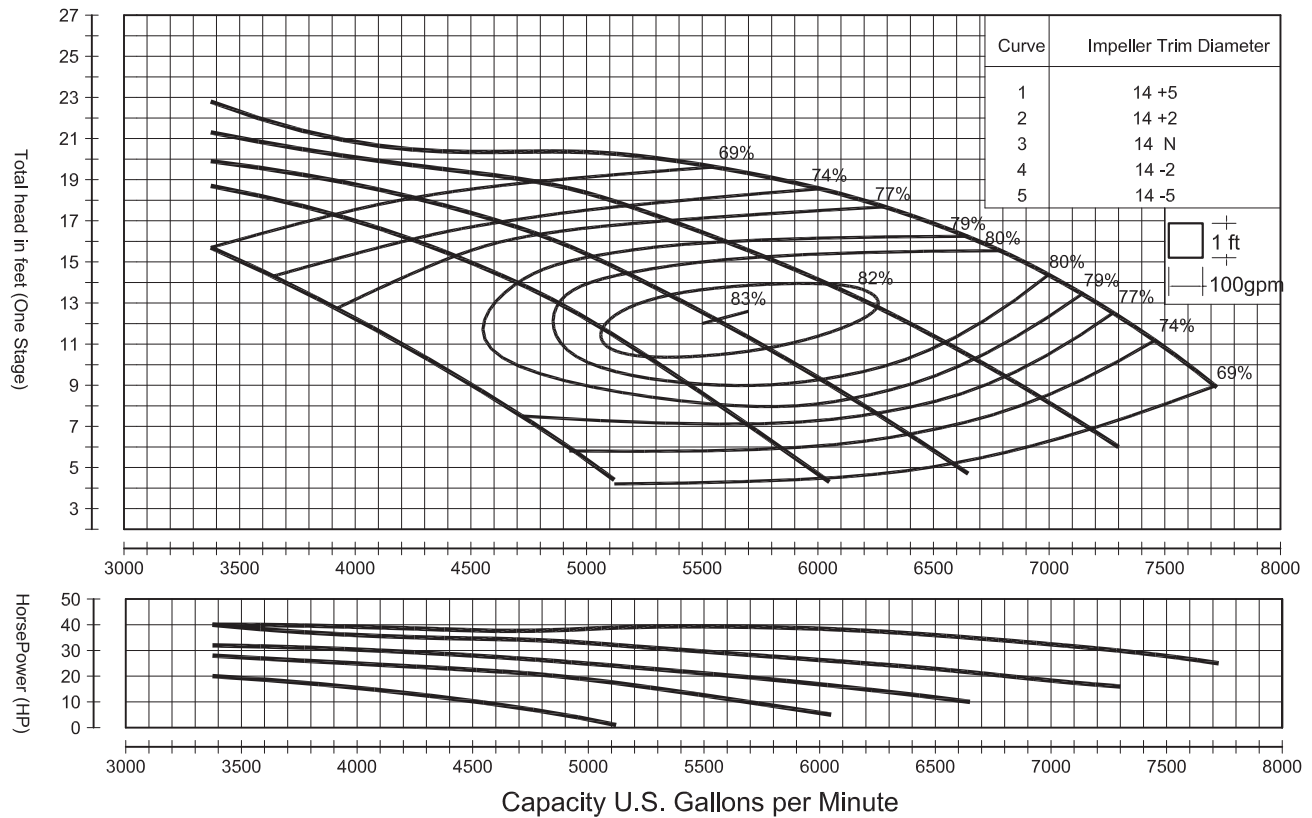
EFFIC.

MODEL  
NPP14PO

END USER:

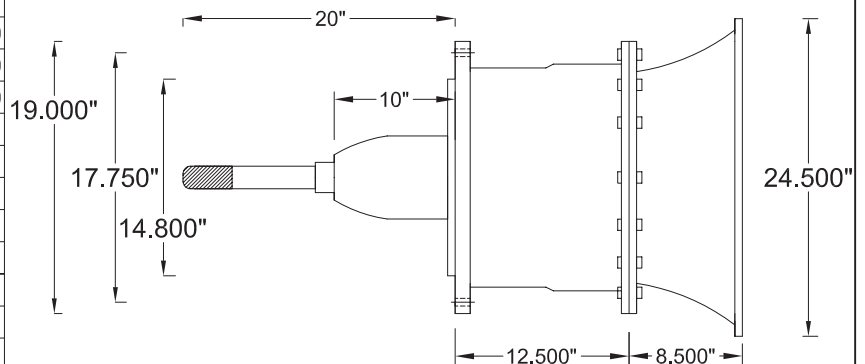
PROJECT:

RPM  
1170



|                                              |         |
|----------------------------------------------|---------|
| Std. Shaft Diameter                          | 1.688"  |
| Max. Shaft Diameter                          | 2.00"   |
| One Stage WT-LB                              | 424.60  |
| Add. Stage WT- LB                            | 250.80  |
| Impeller WT- LB                              | 41.800  |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 3.400   |
| Impeller Type                                | AXIAL   |
| Impeller No.                                 | TAP1414 |
| Max. Sphere Size                             | 3.375"  |
| K-Factor, Max.                               | 66      |
| Max. Operating P.S.I                         | 100     |
| Min. Submergence                             | N/A     |
| Bolt Holes                                   | 12      |
| Bolt Holes Diameter                          | .688    |

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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

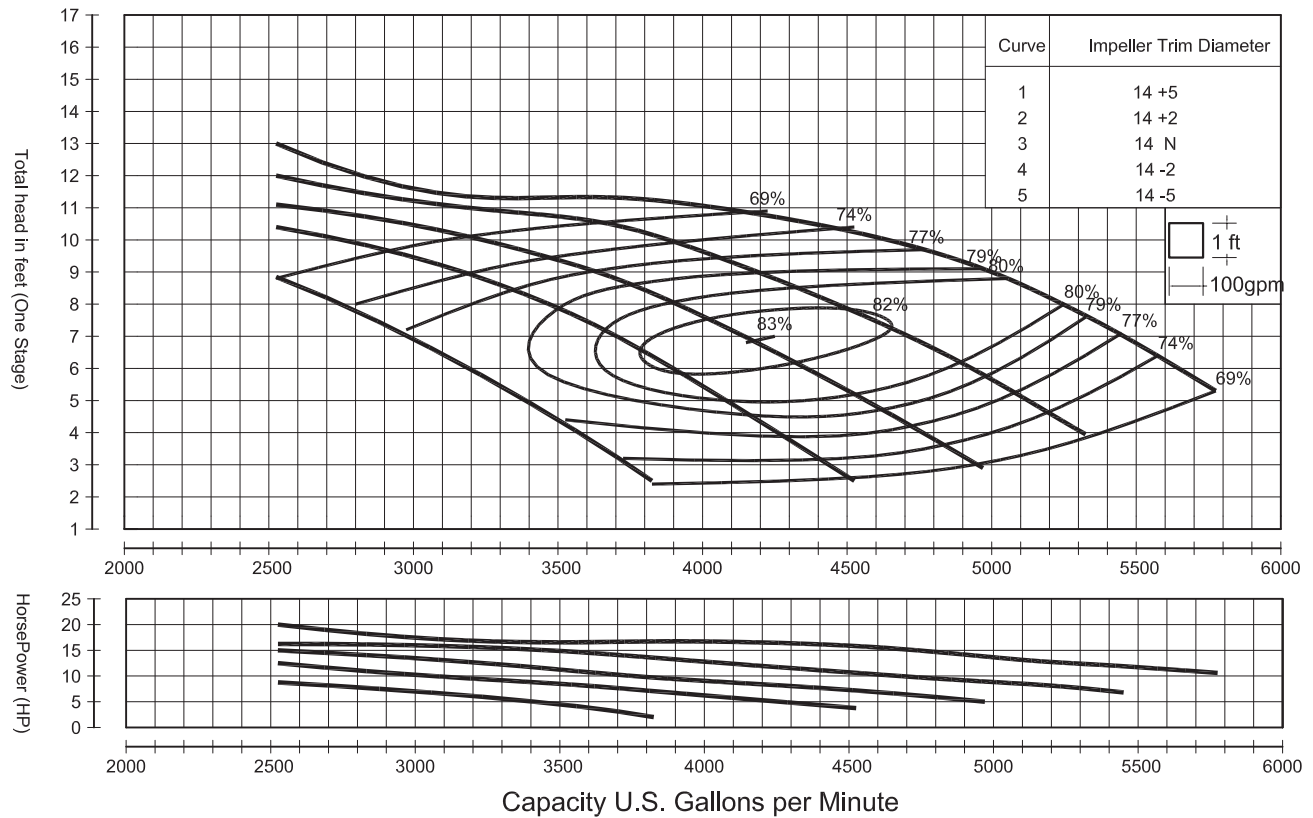
EFFIC.

MODEL  
NPP14PO

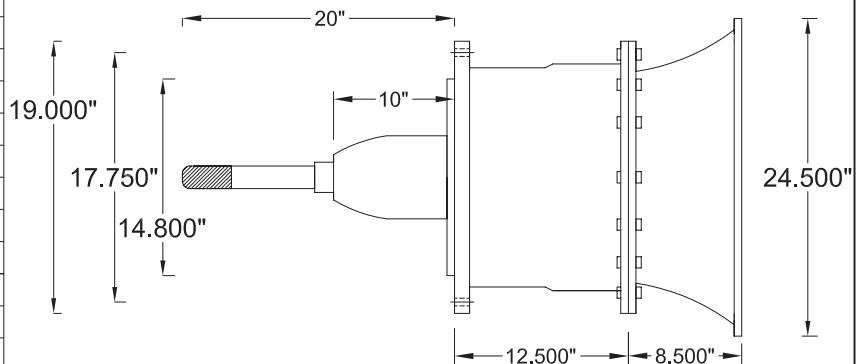
END USER:

PROJECT:

RPM  
875



|                                              |         |
|----------------------------------------------|---------|
| Std. Shaft Diameter                          | 1.688"  |
| Max. Shaft Diameter                          | 2.00"   |
| One Stage WT-LB                              | 424.60  |
| Add. Stage WT- LB                            | 250.80  |
| Impeller WT- LB                              | 41.800  |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 3.400   |
| Impeller Type                                | AXIAL   |
| Impeller No.                                 | TAP1414 |
| Max. Sphere Size                             | 3.375"  |
| K-Factor, Max.                               | 66      |
| Max. Operating P.S.I                         | 100     |
| Min. Submergence                             | N/A     |
| Bolt Holes                                   | 12      |
| Bolt Holes Diameter                          | .688    |



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CONTRACTOR:

GPM

TDH

HP

EFFIC.

MODEL  
NPP16PO

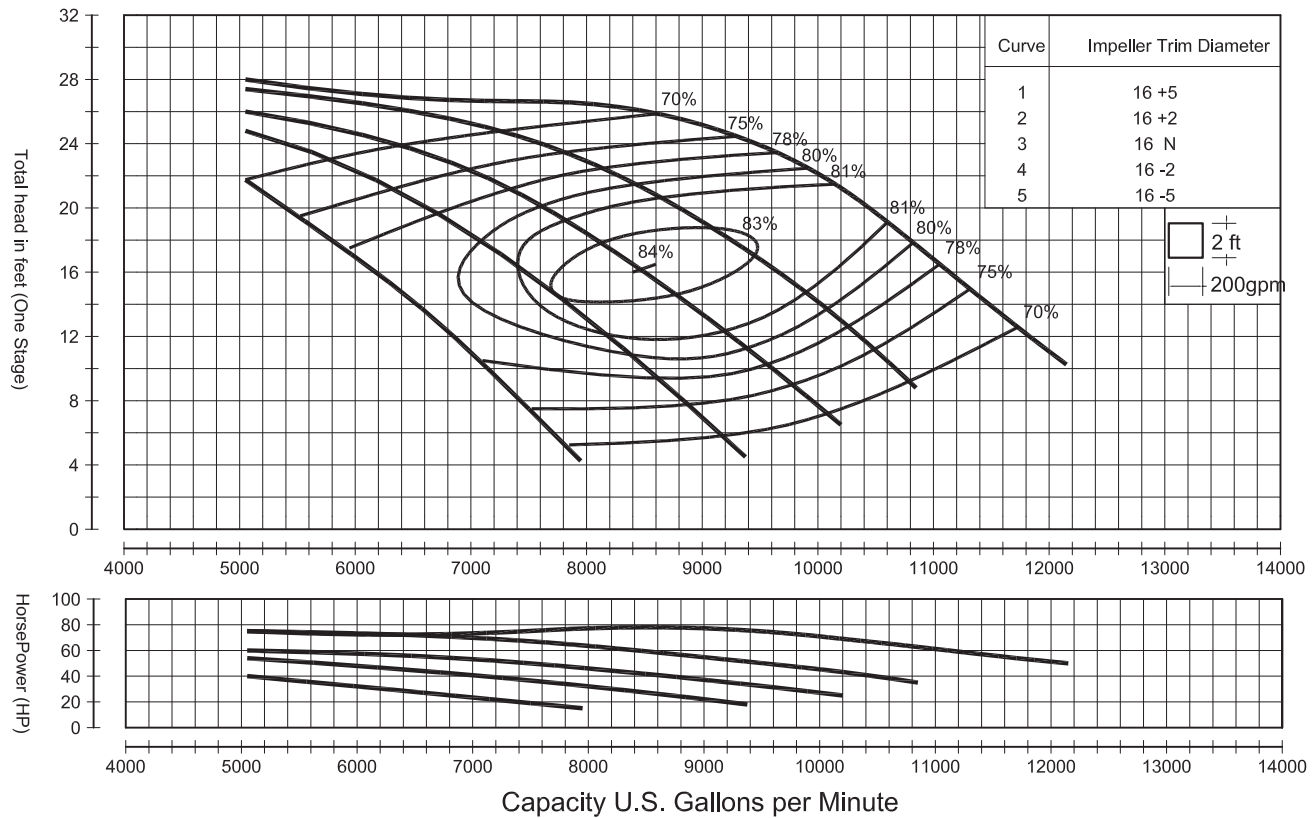
ENGINEER:

SERVICE CONDITION:

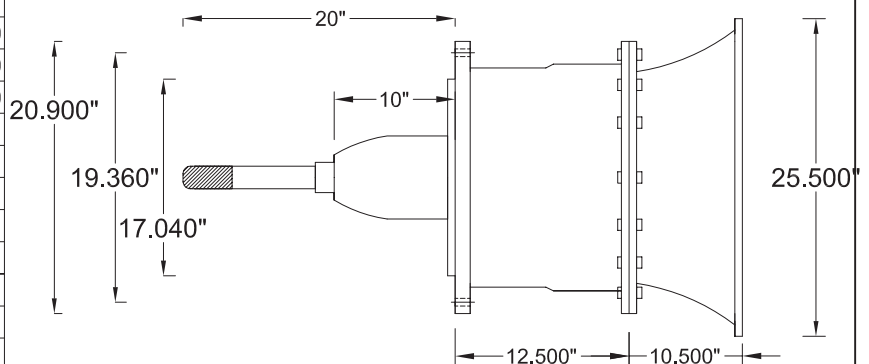
STAGES

END USER:

PROJECT:

RPM  
1180

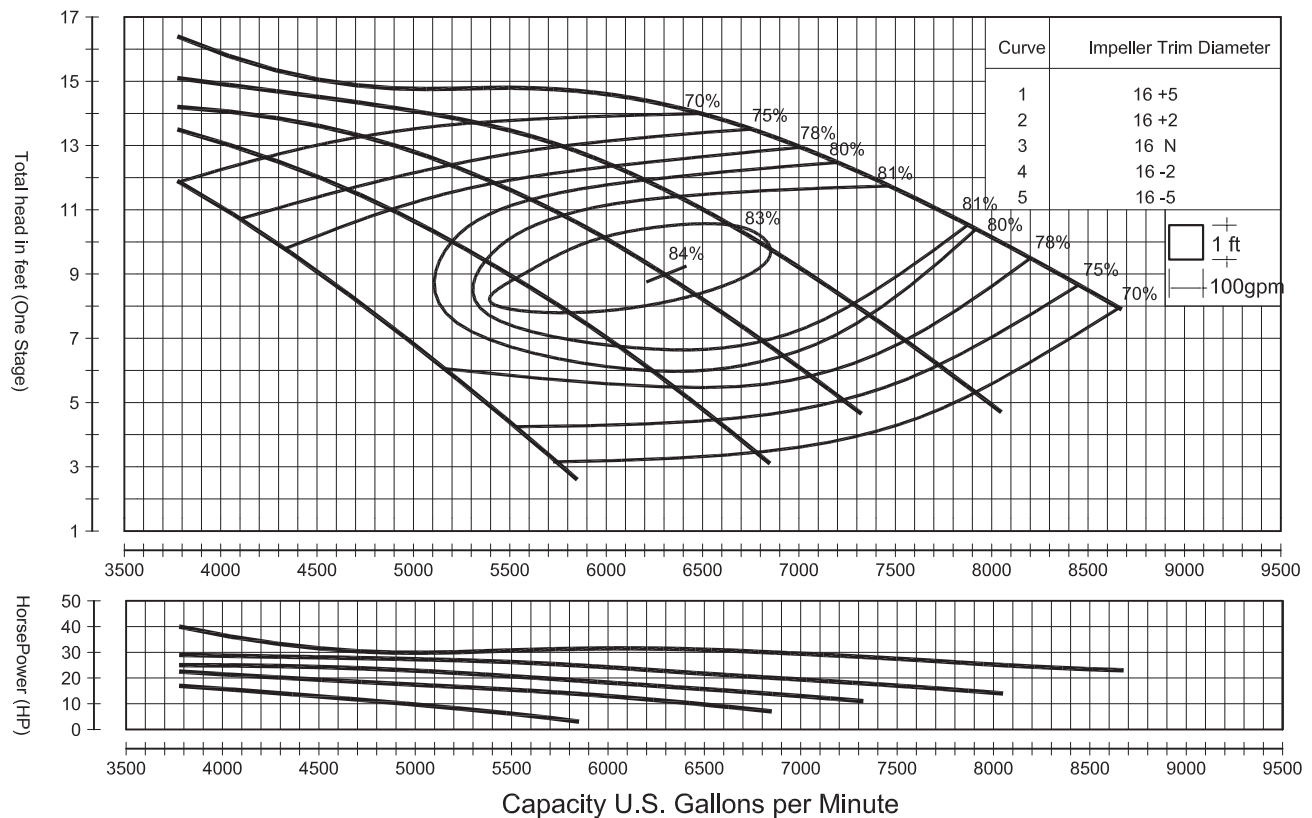
|                                              |            |
|----------------------------------------------|------------|
| Std. Shaft Diameter                          | 1.688"     |
| Max. Shaft Diameter                          | 1.938"     |
| One Stage WT-LB                              | 594.00     |
| Add. Stage WT- LB                            | 354.20     |
| Impeller WT- LB                              | 77.000     |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 5.800      |
| Impeller Type                                | AXIAL      |
| Impeller No.                                 | TAP1415    |
| Max. Sphere Size                             | 4.000"     |
| K-Factor, Max.                               | 86         |
| Max. Operating P.S.I                         | 100        |
| Min. Submergence                             | PAGE IV-11 |
| Bolt Holes                                   | 16         |
| Bolt Holes Diameter                          | .625       |



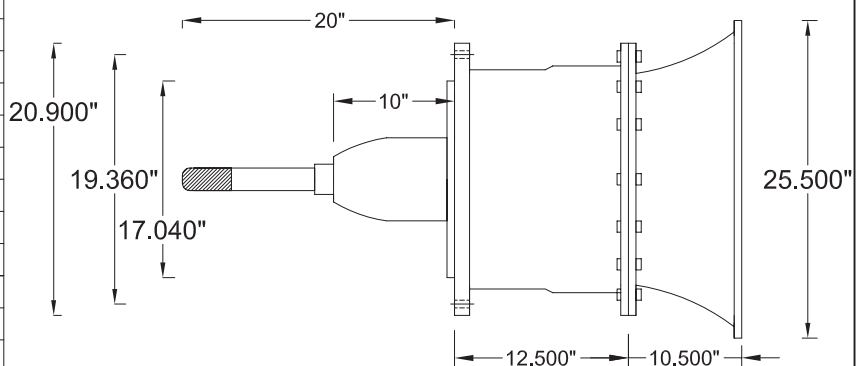
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|                                            |                                               |                                |
|--------------------------------------------|-----------------------------------------------|--------------------------------|
| <b>CONTRACTOR:</b><br><br><b>ENGINEER:</b> | <b>GPM</b> <b>TDH</b> <b>HP</b> <b>EFFIC.</b> | <b>MODEL</b><br><b>NPP16PO</b> |
|                                            | <b>SERVICE CONDITION:</b>                     |                                |
| <b>END USER:</b>                           | <b>PROJECT:</b>                               | <b>RPM</b><br><b>875</b>       |



|                                              |           |
|----------------------------------------------|-----------|
| Std. Shaft Diameter                          | 1.688"    |
| Max. Shaft Diameter                          | 1.938"    |
| One Stage WT-LB                              | 594.00    |
| Add. Stage WT- LB                            | 354.20    |
| Impeller WT- LB                              | 77.000    |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 5.800     |
| Impeller Type                                | AXIAL     |
| Impeller No.                                 | TAP1415   |
| Max. Sphere Size                             | 4.000"    |
| K-Factor, Max.                               | 86        |
| Max. Operating P.S.I                         | 100       |
| Min. Submergence                             | PAGE V-11 |
| Bolt Holes                                   | 16        |
| Bolt Holes Diameter                          | .625      |



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

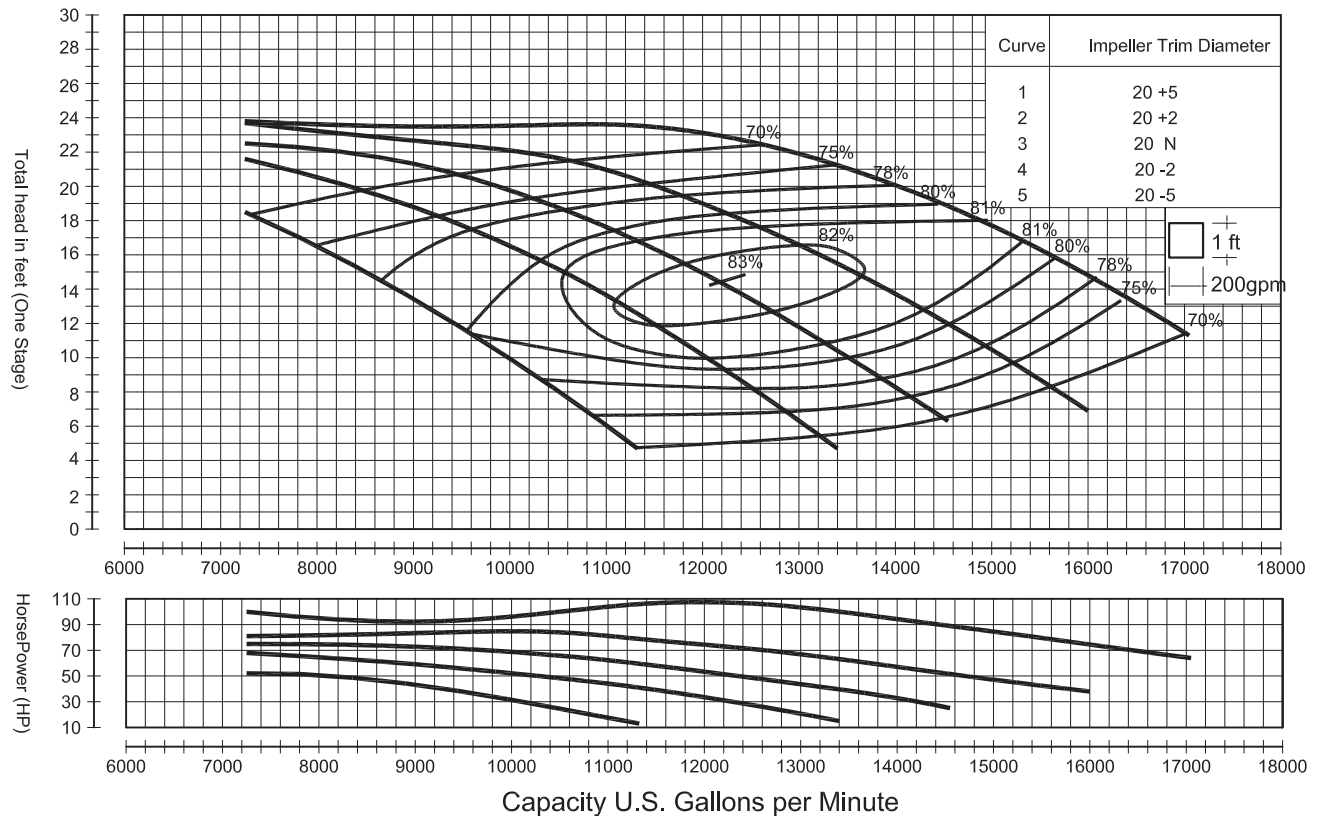
EFFIC.

MODEL  
NPP20PO

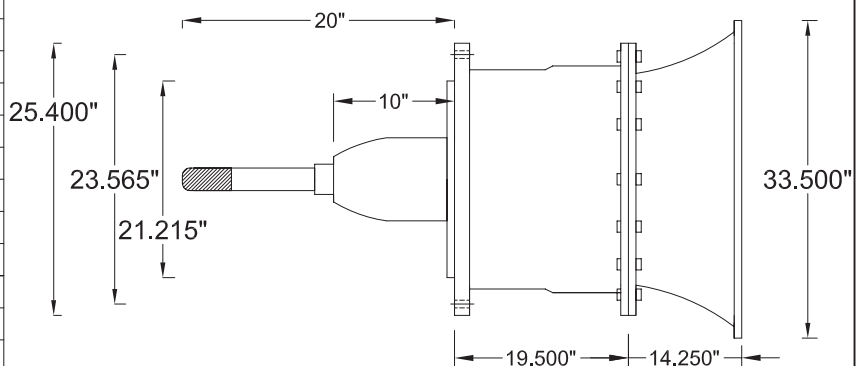
END USER:

PROJECT:

RPM  
880



|                                              |           |
|----------------------------------------------|-----------|
| Std. Shaft Diameter                          | 1.938"    |
| Max. Shaft Diameter                          | 2.938"    |
| One Stage WT-LB                              | 965.80    |
| Add. Stage WT- LB                            | 609.40    |
| Impeller WT- LB                              | 94.600    |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 18.00     |
| Impeller Type                                | AXIAL     |
| Impeller No.                                 | TAP1417   |
| Max. Sphere Size                             | 4.875"    |
| K-Factor, Max.                               | 135       |
| Max. Operating P.S.I                         | 100       |
| Min. Submergence                             | PAGE V-11 |
| Bolt Holes                                   | 16        |
| Bolt Holes Diameter                          | .875      |



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

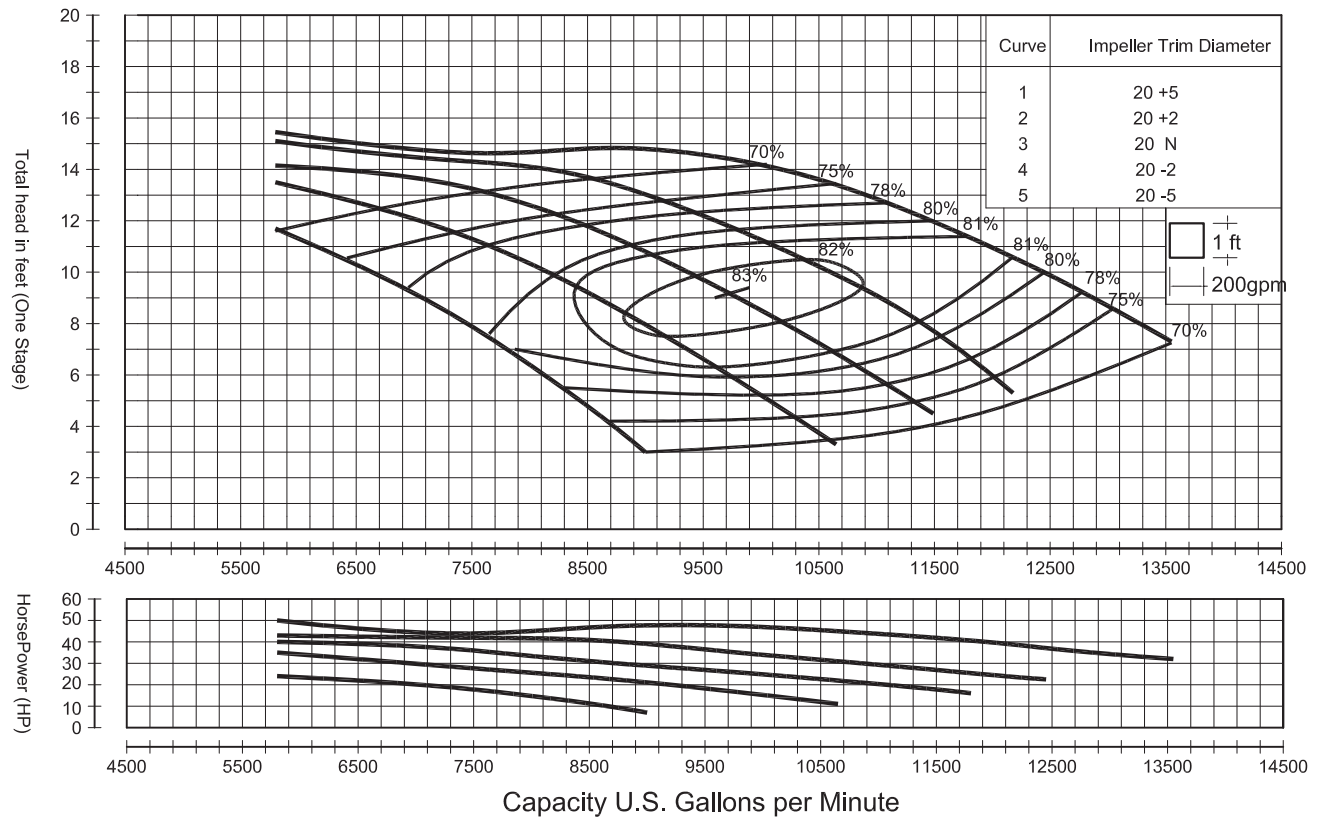
EFFIC.

MODEL  
NPP20PO

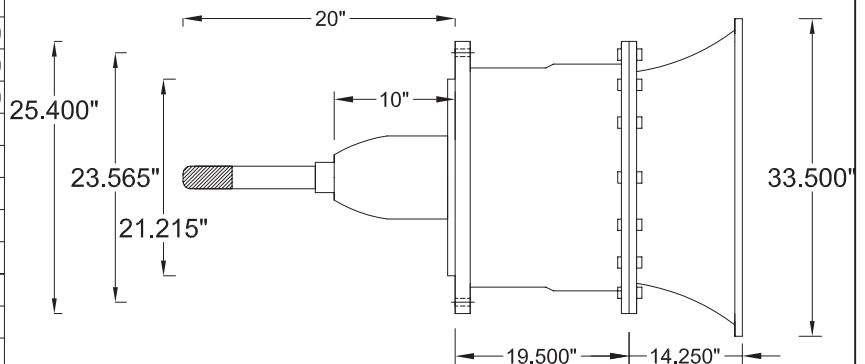
END USER:

PROJECT:

RPM  
700



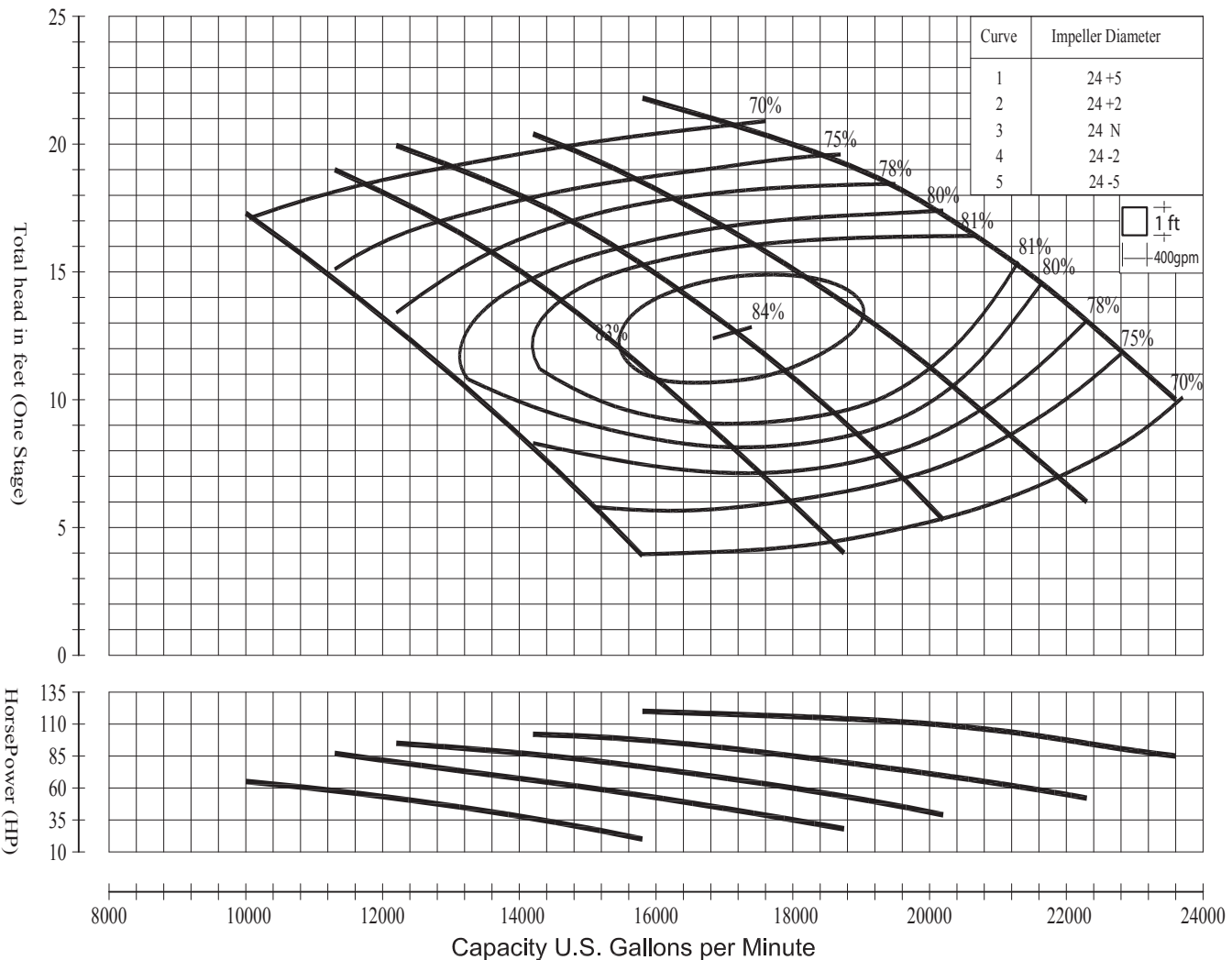
|                                              |           |
|----------------------------------------------|-----------|
| Std. Shaft Diameter                          | 1.938"    |
| Max. Shaft Diameter                          | 2.938"    |
| One Stage WT-LB                              | 965.80    |
| Add. Stage WT- LB                            | 609.40    |
| Impeller WT- LB                              | 94.600    |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 18.00     |
| Impeller Type                                | AXIAL     |
| Impeller No.                                 | TAP1417   |
| Max. Sphere Size                             | 4.875"    |
| K-Factor, Max.                               | 135       |
| Max. Operating P.S.I                         | 100       |
| Min. Submergence                             | PAGE V-11 |
| Bolt Holes                                   | 16        |
| Bolt Holes Diameter                          | .875      |



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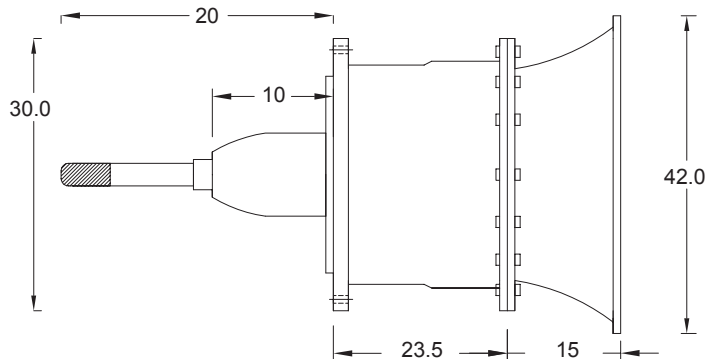


|                                            |                                               |                                    |
|--------------------------------------------|-----------------------------------------------|------------------------------------|
| <b>CONTRACTOR:</b><br><br><b>ENGINEER:</b> | <b>GPM</b> <b>TDH</b> <b>HP</b> <b>EFFIC.</b> | <b>MODEL</b><br><br><b>NPP24PO</b> |
|                                            | <b>SERVICE CONDITION:</b>                     |                                    |
| <b>END USER:</b>                           | <b>PROJECT:</b>                               | <b>RPM</b><br><br><b>700</b>       |



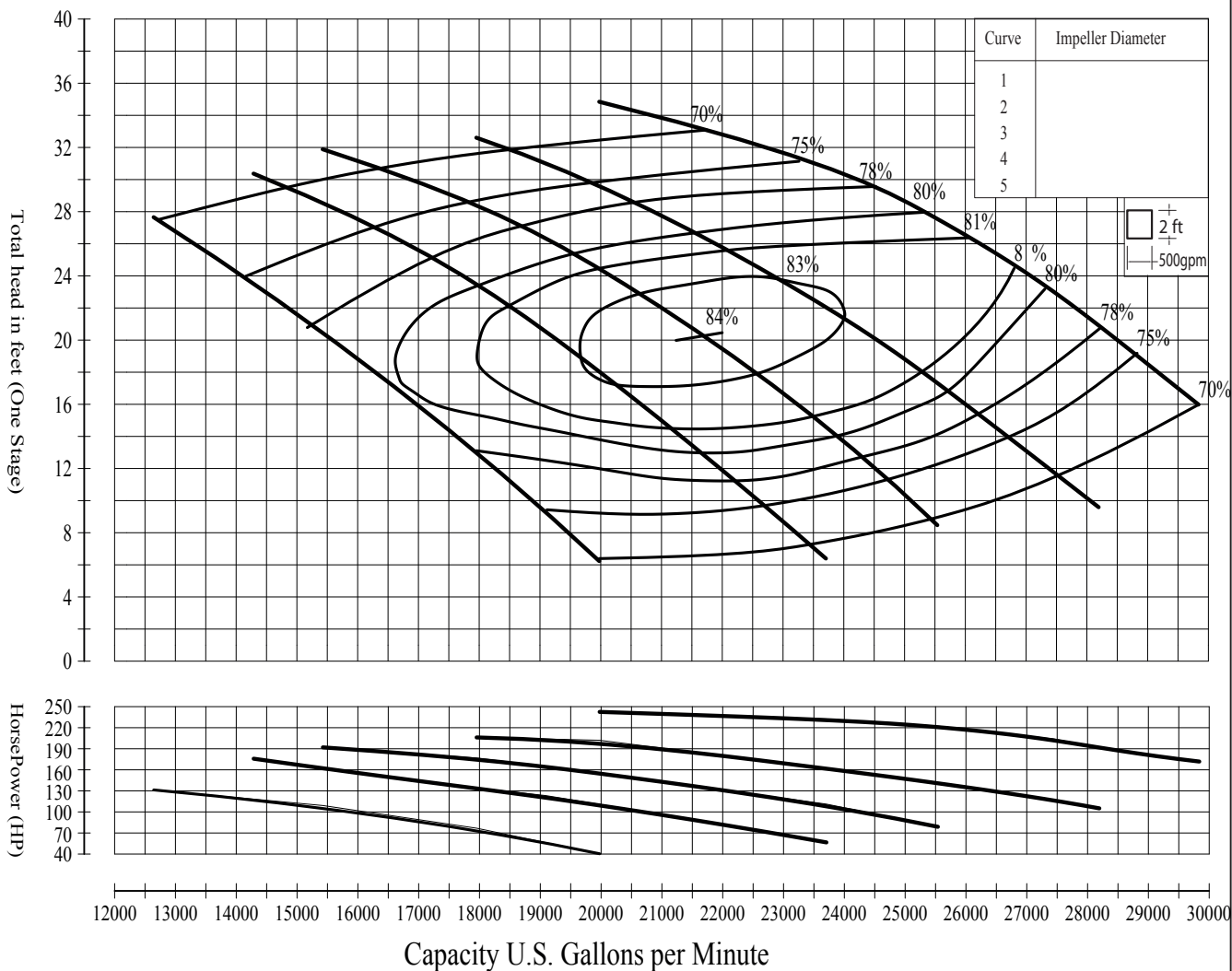
|                                              |          |
|----------------------------------------------|----------|
| Std. Shaft Diameter                          | 1 15/16  |
| Max. Shaft Diameter                          | 2 7/16   |
| One Stage WT-LB                              | 1600     |
| Add. Stage WT- LB                            | 980      |
| Impeller WT- LB                              | 200      |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 41       |
| Impeller Type                                | AXIAL    |
| Impeller No.                                 | ETPASES  |
| Max. Sphere Size                             | 5 7/8    |
| K-Factor, Max.                               | 194      |
| Max. Operating P.S.I                         | 75       |
| Min. Submergence                             | 93.25plg |

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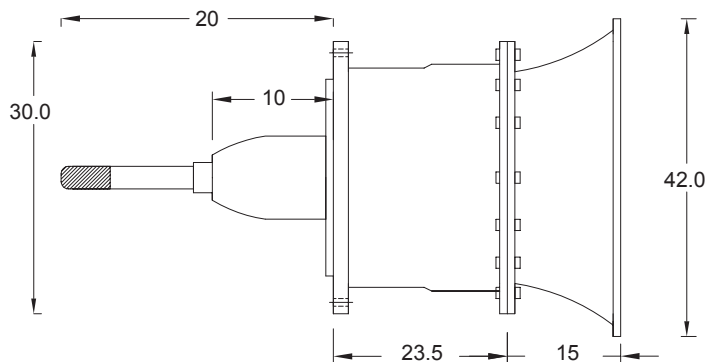




|                                            |                                               |                                    |
|--------------------------------------------|-----------------------------------------------|------------------------------------|
| <b>CONTRACTOR:</b><br><br><b>ENGINEER:</b> | <b>GPM</b> <b>TDH</b> <b>HP</b> <b>EFFIC.</b> | <b>MODEL</b><br><br><b>NPP24PO</b> |
|                                            | <b>SERVICE CONDITION:</b>                     |                                    |
| <b>END USER:</b>                           | <b>PROJECT:</b>                               | <b>RPM</b><br><br><b>885</b>       |



|                                              |          |
|----------------------------------------------|----------|
| Std. Shaft Diameter                          | 1 15/16  |
| Max. Shaft Diameter                          | 2 7/16   |
| One Stage WT-LB                              | 1600     |
| Add. Stage WT- LB                            | 980      |
| Impeller WT- LB                              | 200      |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 41       |
| Impeller Type                                | AXIAL    |
| Impeller No.                                 | ETPASES  |
| Max. Sphere Size                             | 5 7/8    |
| K-Factor, Max.                               | 194      |
| Max. Operating P.S.I                         | 75       |
| Min. Submergence                             | 93.25plg |



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

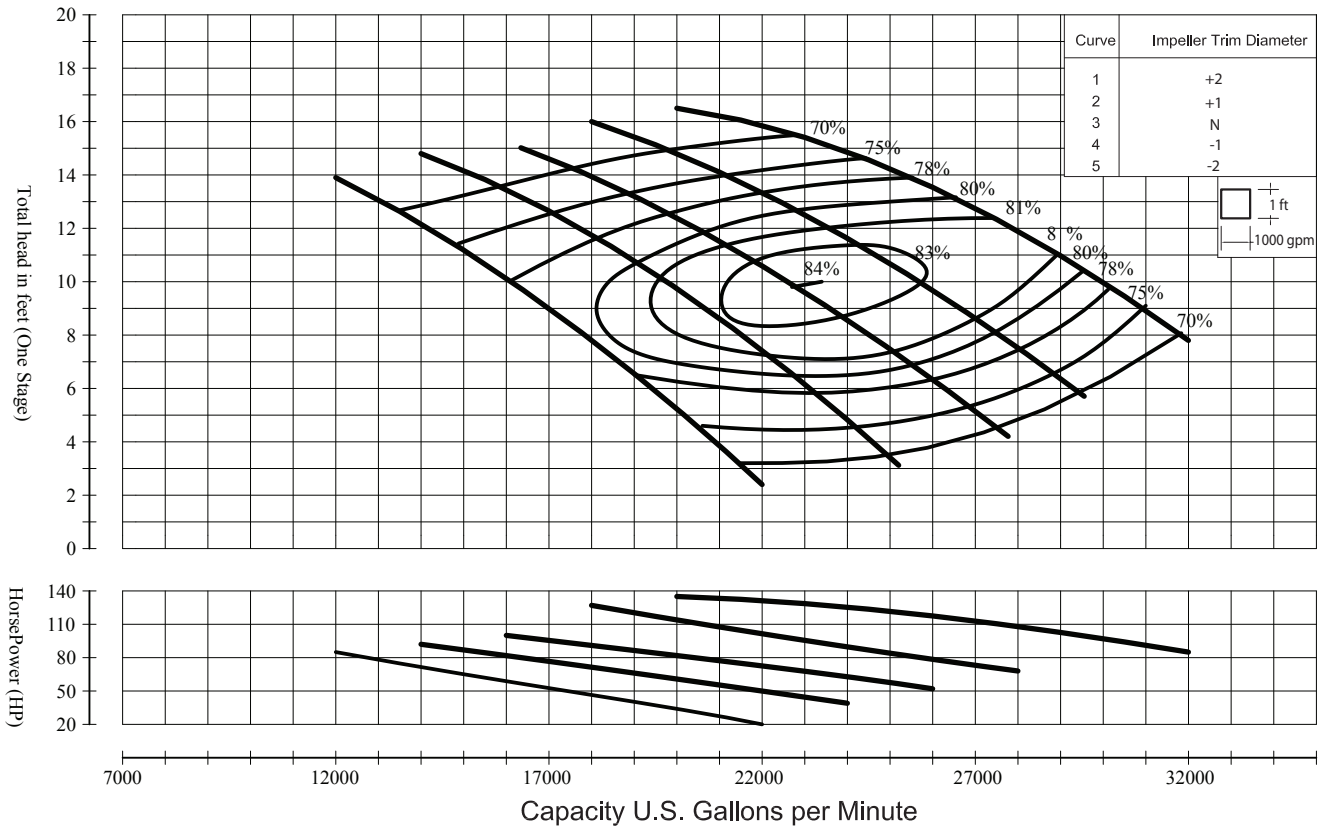
EFFIC.

MODEL  
NPP30PO

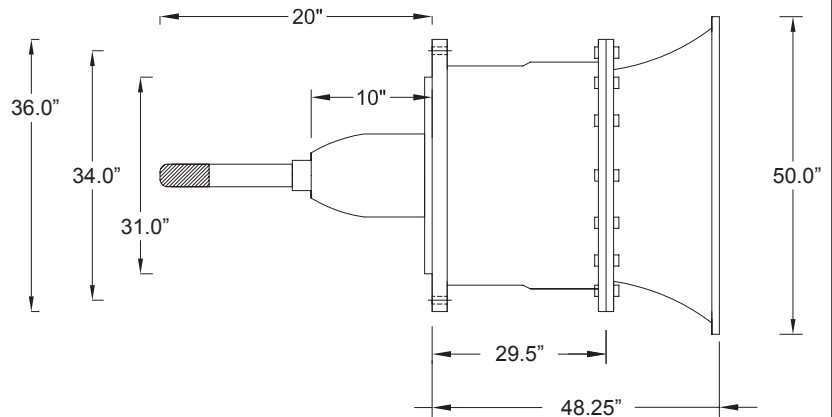
END USER:

PROJECT:

RPM  
490



|                                              |            |
|----------------------------------------------|------------|
| Std. Shaft Diameter                          | 2.688"     |
| Max. Shaft Diameter                          | 3.000"     |
| One Stage WT-LB                              | 2,600      |
| Add. Stage WT- LB                            | 1,510      |
| Impeller WT- LB                              | 340        |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 176        |
| Impeller Type                                | AXIAL      |
| Impeller No.                                 | —          |
| Max. Sphere Size                             | 7.25       |
| K-Factor, Max.                               | 304        |
| Max. Operating P.S.I                         | 100        |
| Min. Submergence                             | PAGE IV-11 |
| Bolt Holes                                   | 24         |
| Bolt Holes Diameter                          | .875       |



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CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

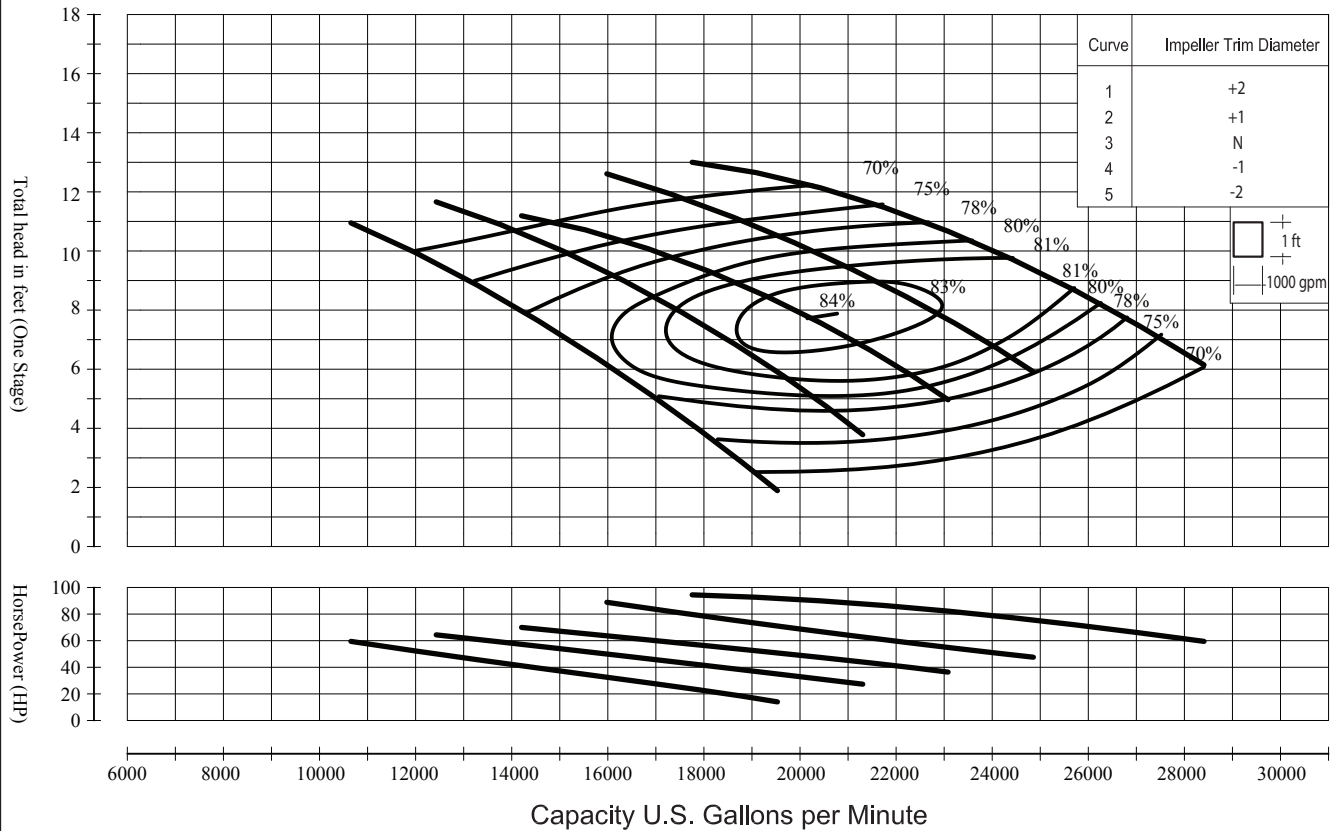
SERVICE CONDITION:

STAGES

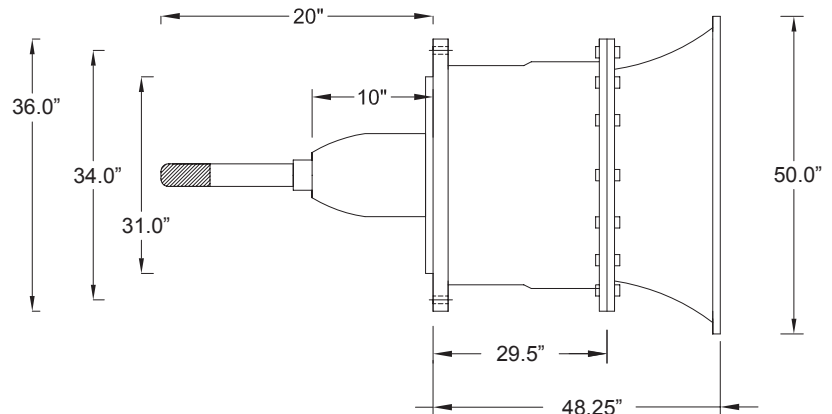
PROJECT:

MODEL  
NPP30PO

RPM  
435

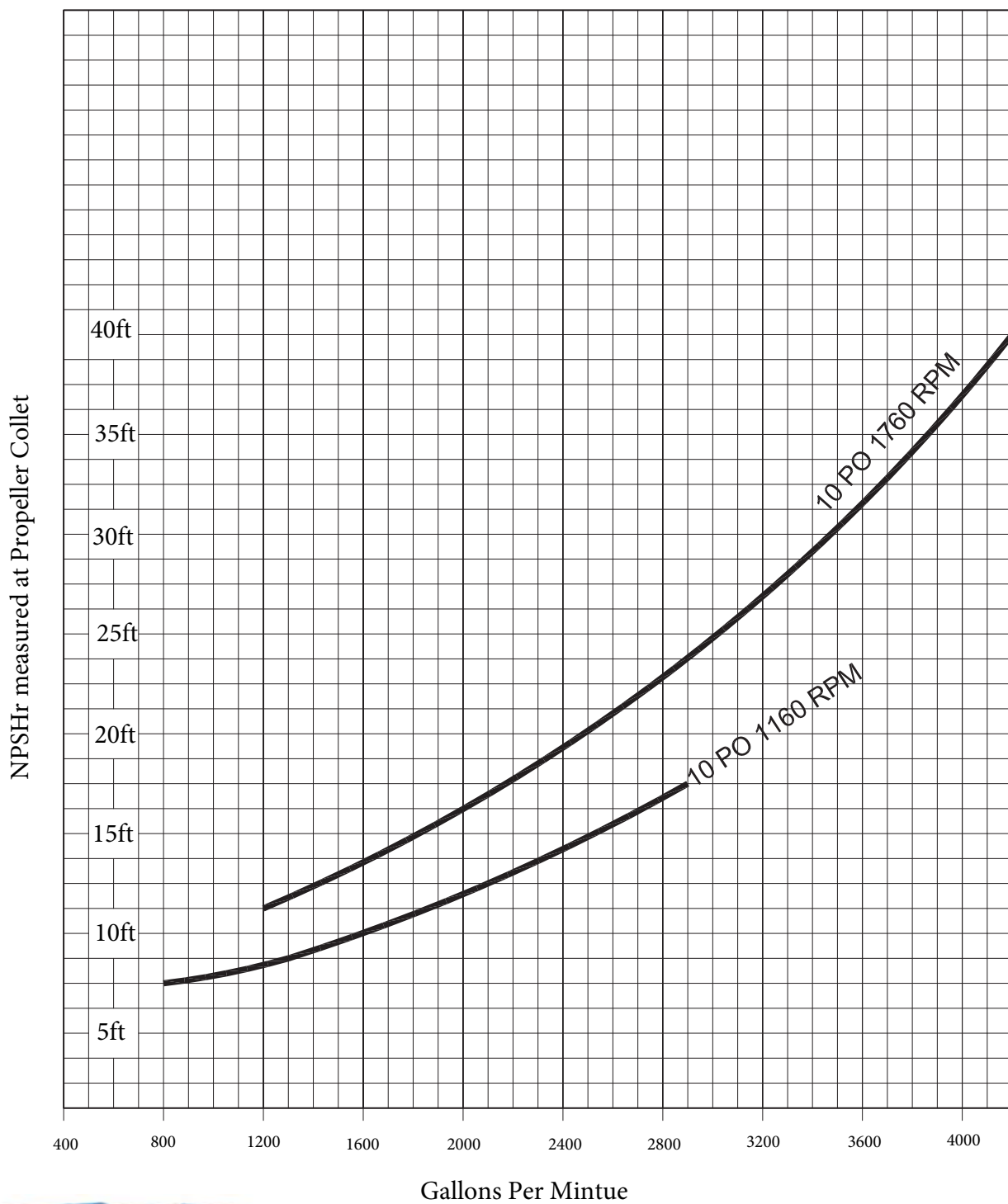


|                                              |            |
|----------------------------------------------|------------|
| Std. Shaft Diameter                          | 2.688"     |
| Max. Shaft Diameter                          | 3.000"     |
| One Stage WT-LB                              | 2,600      |
| Add. Stage WT- LB                            | 1,510      |
| Impeller WT- LB                              | 340        |
| One Stage WR <sup>2</sup> LB-FT <sup>2</sup> | 176        |
| Impeller Type                                | AXIAL      |
| Impeller No.                                 |            |
| Max. Sphere Size                             | 7.25       |
| K-Factor, Max.                               | 304        |
| Max. Operating P.S.I                         | 100        |
| Min. Submergence                             | PAGE IV-11 |
| Bolt Holes                                   | 24         |
| Bolt Holes Diameter                          | .875       |



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Net Positive Suction Head Required



NET POSITIVE SUCTION HEAD REQUIREMENT

