



HIGH EFFICIENCY SUBMERSIBLE TURBINE

Flows: 50 gpm - 6,000 gpm

Total Dynamic Head: 0 - 1,800 feet

Settings: Shallow sumps to 1,000 feet

Complete Floating Platform Design Options

STANDARD FEATURES:

- Standard Stainless Steel Investment Cast Impellers
- 5"- 7" All Ductile Iron Bowl Castings Standard
- Standard all Stainless Steel Bolting & Collets
- Standard Specialty Bearings

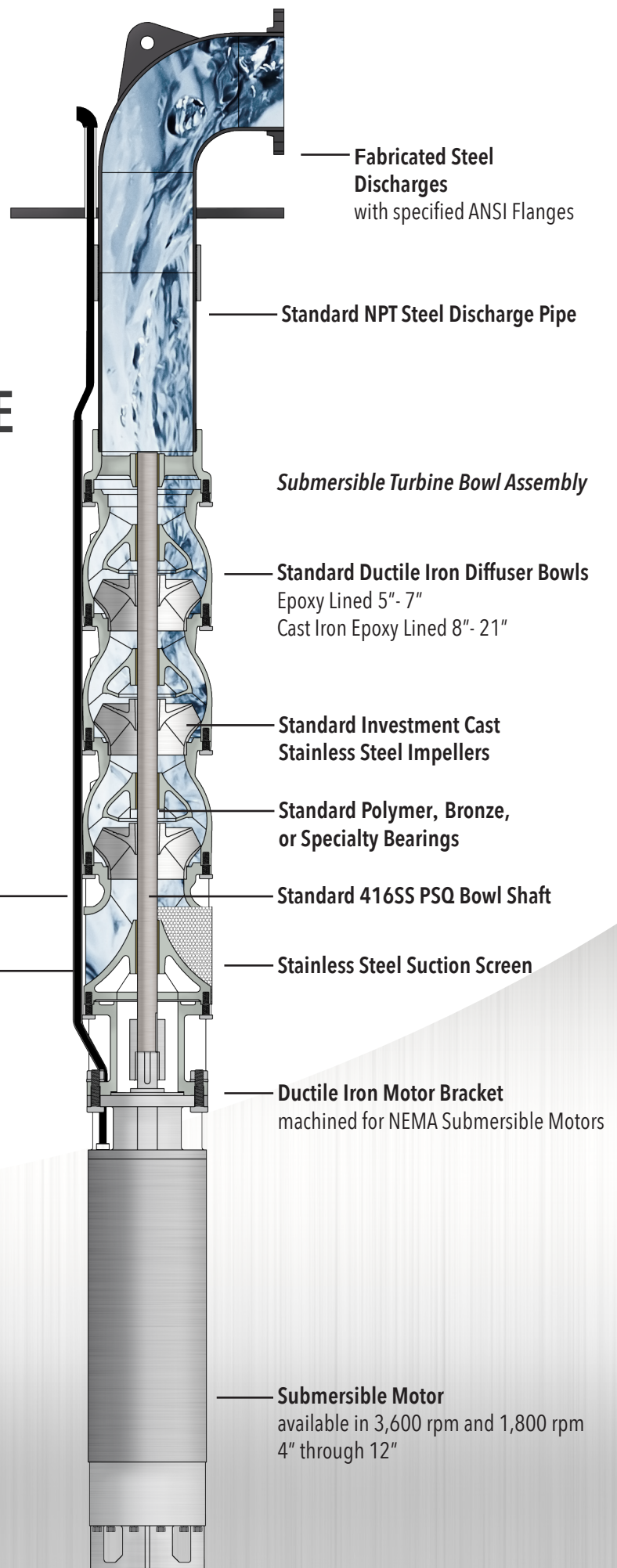
Stainless Steel Cable Guard

Submersible Cable

Available in different coatings and sizes to meet US
National Electric Code

*NP&P offers multiple bearing and bowl shaft
combinations for abrasive and corrosive
conditions.*

*NP&P offers all stainless steel
construction options.*





CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

SERVICE CONDITION:

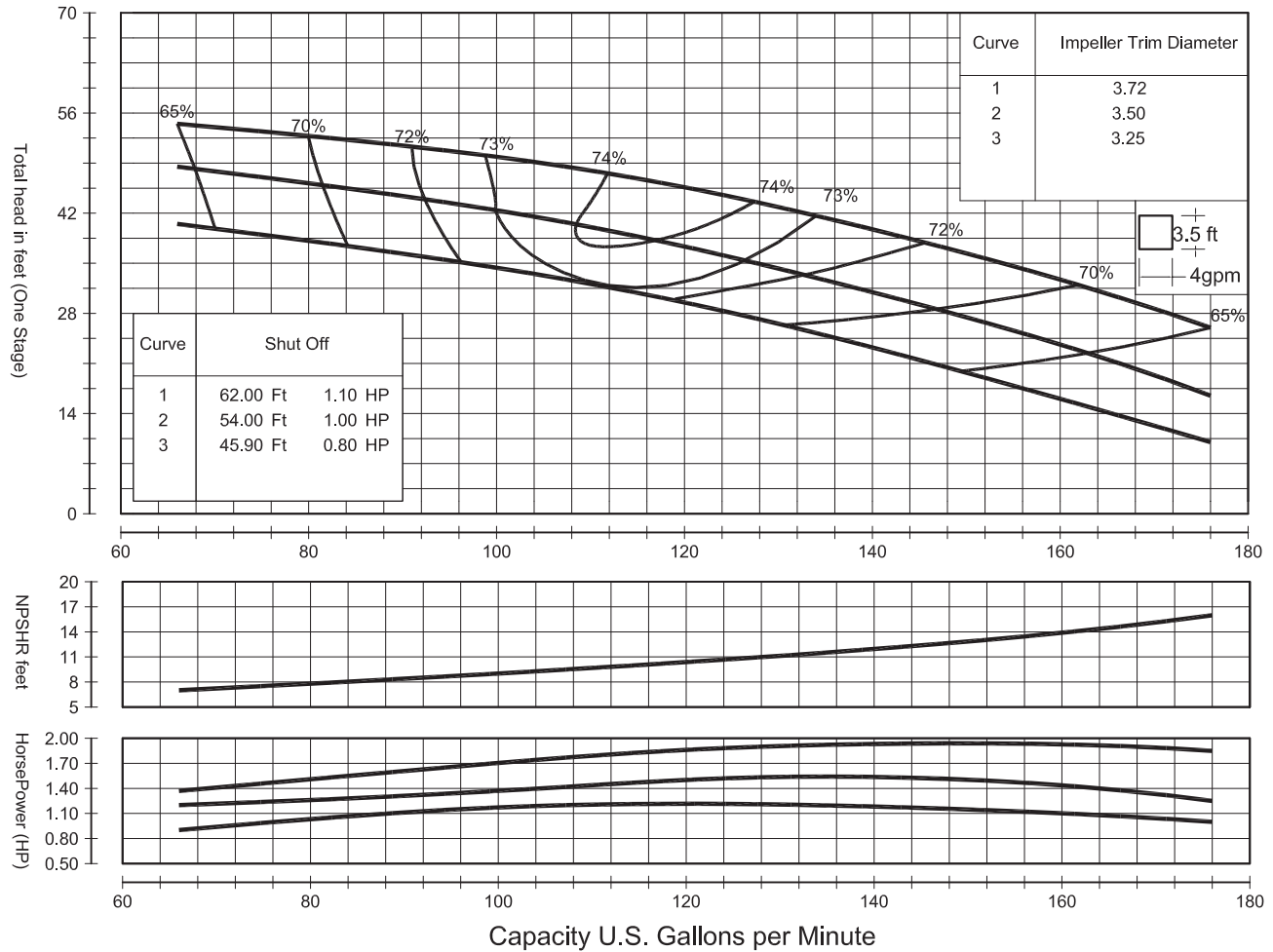
PROJECT:

MODEL

NPP5LL

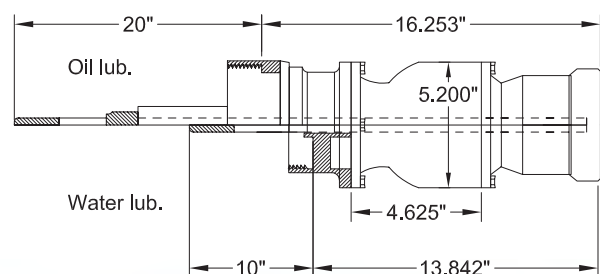
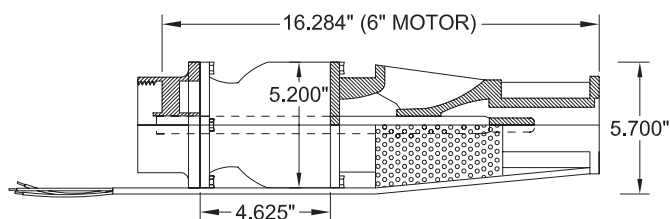
RPM

3450



* Std. Construction: Discharge 3"

Std. Shaft Diameter	1.000"	Impeller WT- LB	2.006	Stages	Efficiency Correction
Max. Shaft Diameter	1.000"	One Stage WR ² LB-FT ²	.030	1	- 4.00
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 3.00
Max. Lateral Setting	.250"	Impeller No.	TCW3412	3	- 1.50
Discharge Sizes	3",4"	Max. Sphere Size	.220	Based Std. Mtl's	- 2.00
Suction Sizes	4"	K-Factor, Max.	1.2	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	42.792	Max. Operating P.S.I	480"		
One Stage Water Lube WT-LB	37.06	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	48.04	Impeller Eye Area IN ²	3.08		
Add. Stage WT- LB	11.70	Specific Speed	2140		



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CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

SERVICE CONDITION:

STAGES

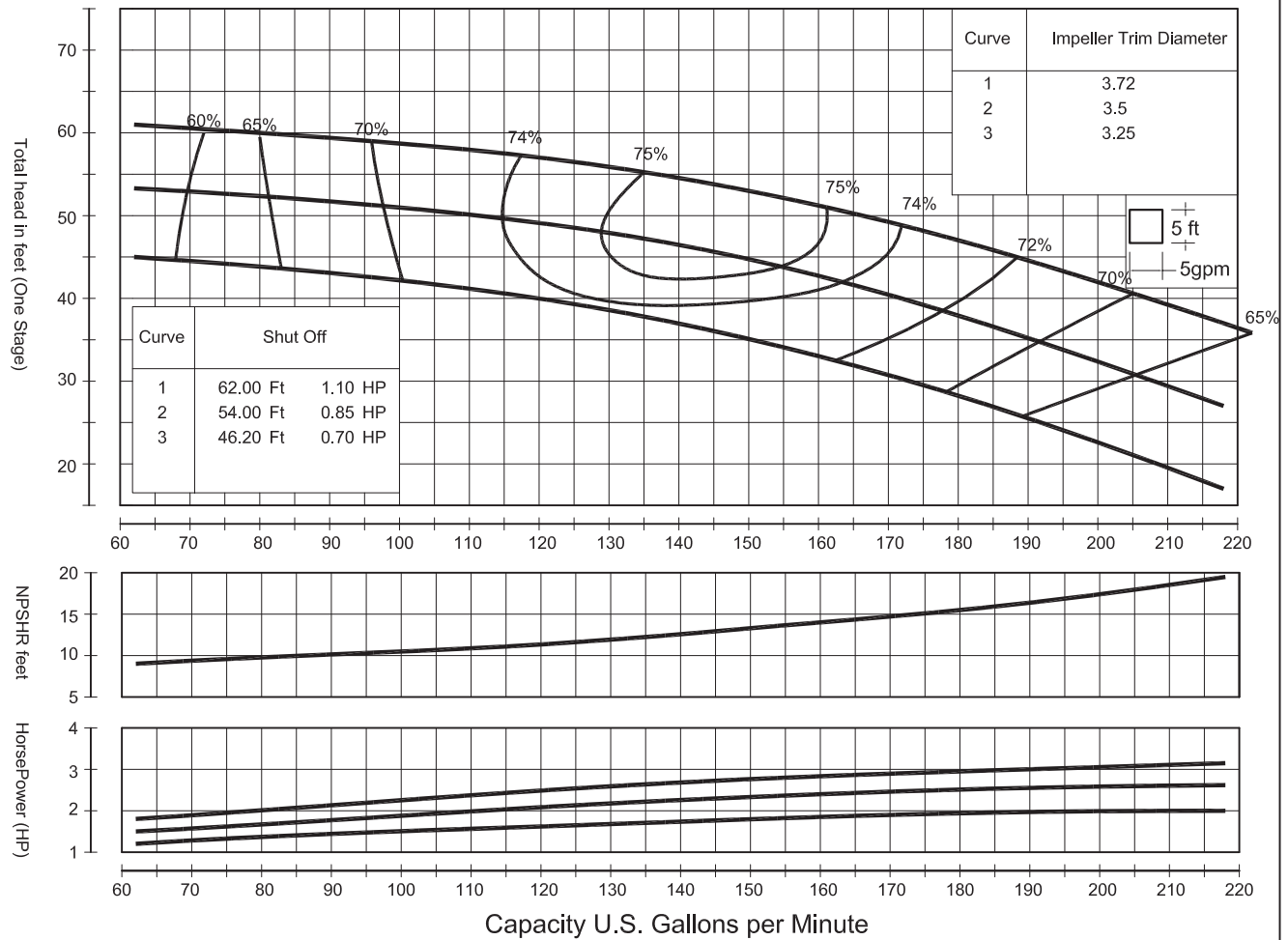
PROJECT:

MODEL

NPP5LH

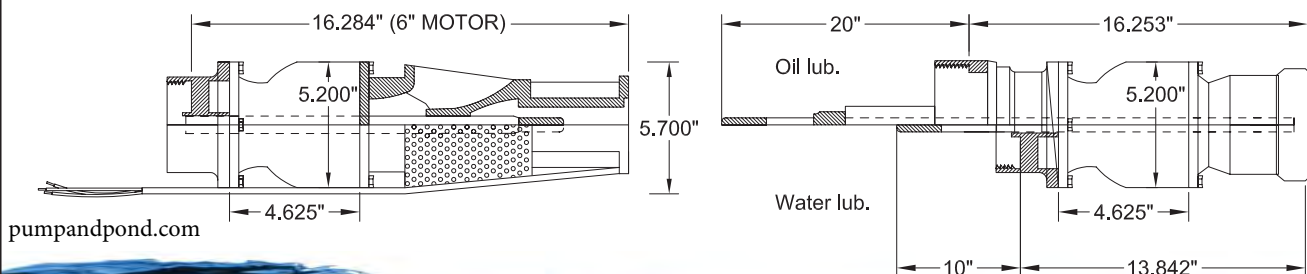
RPM

3450



* Std. Construction: Discharge 3"

Std. Shaft Diameter	1.000"	Impeller WT- LB	2.006	Stages	Efficiency Correction
Max. Shaft Diameter	1.000"	One Stage WR ² LB-FT ²	.030		
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	1	- 4.00
Max. Lateral Setting	.250"	Impeller No.	TCW3422	2	- 3.00
Discharge Sizes	3",4"	Max. Sphere Size	.220"	3	- 1.50
Suction Sizes	4"	K-Factor, Max.	1.2	Based Std. Mtl's	- 1.00
One Stage Subm. WT-LB	42.792	Max. Operating P.S.I	480		
One Stage Water Lube WT-LB	37.06	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	48.04	Impeller Eye Area IN ²	3.08		
Add. Stage WT- LB	11.70	Specific Speed	2182		
Characteristics based upon pumpig clear non-aerated water. Rating point only is guaranteed. Column losses not included.					





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

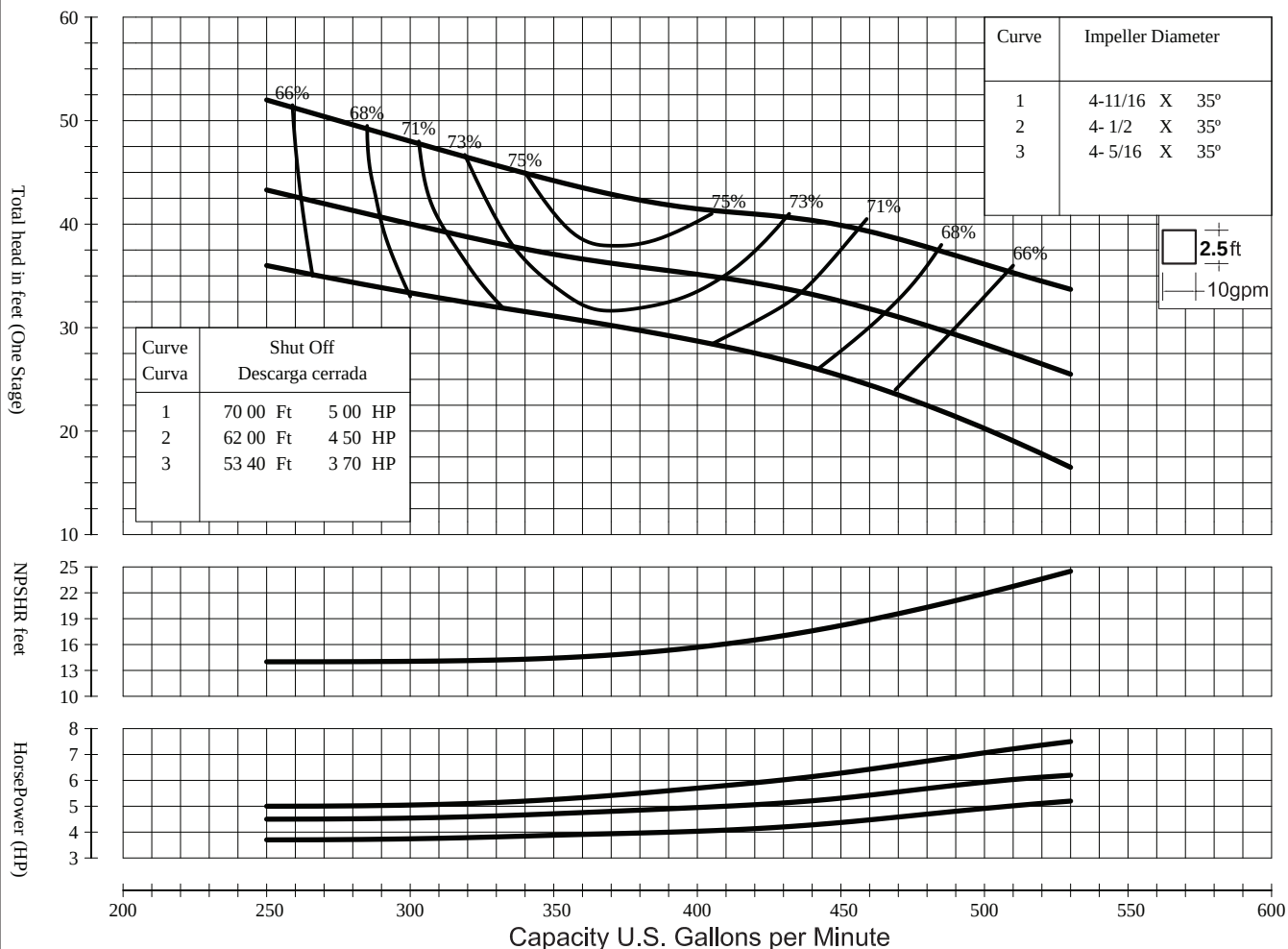
MODEL

NPP6HL

END USER:

PROJECT:

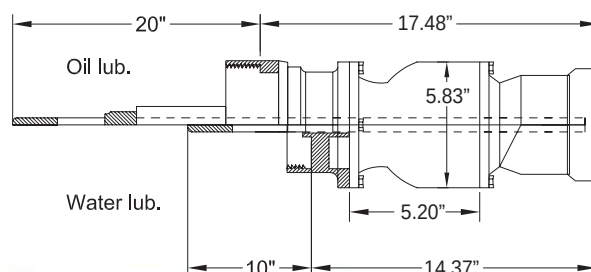
RPM
3450



Std. Shaft Diameter	1.000"	Impeller WT- LB	2.65
Max. Shaft Diameter	1.000"	One Stage WR ² LB-FT ²	N/A
Std. Lateral Setting	.375"	Impeller Type	ENCLOSED
Max. Lateral Setting	.750"	Impeller No.	TCH1423
Discharge Sizes	4"	Max. Sphere Size	.500"
Suction Sizes	4"	K-Factor, Max.	4.1
One Stage Subm. WT-LB	75.0	Max. Operating P.S.I	360
One Stage Water Lube WT-LB	75.0	Min. Submergence	20"
One Stage Oil Lube WT-LB	95.0	Impeller Eye Area IN ²	6.88
Add. Stage WT- LB	15.0	Specific Speed	4060

Stages	Efficiency Correction
1	-4
2	-2
3	-1
4	0

Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

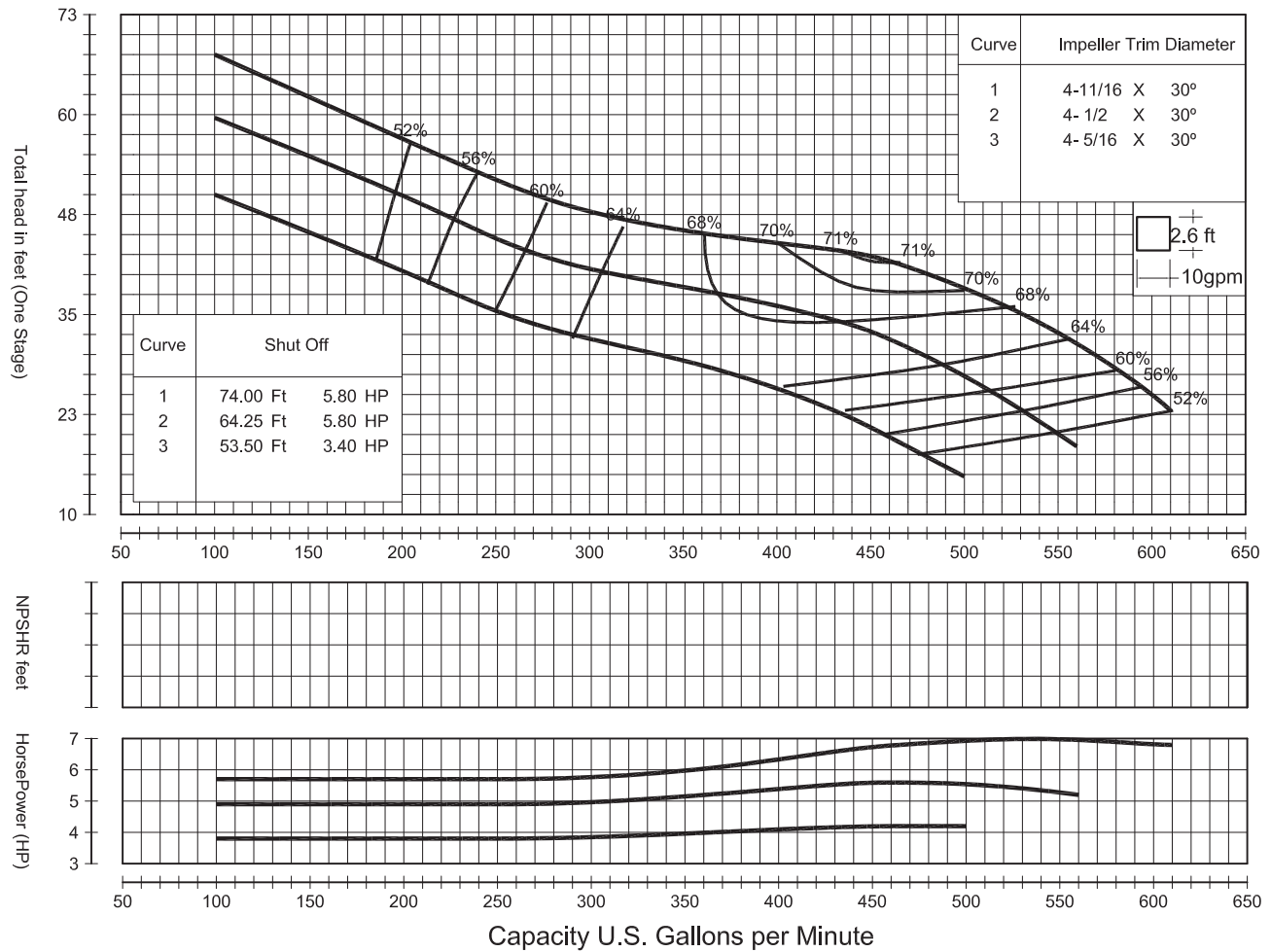
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PROJECT:

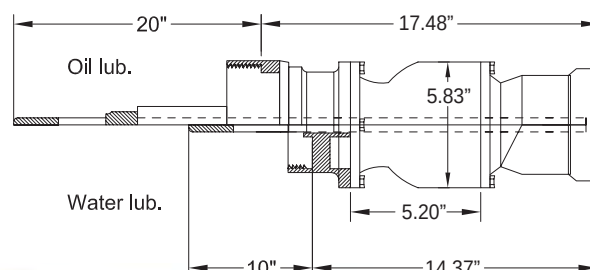
RPM
3450



Std. Shaft Diameter	1.000"	Impeller WT- LB	2.65
Max. Shaft Diameter	1.000"	One Stage WR ² LB-FT ²	N/A
Std. Lateral Setting	.375"	Impeller Type	ENCLOSED
Max. Lateral Setting	.750"	Impeller No.	TCH1423
Discharge Sizes	4"	Max. Sphere Size	.500"
Suction Sizes	4"	K-Factor, Max.	4.1
One Stage Subm. WT-LB	75.0	Max. Operating P.S.I	360
One Stage Water Lube WT-LB	75.0	Min. Submergence	20"
One Stage Oil Lube WT-LB	95.0	Impeller Eye Area IN ²	6.88
Add. Stage WT- LB	15.0	Specific Speed	4060

Stages	Efficiency Correction
1	-4
2	-2
3	-1
4	0

Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

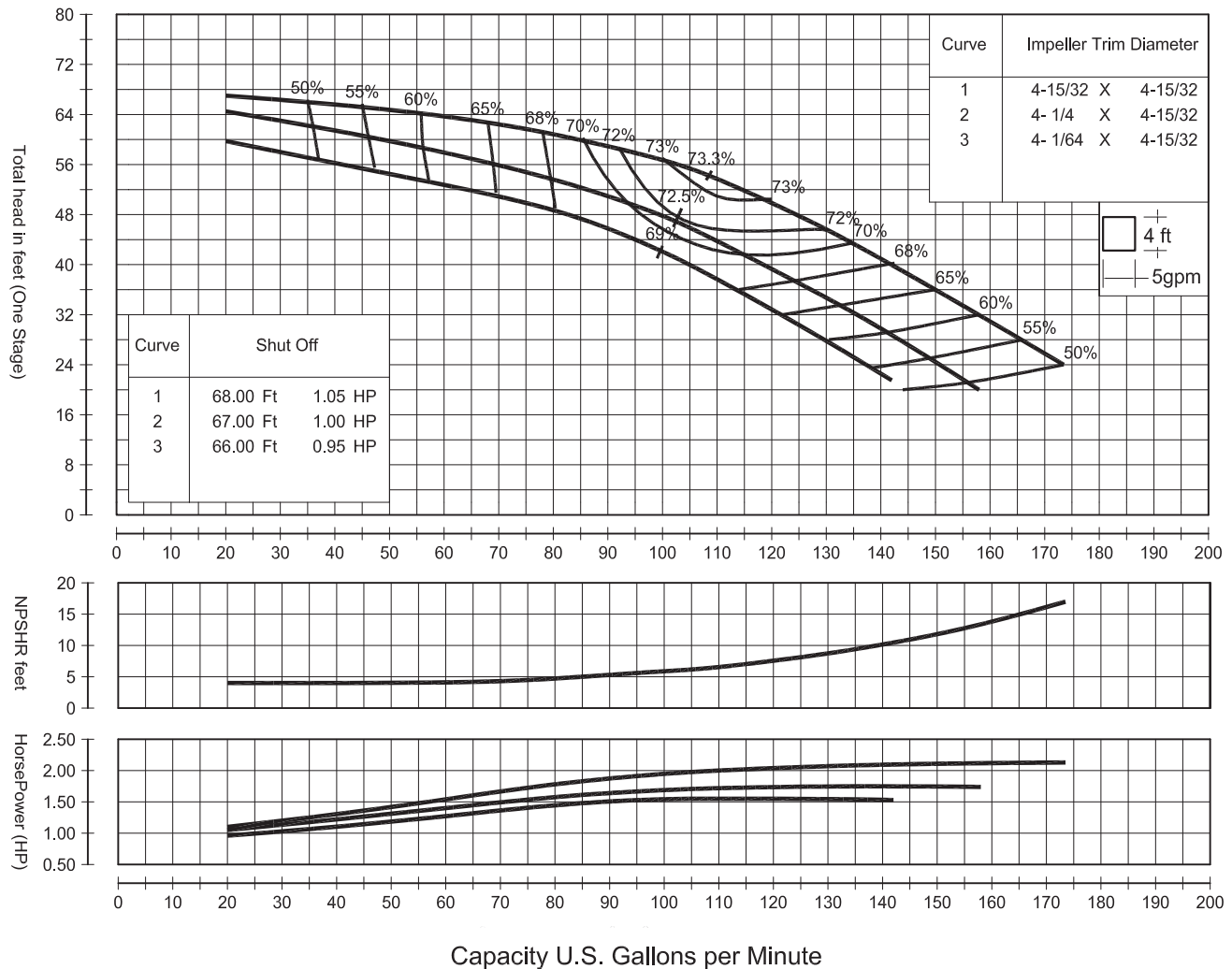
MODEL

NPP6LL

END USER:

PROJECT:

RPM
3450

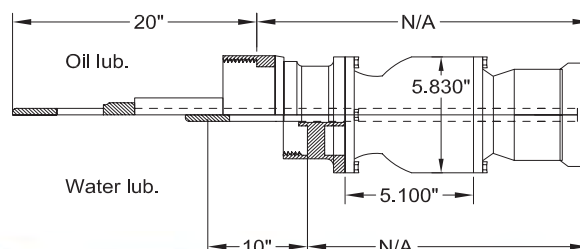


CHARACTERISTICS BASED UPON PUMPING CLEAR, NON-AERATED WATER RATING POINT ONLY IS GUARANTEED COLUMN LOSSES NOT INCLUDED

Std. Shaft Diameter	.750"	Impeller WT- LB	2.200
Max. Shaft Diameter	.875"	One Stage WR ² LB-FT ²	5.850
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED
Max. Lateral Setting	.750"	Impeller No.	TCL1413
Discharge Sizes	4"	Max. Sphere Size	.250"
Suction Sizes	4"	K-Factor, Max.	1.5
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	627
One Stage Water Lube WT-LB	N/A	Min. Submergence	9"
One Stage Oil Lube WT-LB	N/A	Impeller Eye Area IN ²	3.375
Add. Stage WT- LB	N/A	Specific Speed	N/A

Stages	Efficiency Correction
1	- 4.00
2	- 3.00
3	- 2.00
4	- 1.00
Based Std. Mt's	- 3.00

Characteristics based upon pump clear, non-aerated water. Rating point only is guaranteed. Column losses not included.





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

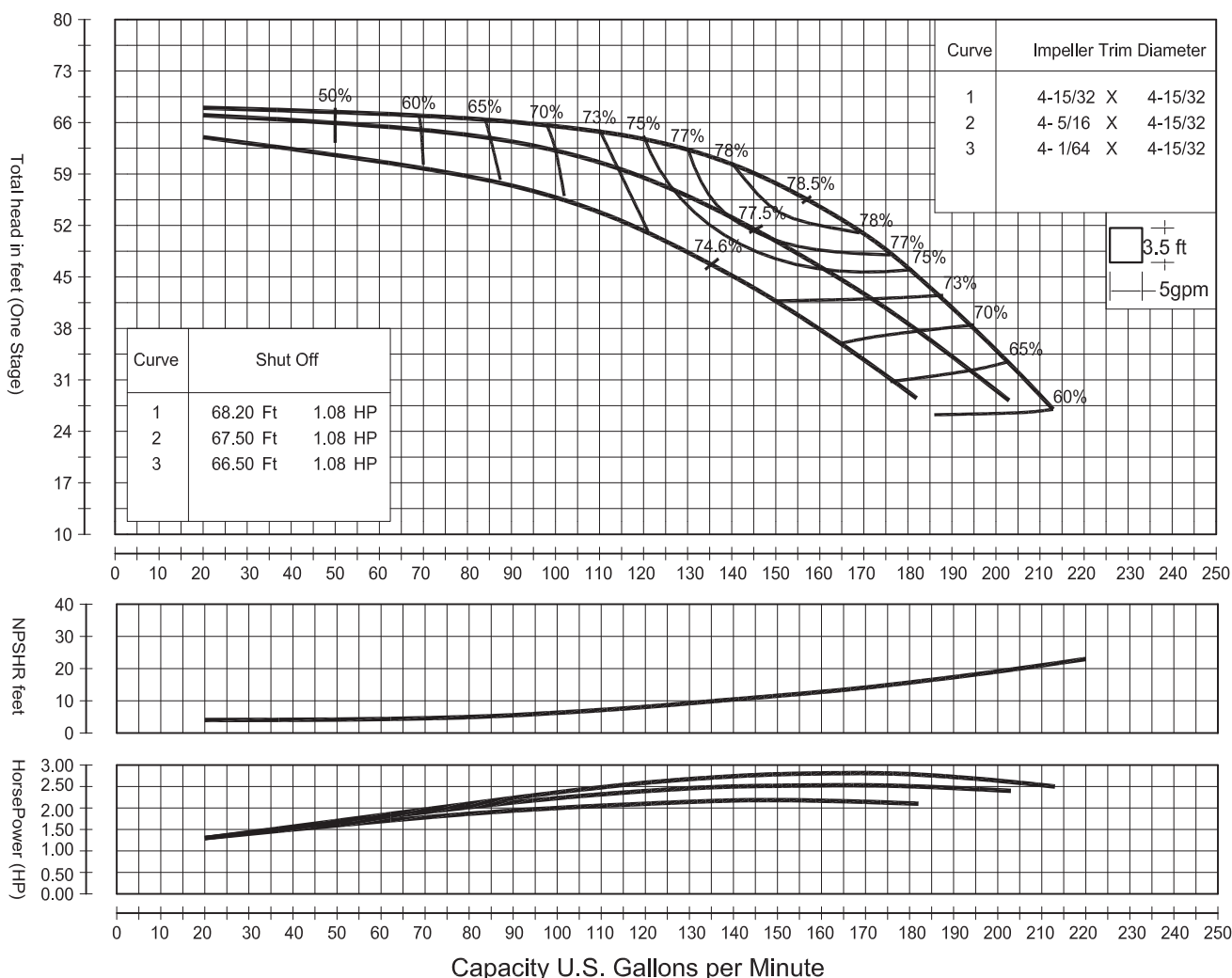
MODEL

NPP6LM

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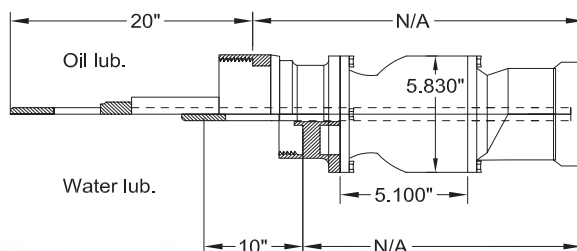
PROJECT:

RPM
3450



CHARACTERISTICS BASED UPON PUMPING CLEAR, NON-AERATED WATER RATING POINT ONLY IS GUARANTEED COLUMN LOSSES NOT INCLUDED

Std. Shaft Diameter	.750"	Impeller WT- LB	N/A	Stages	Efficiency Correction
Max. Shaft Diameter	.875"	One Stage WR ² LB-FT ²	5.850	1	- 4.00
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 3.00
Max. Lateral Setting	.750"	Impeller No.	TCL1423	3	- 2.50
Discharge Sizes	4"	Max. Sphere Size	.125"	4	- 2.00
Suction Sizes	4"	K-Factor, Max.	1.5	Based Std. Mt's	- 3.00
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	627	Characteristics based upon pumpg clear, non-aerated water. Rating point only is guaranteed. Column losses not Included.	
One Stage Water Lube WT-LB	N/A	Min. Submergence	9"		
One Stage Oil Lube WT-LB	N/A	Impeller Eye Area IN ²	3.375		
Add. Stage WT- LB	N/A	Specific Speed	N/A		





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

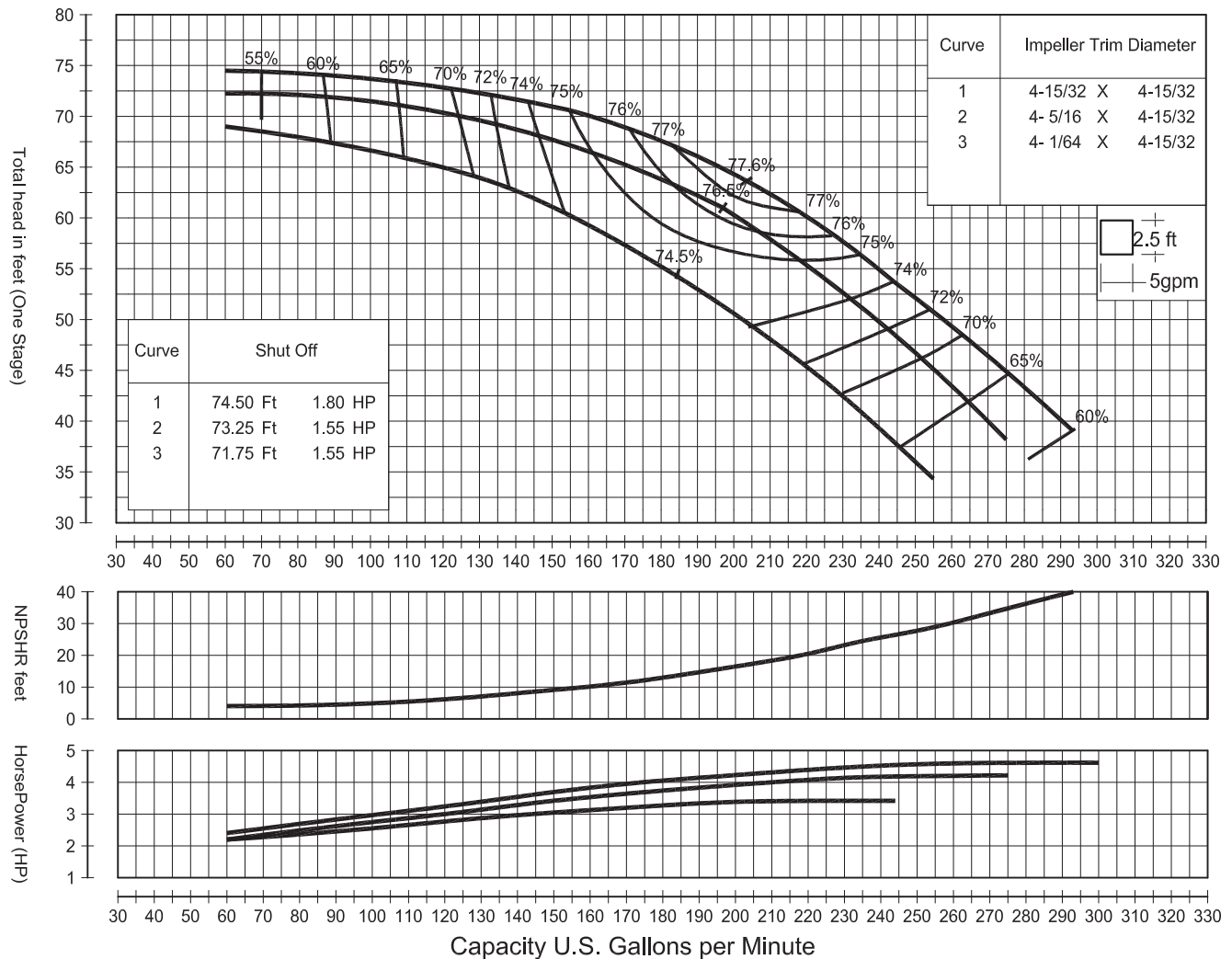
MODEL

NPP6LH

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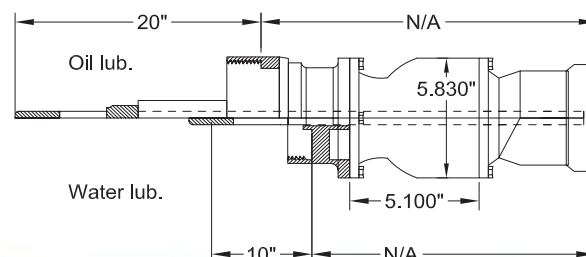
PROJECT:

RPM
3450



CHARACTERISTICS BASED UPON PUMPING CLEAR, NON-AERATED WATER RATING POINT ONLY IS GUARANTEED COLUMN LOSSES NOT INCLUDED

Std. Shaft Diameter	.750"	Impeller WT- LB	2.860	Stages	Efficiency Correction
Max. Shaft Diameter	.875"	One Stage WR ² LB-FT ²	5.850	1	- 4.00
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 3.00
Max. Lateral Setting	.750"	Impeller No.	TCL1433	3	- 2.50
Discharge Sizes	4"	Max. Sphere Size	.125"	4	- 2.00
Suction Sizes	4"	K-Factor, Max.	1.5	Based Std. Mit's	- 3.00
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	627	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Water Lube WT-LB	N/A	Min. Submergence	9"		
One Stage Oil Lube WT-LB	N/A	Impeller Eye Area IN ²	3.375		
Add. Stage WT- LB	N/A	Specific Speed	N/A		





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

MODEL

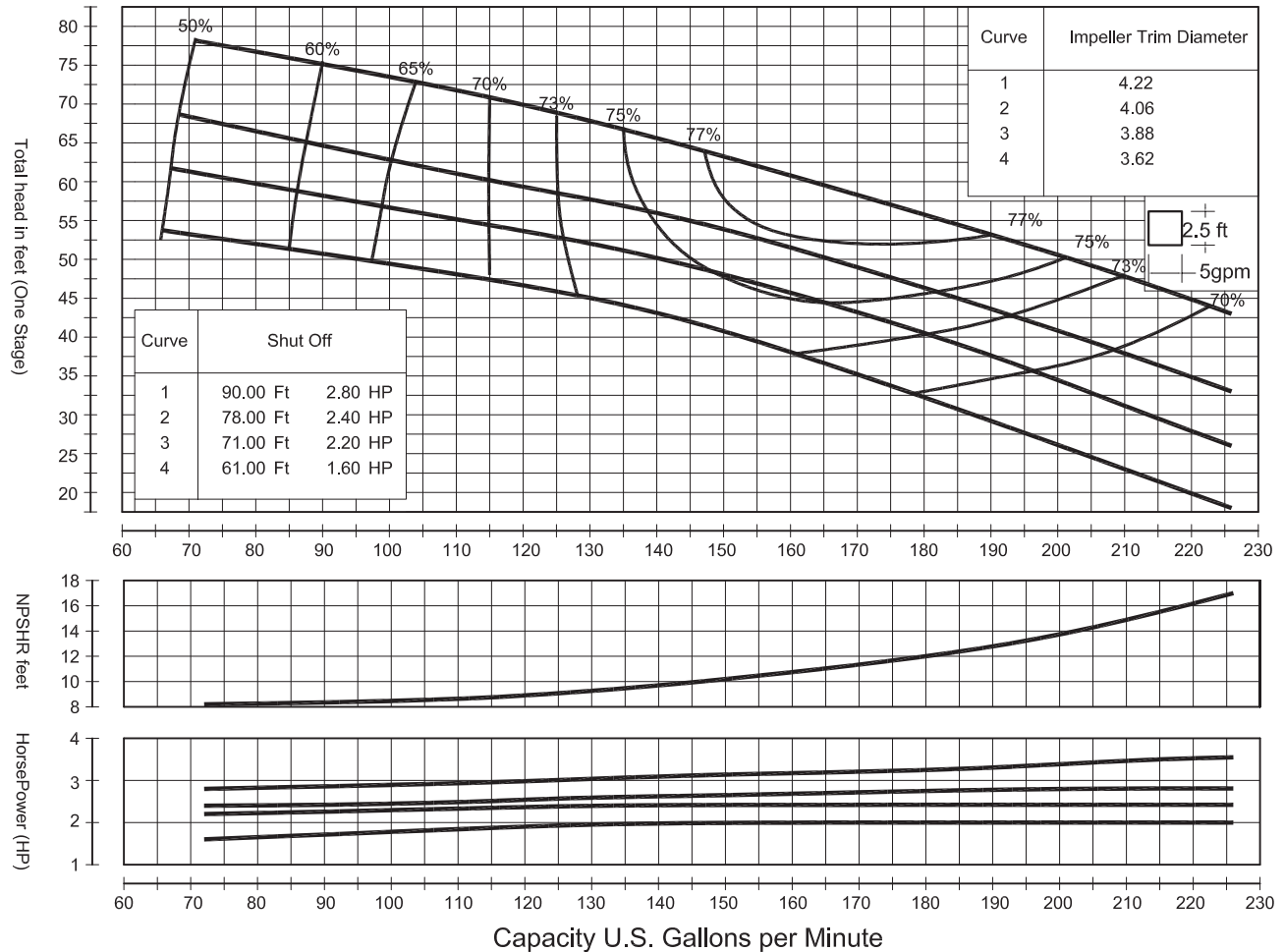
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END USER:

PROJECT:

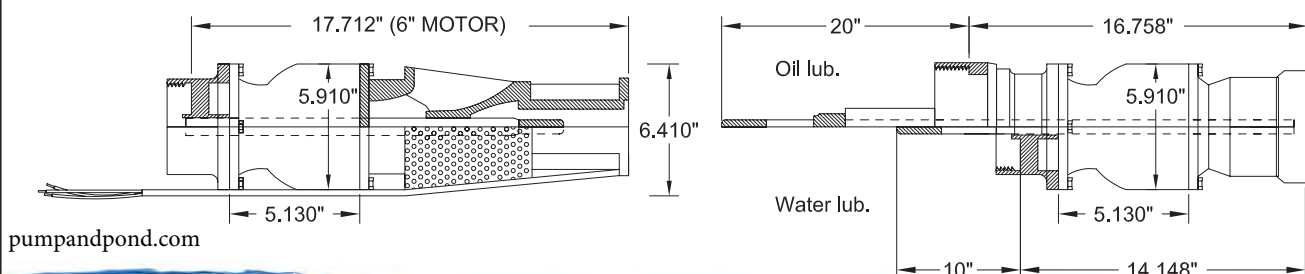
RPM
3450

Curve No. TCW5013 - 2005



* Std. Construction: Discharge 4"

Std. Shaft Diameter	1.000"	Impeller WT- LB	2.315	Stages	Efficiency Correction
Max. Shaft Diameter	1.000"	One Stage WR ² LB-FT ²	.070	1	- 3.00
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 2.00
Max. Lateral Setting	.250"	Impeller No.	TCW1413	3	- 0.50
Discharge Sizes	3",4"	Max. Sphere Size	.220"	Based Std. Mt'l's	- 2.00
Suction Sizes	4"	K-Factor, Max.	2.1	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	47.289	Max. Operating P.S.I	420		
One Stage Water Lube WT-LB	41.557	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	52.520	Impeller Eye Area IN ²	4.050		
Add. Stage WT- LB	15.102	Specific Speed	2100		





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

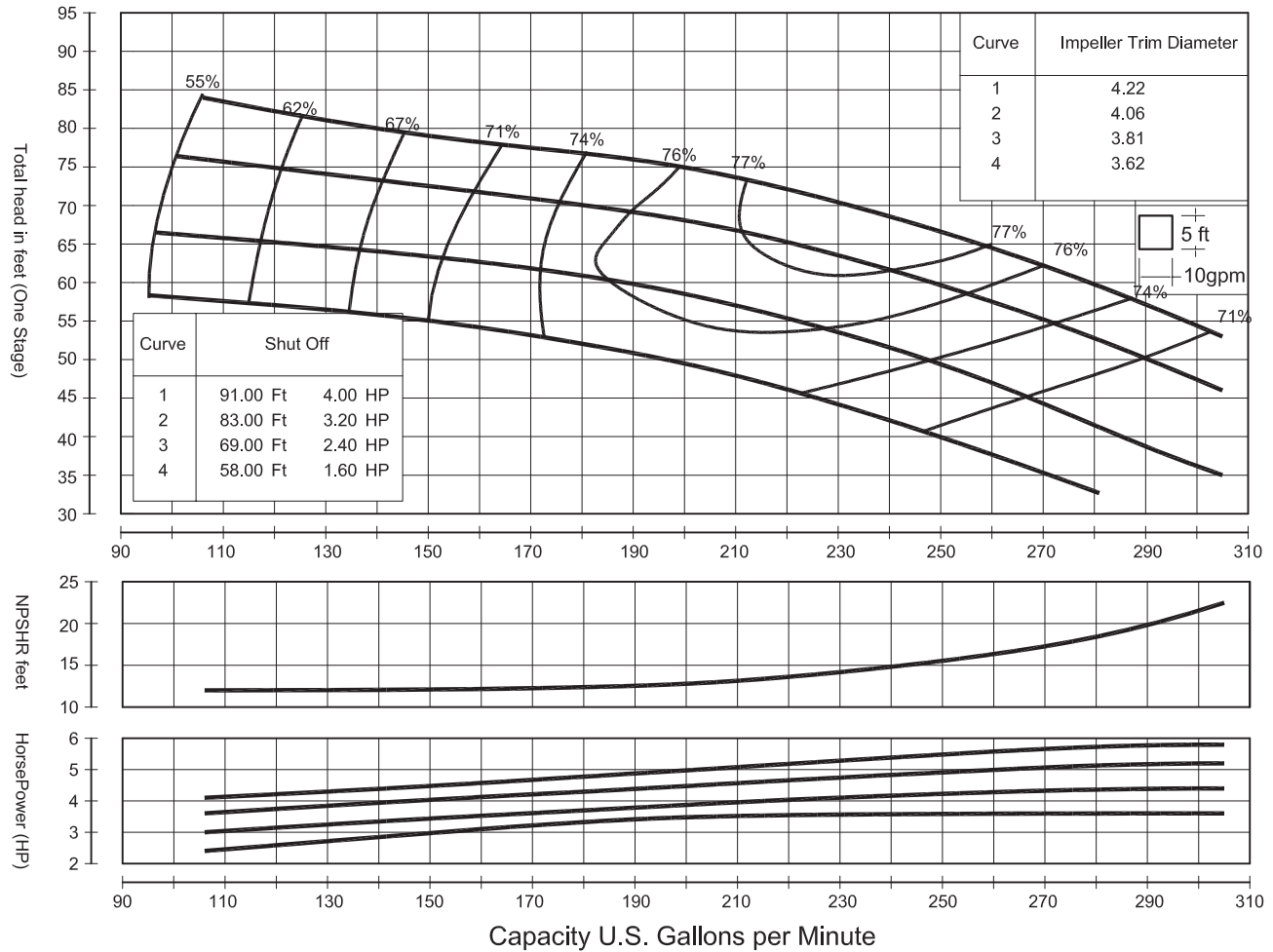
MODEL

NPP6MH

END USER:

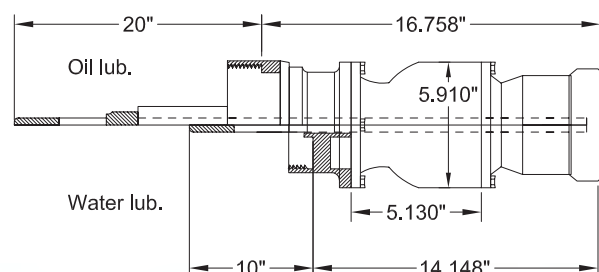
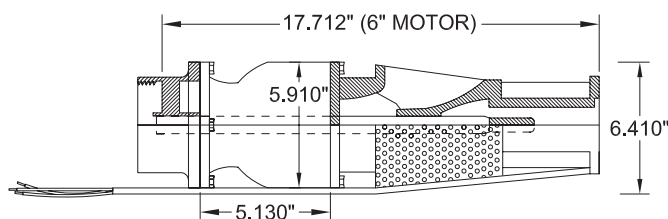
PROJECT:

RPM
3450



* Std. Construction: Discharge 4"

Std. Shaft Diameter	1.000"	Impeller WT- LB	2.315	Stages	Efficiency Correction
Max. Shaft Diameter	1.000"	One Stage WR ² LB-FT ²	.070	1	- 3.00
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 2.00
Max. Lateral Setting	.250"	Impeller No.	TCW1423	3	- 0.50
Discharge Sizes	3",4"	Max. Sphere Size	.220"	Based Std. Mtl's	- 2.00
Suction Sizes	4"	K-Factor, Max.	2.1	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	47.289	Max. Operating P.S.I	420		
One Stage Water Lube WT-LB	41.557	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	52.520	Impeller Eye Area IN ²	4.050		
Add. Stage WT- LB	15.102	Specific Speed	2160		



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

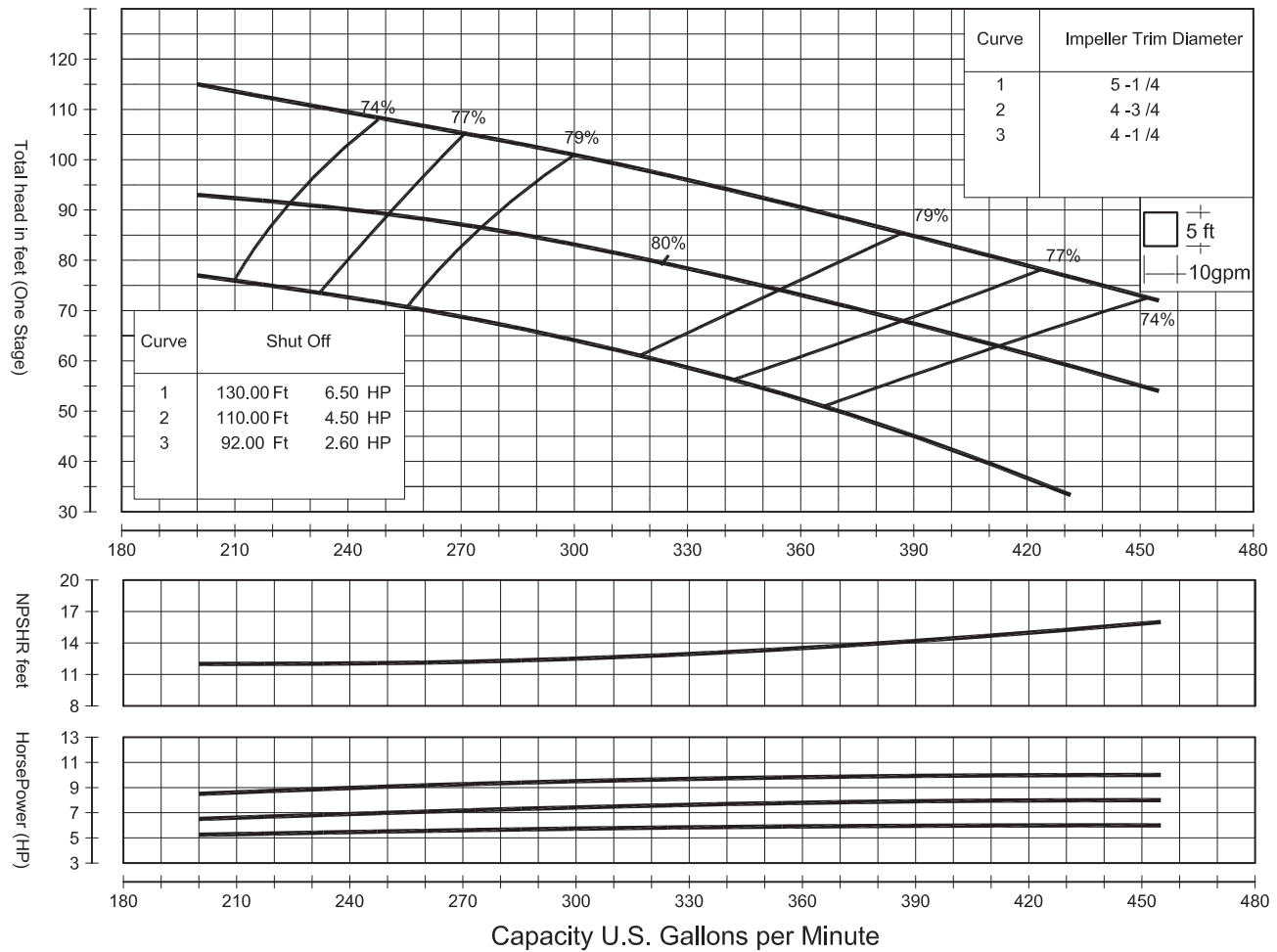
MODEL

NPP7HL

END USER:

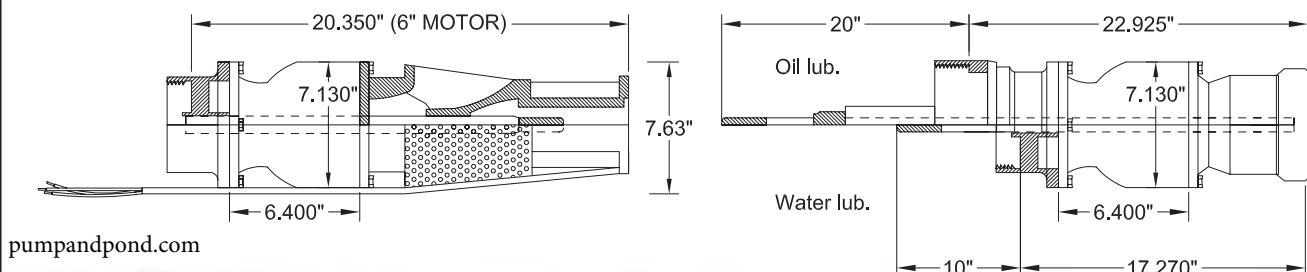
PROJECT:

RPM
3450



* Std. Construction: Discharge 4"

Std. Shaft Diameter	1.188"	Impeller WT- LB	3.109	Stages	Efficiency Correction
Max. Shaft Diameter	1.188"	One Stage WR ² LB-FT ²	.140	1	- 3.00
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 1.00
Max. Lateral Setting	.500"	Impeller No.	TCW3413	Based Std. Mtl's	- 3.00
Discharge Sizes	4",6"	Max. Sphere Size	.430"	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
Suction Sizes	6"	K-Factor, Max.	3.5		
One Stage Subm. WT-LB	71.011	Max. Operating P.S.I	415		
One Stage Water Lube WT-LB	66.602	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	80.711	Impeller Eye Area IN ²	7.54		
Add. Stage WT- LB	26.918	Specific Speed	2183		





CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

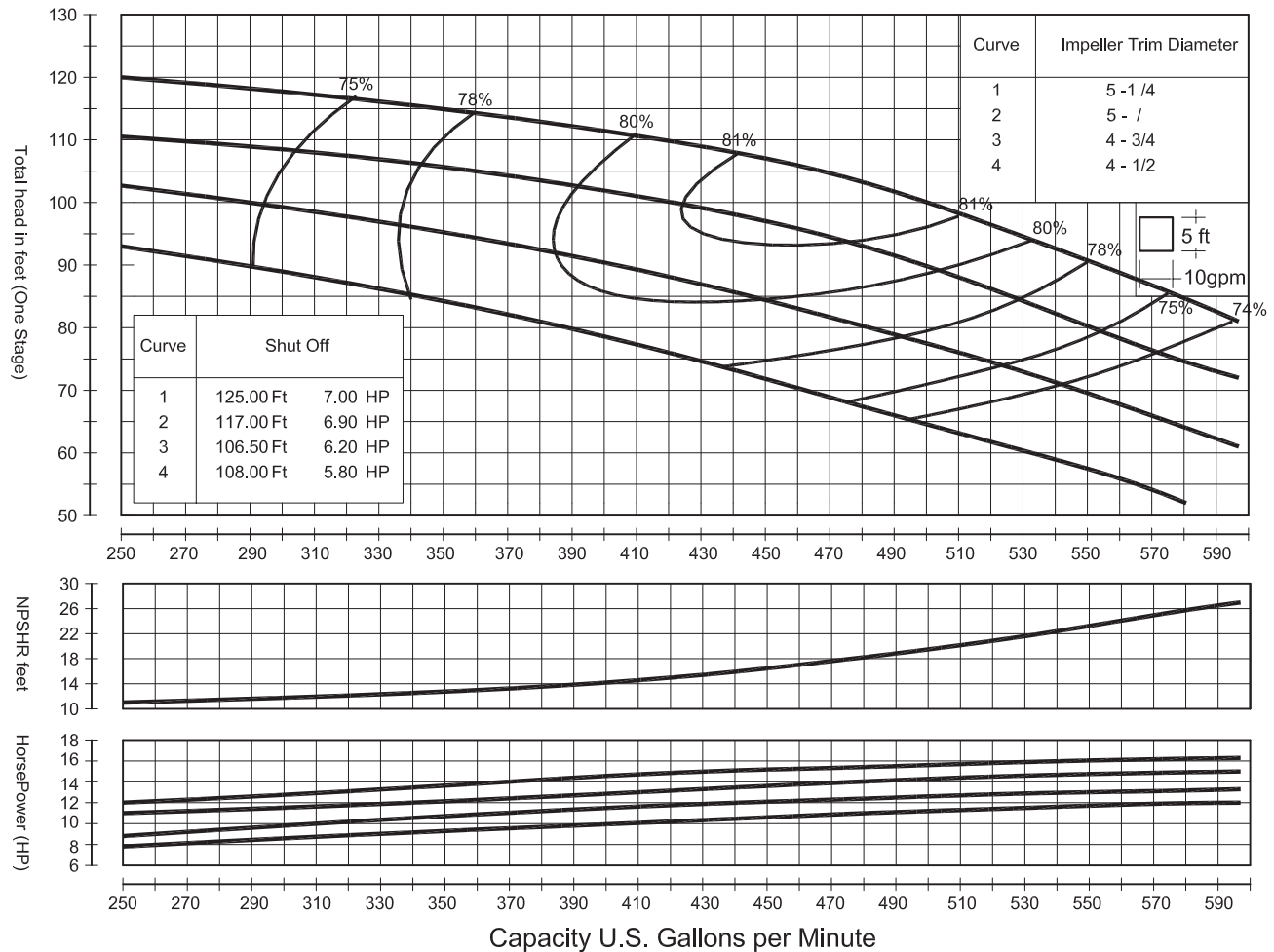
SERVICE CONDITION:

STAGES

PROJECT:

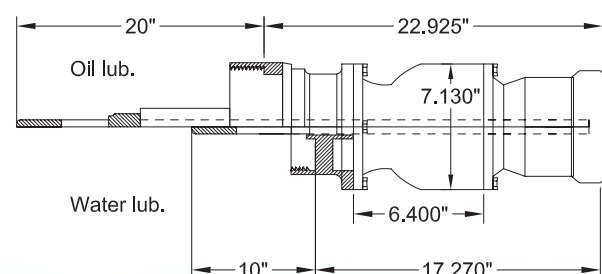
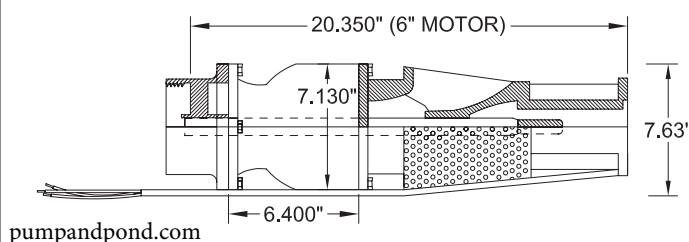
MODEL
NPP7HH

RPM
3450



* Std. Construction: Discharge 4"

Std. Shaft Diameter	1.188"	Impeller WT- LB	3.109	Stages	Efficiency Correction
Max. Shaft Diameter	1.188"	One Stage WR ² LB-FT ²	.140	1	- 3.00
Std. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 1.00
Max. Lateral Setting	.500"	Impeller No.	TCW3423	Based Std. Mtl's	- 3.00
Discharge Sizes	4",6"	Max. Sphere Size	.430"	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
Suction Sizes	6"	K-Factor, Max.	3.5		
One Stage Subm. WT-LB	71.011	Max. Operating P.S.I	415		
One Stage Water Lube WT-LB	66.602	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	80.711	Impeller Eye Area IN ²	7.54		
Add. Stage WT- LB	26.918	Specific Speed	2300		





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

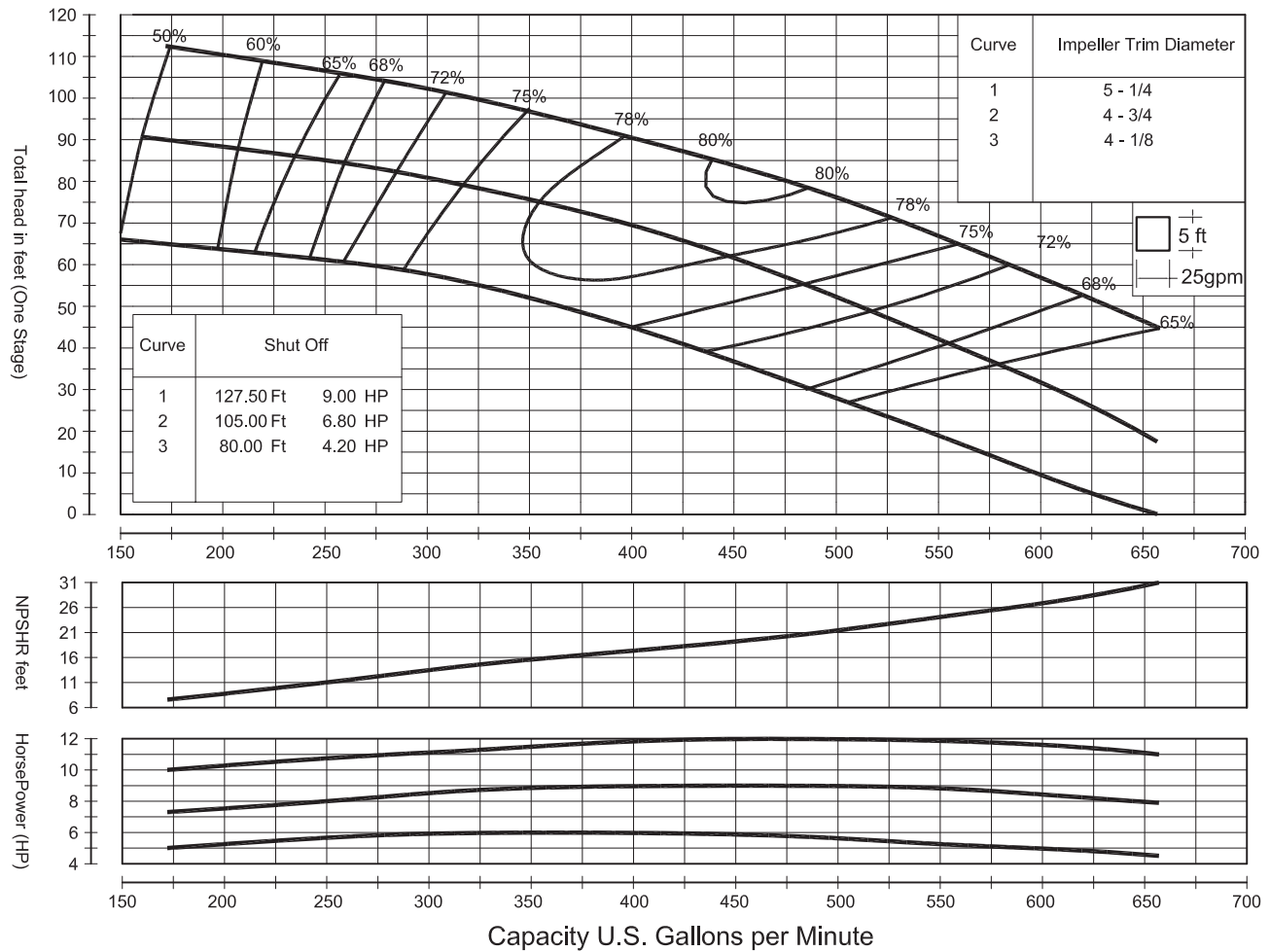
MODEL

NPP8ML

END USER:

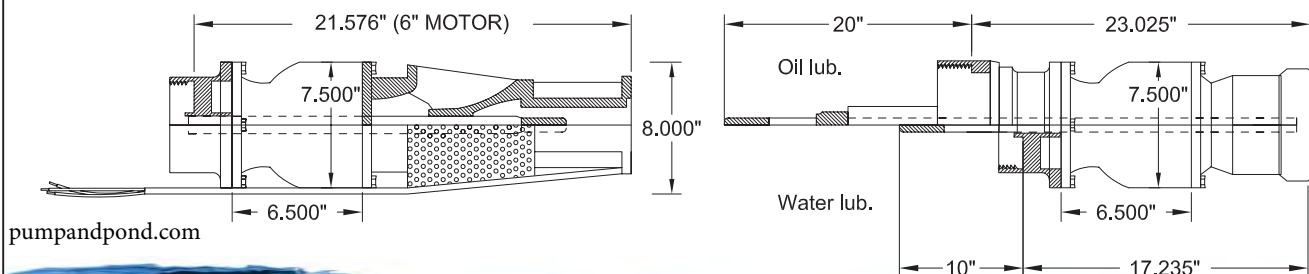
PROJECT:

RPM
3450



* Std. Construction: Discharge 4"

Std. Shaft Diameter	1.188"	Impeller WT- LB	5.710	Stages	Efficiency Correction
Max. Shaft Diameter	1.188"	One Stage WR ² LB-FT ²	.290	Based Std. Mt'l's	- 2.00
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED		
Max. Lateral Setting	.620"	Impeller No.	TCW1414		
Discharge Sizes	4",6"	Max. Sphere Size	.430"		
Suction Sizes	6"	K-Factor, Max.	4.00	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	77.581	Max. Operating P.S.I	425		
One Stage Water Lube WT-LB	73.171	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	87.281	Impeller Eye Area IN ²	8.510		
Add. Stage WT- LB	31.725	Specific Speed	2699		



FLOATING PUMP STATION

Simple. Portable.

*ROCK QUARRY, MINING,
& RETENTION POND APPLICATIONS*

Seal Flush Water

Wash Down Stations

Water Transfer

Irrigation Supply Water

Cooling Water Supply

- Low Volume High Head & High Volume Low Head Designs available
- 5hp to 15hp Assemblies In Stock, Larger Units Available
- Single Phase and Three Phase Options
- Clean Water Intake Design with Internal Flow Sleeve for Cooling & Long Life
- Multiple Discharge Configurations, above and below water surface options
- Removable waterproof plug on power lead for ease of installation, transport & maintenance



GE Control Panels







CONTRACTOR:

ENGINEER:

GPM

TDH

HP

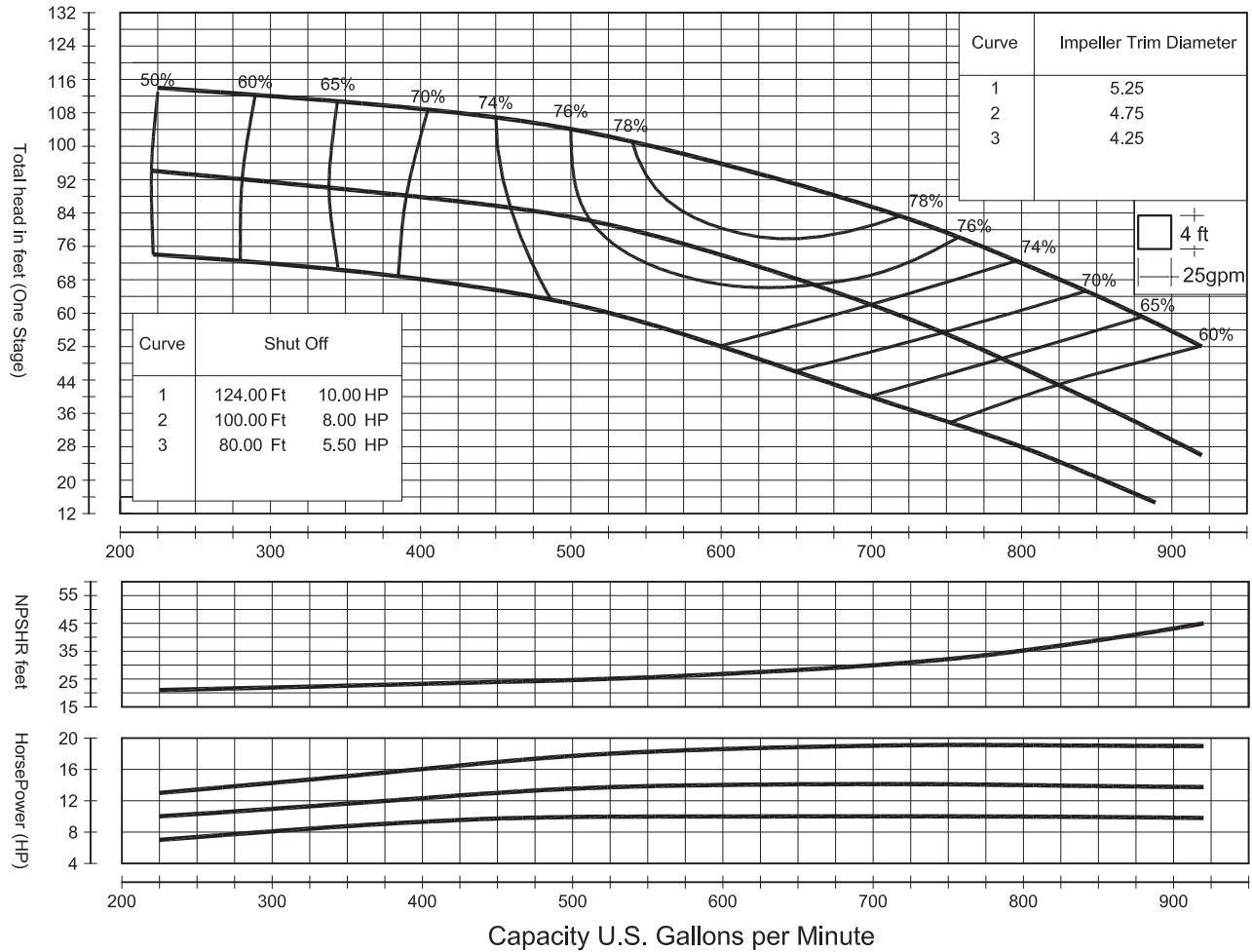
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MODEL
NPP8MH

END USER:

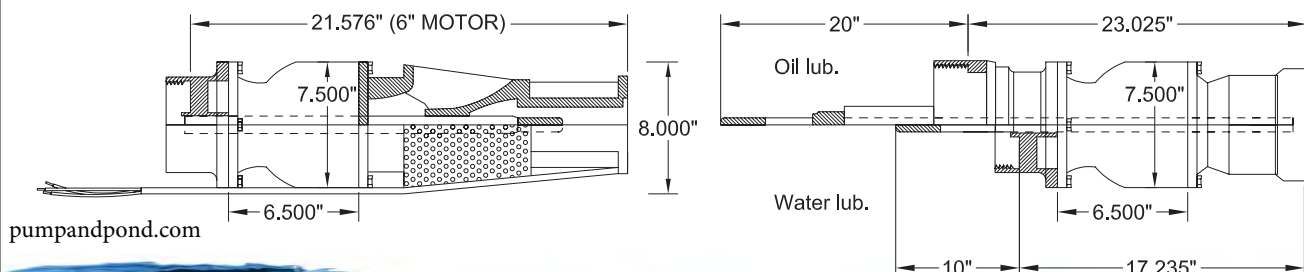
PROJECT:

RPM
3450



* Std. Construction: Discharge 4"

Std. Shaft Diameter	1.188"	Impeller WT- LB	5.710	Stages	Efficiency Correction
Max. Shaft Diameter	1.188"	One Stage WR ² LB-FT ²	.290		
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED		
Max. Lateral Setting	.620"	Impeller No.	TCW1424		
Discharge Sizes	4",6"	Max. Sphere Size	.430"		
Suction Sizes	6"	K-Factor, Max.	4.00		
One Stage Subm. WT-LB	77.581	Max. Operating P.S.I	425	Based Std. Mtl's	- 2.00
One Stage Water Lube WT-LB	73.171	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	87.281	Impeller Eye Area IN ²	8.510		
Add. Stage WT- LB	31.725	Specific Speed	2849		





CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

SERVICE CONDITION:

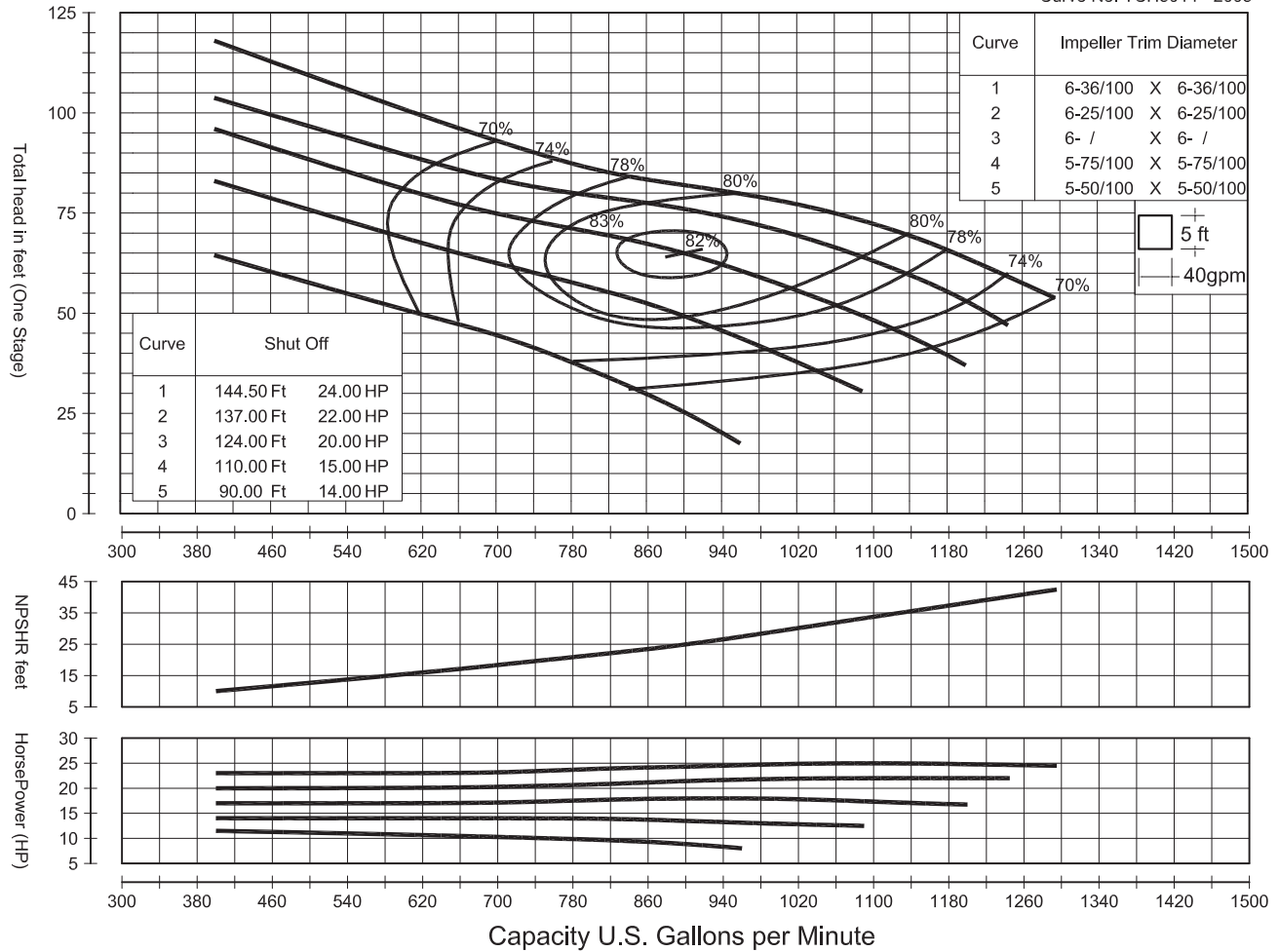
STAGES

PROJECT:

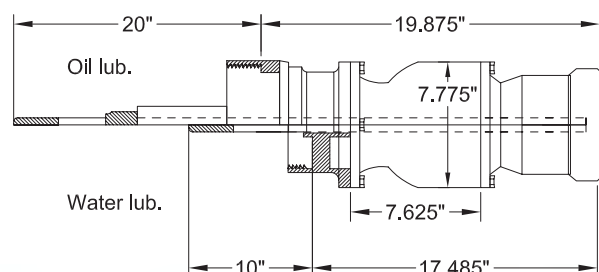
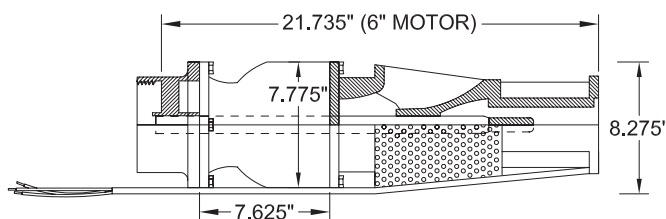
MODEL
NPP8HH

RPM
3450

Curve No. TCH5014 - 2005



Std. Shaft Diameter	1.188"	Impeller WT- LB	5.291	Stages	Efficiency Correction
Max. Shaft Diameter	1.188"	One Stage WR ² LB-FT ²	N/A	1	- 3.00
Std. Lateral Setting	.375"	Impeller Type	ENCLOSED	2	- 2.00
Max. Lateral Setting	.500"	Impeller No.	TCH1414	3	- 1.00
Discharge Sizes	6"	Max. Sphere Size	1.125"	Based Std. Mtl's	- 3.00
Suction Sizes	6"	K-Factor, Max.	8	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	692		
One Stage Water Lube WT-LB	88.405	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	102.51	Impeller Eye Area IN ²	15.9		
Add. Stage WT- LB	32.187	Specific Speed	N/A		



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

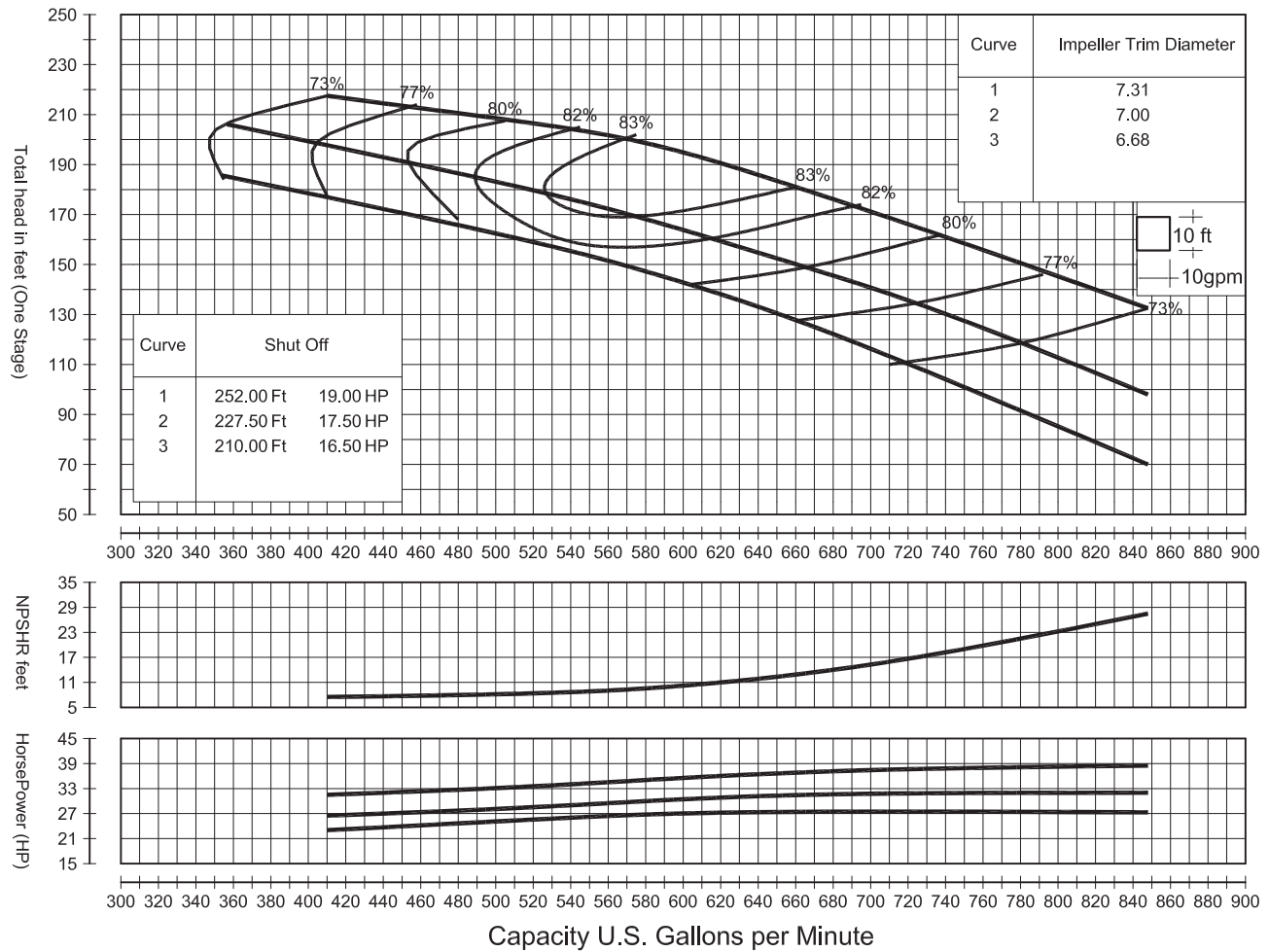
EFFIC.

MODEL
NPP9ML

END USER:

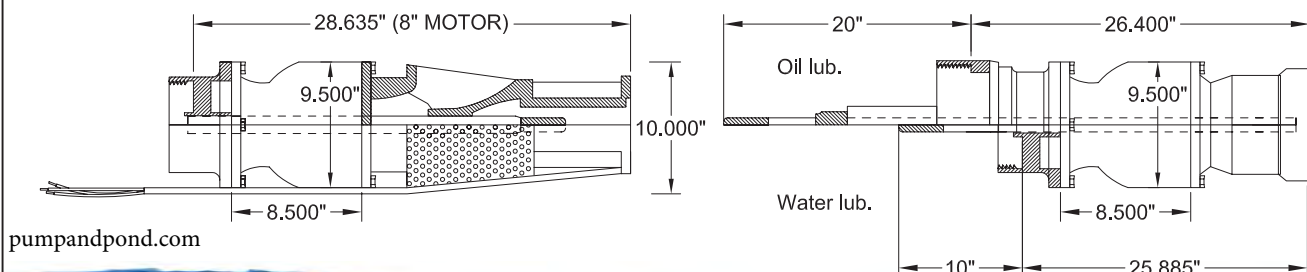
PROJECT:

RPM
3450



* Std. Construction: Discharge 6"

Std. Shaft Diameter	1.500"	Impeller WT- LB	7.011	Stages	Efficiency Correction
Max. Shaft Diameter	1.500"	One Stage WR ² LB-FT ²	.330	1	- 3.00
Std. Lateral Setting	.630"	Impeller Type	ENCLOSED	2	- 2.00
Max. Lateral Setting	.880"	Impeller No.	TCW3434	3	- 1.00
Discharge Sizes	6",8"	Max. Sphere Size	N/A	Based Std. Mtl's	- 2.00
Suction Sizes	6"	K-Factor, Max.	4.60	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	166.62	Max. Operating P.S.I	375		
One Stage Water Lube WT-LB	155.60	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	169.71	Impeller Eye Area IN ²	12.560		
Add. Stage WT- LB	53.308	Specific Speed	1700		





CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

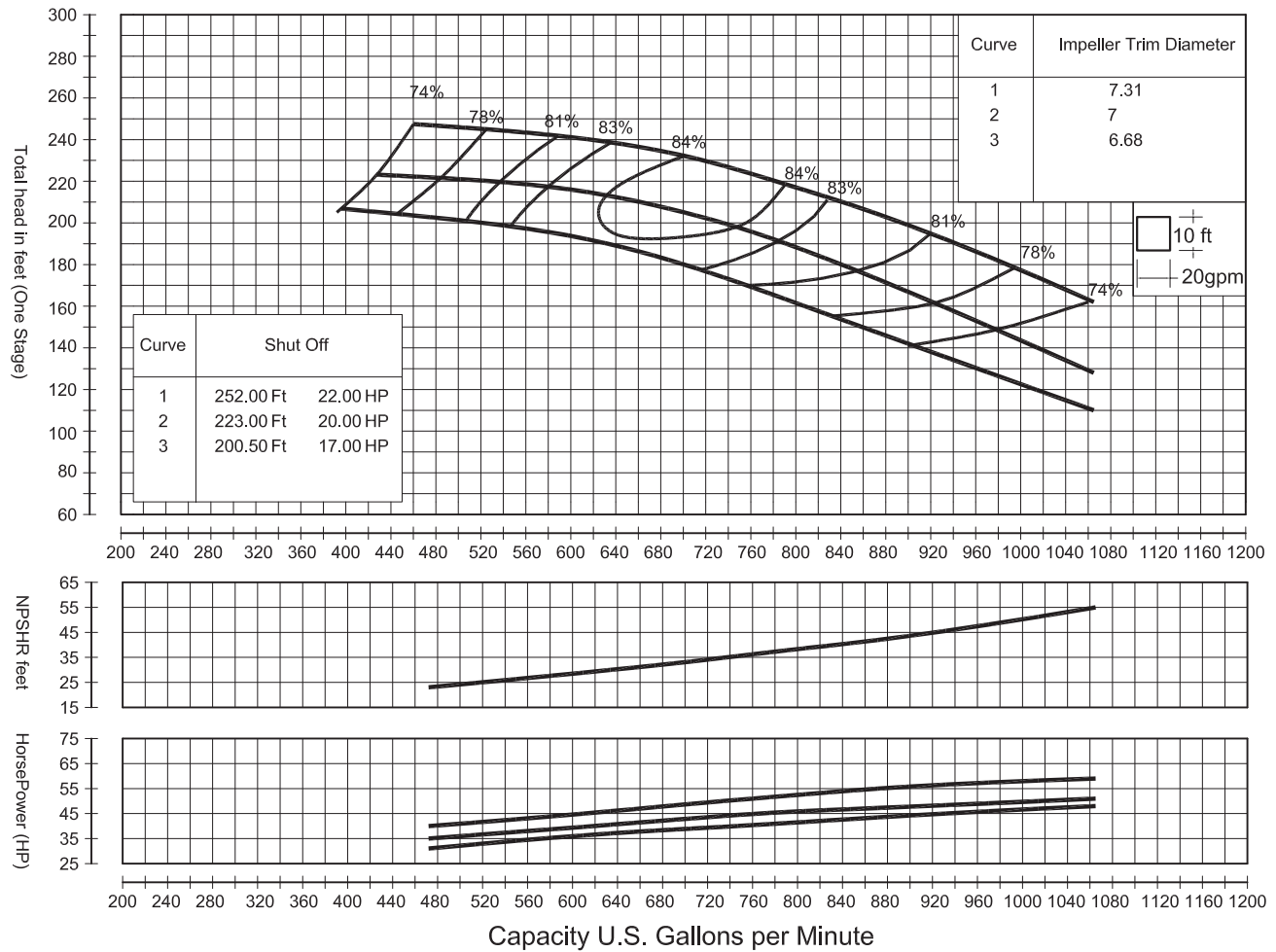
SERVICE CONDITION:

STAGES

PROJECT:

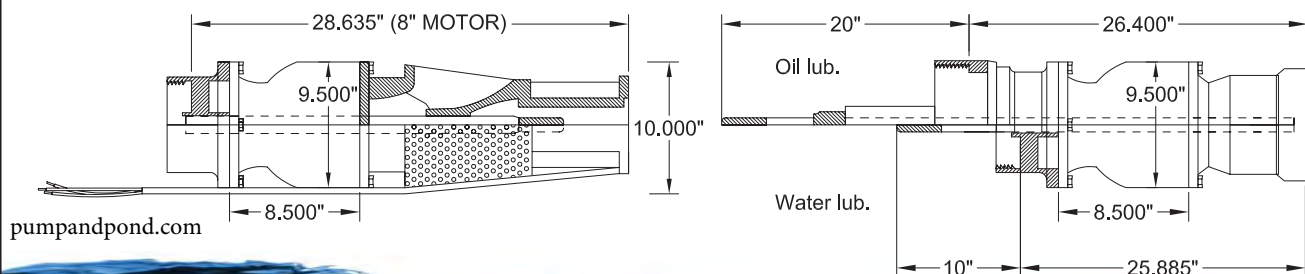
MODEL
NPP9MH

RPM
3450



* Std. Construction: Discharge 6"

Std. Shaft Diameter	1.500"	Impeller WT- LB	7.011	Stages	Efficiency Correction
Max. Shaft Diameter	1.500"	One Stage WR ² LB-FT ²	.330	1	- 3.00
Std. Lateral Setting	.630"	Impeller Type	ENCLOSED	2	- 2.00
Max. Lateral Setting	.880"	Impeller No.	TCW3444	3	- 1.00
Discharge Sizes	6",8"	Max. Sphere Size	N/A	Based Std. Mtl's	- 2.00
Suction Sizes	6"	K-Factor, Max.	4.65	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	166.62	Max. Operating P.S.I	375		
One Stage Water Lube WT-LB	155.60	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	169.71	Impeller Eye Area IN ²	12.560		
Add. Stage WT- LB	53.308	Specific Speed	1695		





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

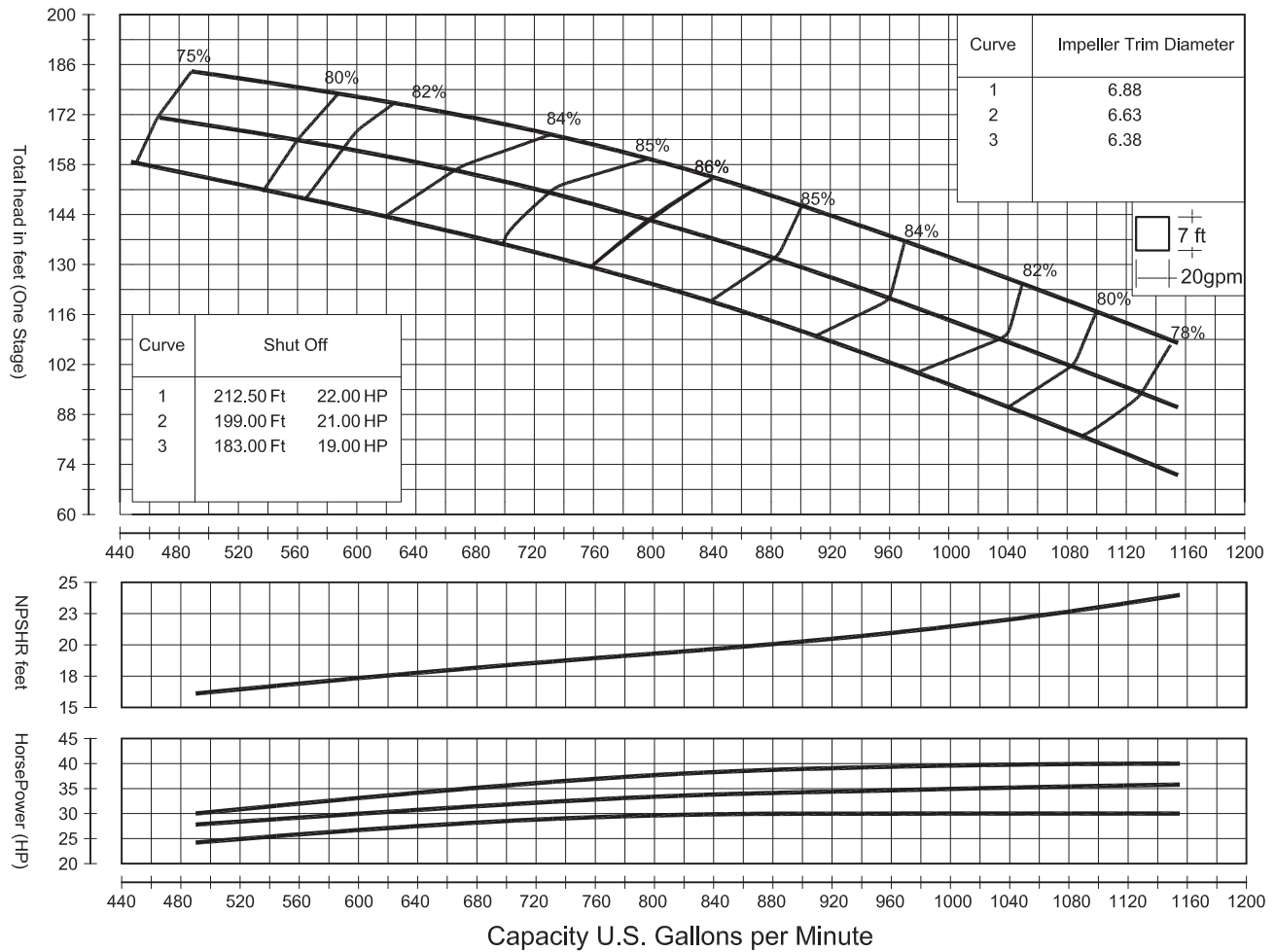
MODEL

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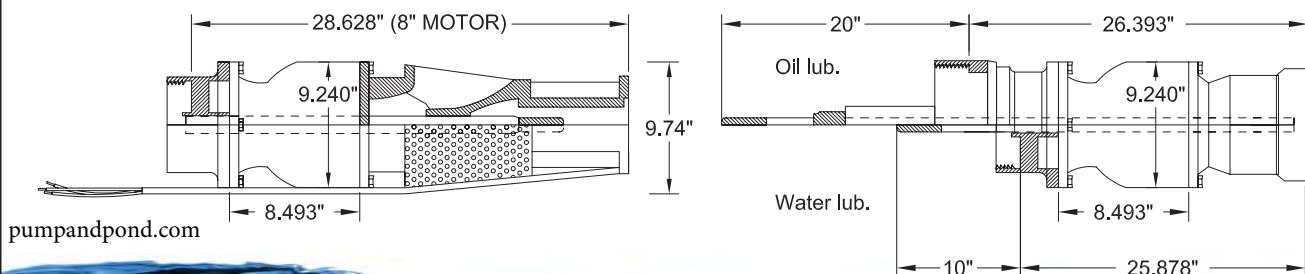
PROJECT:

RPM
3450



* Std. Construction: Discharge 6"

Std. Shaft Diameter	1.500"	Impeller WT- LB	7.011	Stages	Efficiency Correction
Max. Shaft Diameter	1.500"	One Stage WR ² LB-FT ²	.330	1	- 2.00
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED	2	- 1.00
Max. Lateral Setting	.880"	Impeller No.	TCW3414	3	- 0.50
Discharge Sizes	6", 8"	Max. Sphere Size	.560"	Based Std. Mtl's	- 2.00
Suction Sizes	6"	K-Factor, Max.	4.90	Characteristics based upon pump clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	131.35	Max. Operating P.S.I	400		
One Stage Water Lube WT-LB	120.32	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	134.43	Impeller Eye Area IN ²	12.560		
Add. Stage WT- LB	53.30	Specific Speed	2290		





CONTRACTOR:

ENGINEER:

END USER:

GPM

TDH

HP

EFFIC.

SERVICE CONDITION:

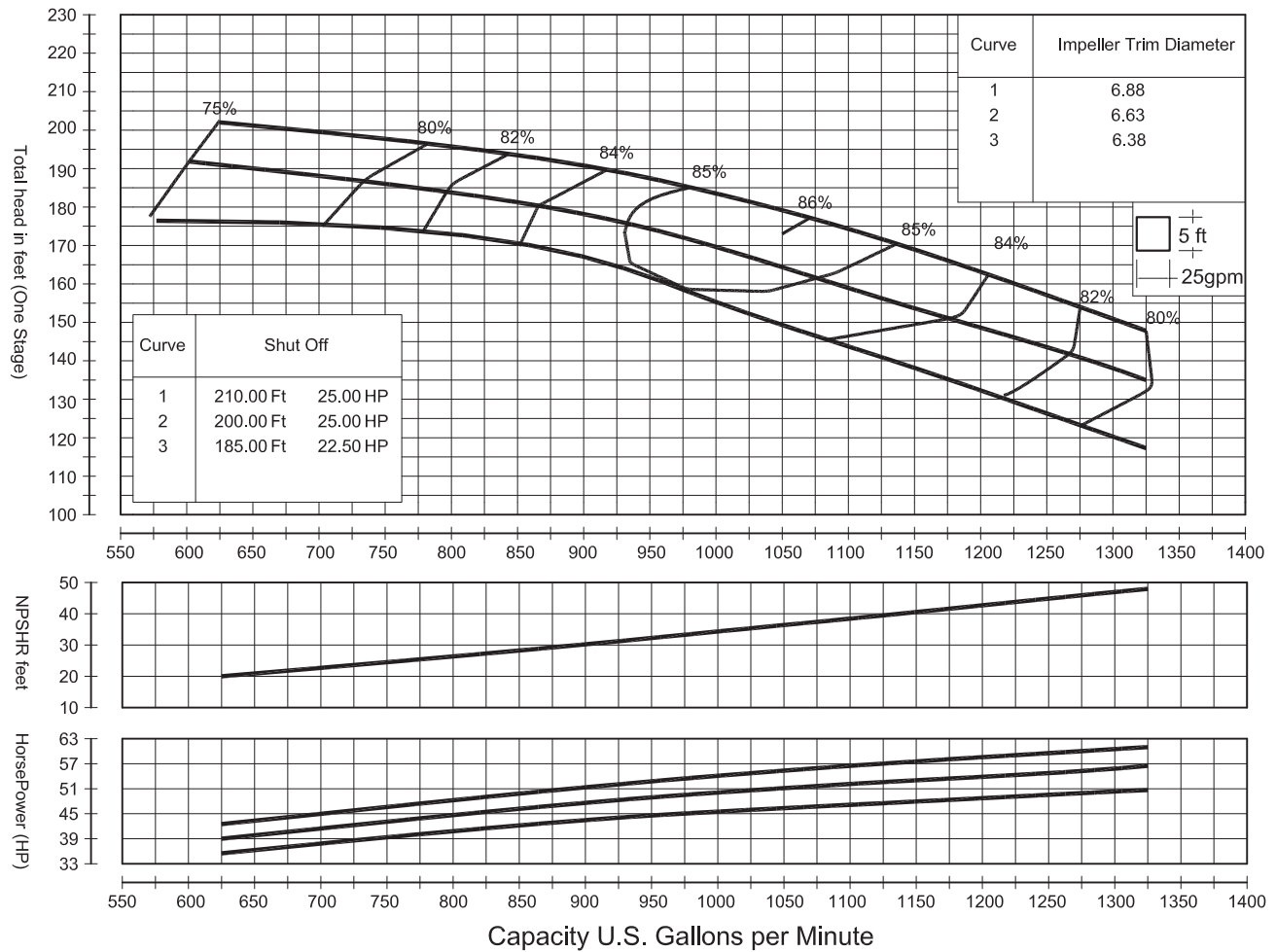
PROJECT:

MODEL

NPP9HH

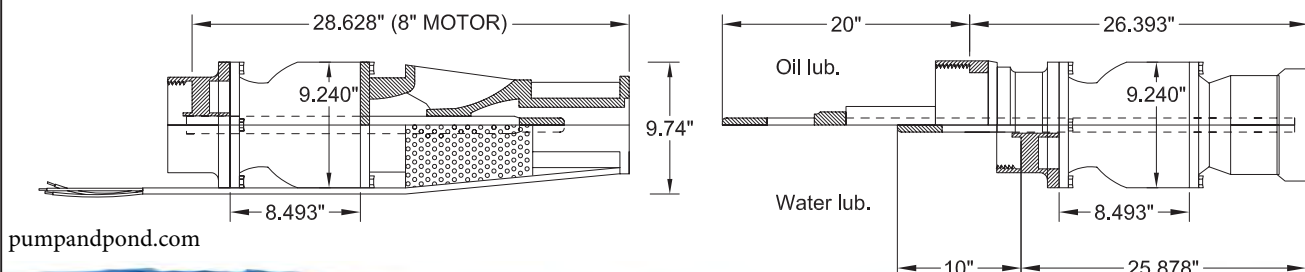
RPM

3450



* Std. Construction: Discharge 6"

Std. Shaft Diameter	1.500"	Impeller WT- LB	7.011	Stages	Efficiency Correction
Max. Shaft Diameter	1.500"	One Stage WR ² LB-FT ²	.330	1	- 2.00
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED	2	- 1.00
Max. Lateral Setting	.880"	Impeller No.	TCW3424	3	- 0.50
Discharge Sizes	6",8"	Max. Sphere Size	.560"	Based Std. Mt'l's	- 2.00
Suction Sizes	6"	K-Factor, Max.	3.1	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	131.35	Max. Operating P.S.I	400		
One Stage Water Lube WT-LB	120.32	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	134.43	Impeller Eye Area IN ²	12.560		
Add. Stage WT- LB	53.30	Specific Speed	2300		





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

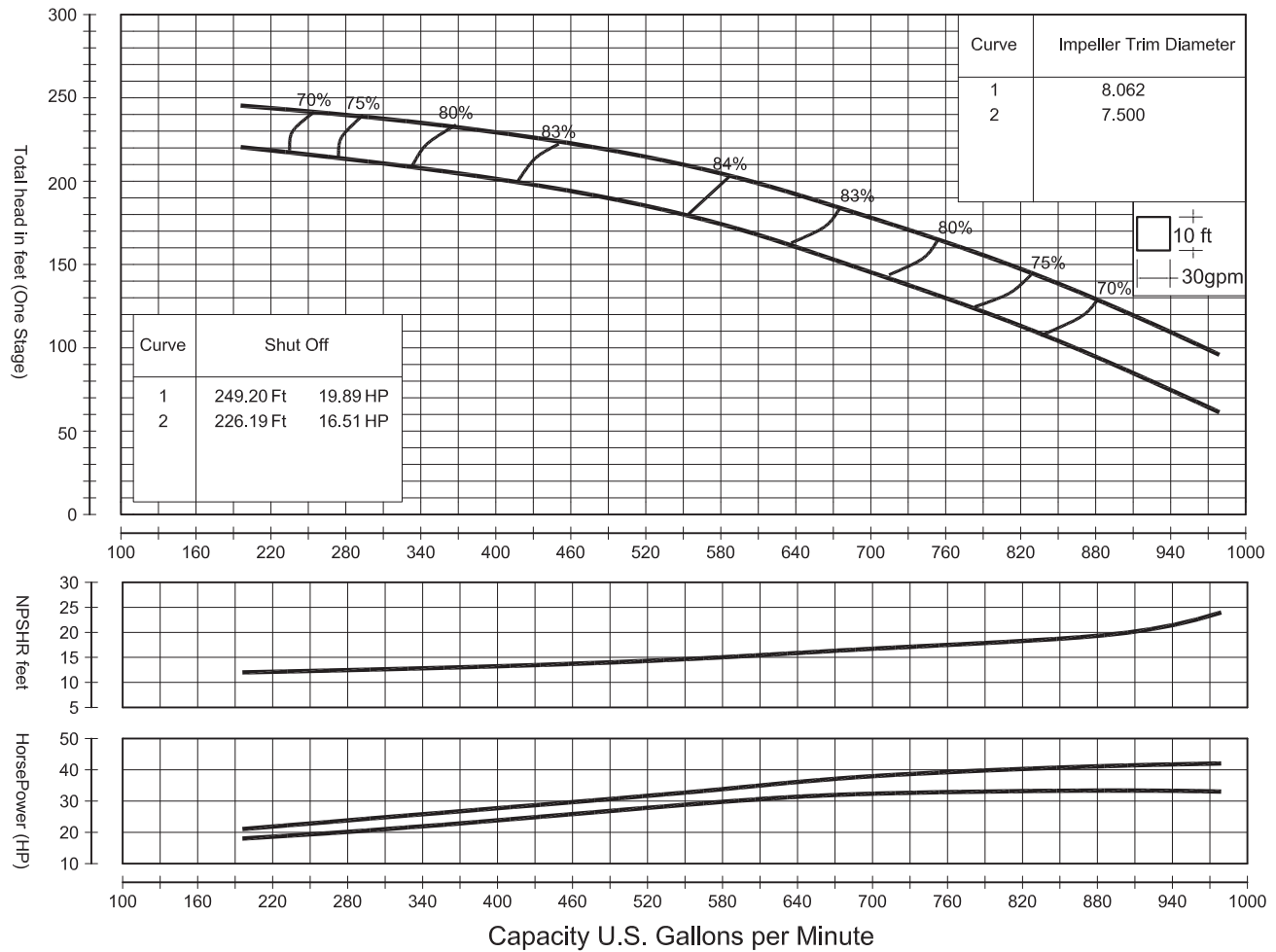
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MODEL
NPP10LL

END USER:

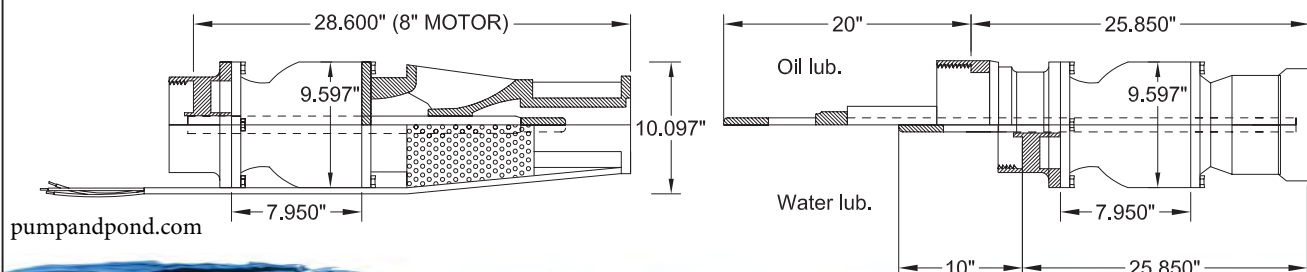
PROJECT:

RPM
3450



* Std. Construction: Discharge 6"

Std. Shaft Diameter	1.500"	Impeller WT- LB	7.716	Stages	Efficiency Correction
Max. Shaft Diameter	1.500"	One Stage WR ² LB-FT ²	.286	1	- 3.00
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED	2	- 2.00
Max. Lateral Setting	.750"	Impeller No.	TCC1415	3	- 1.00
Discharge Sizes	6"	Max. Sphere Size	.531"	Based Std. Mtl's	- 3.00
Suction Sizes	6"	K-Factor, Max.	4.500	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	278		
One Stage Water Lube WT-LB	137.78	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	151.89	Impeller Eye Area IN ²	10.41		
Add. Stage WT- LB	49.60	Specific Speed	1568		





CONTRACTOR:

ENGINEER:

GPM

TDH

HP

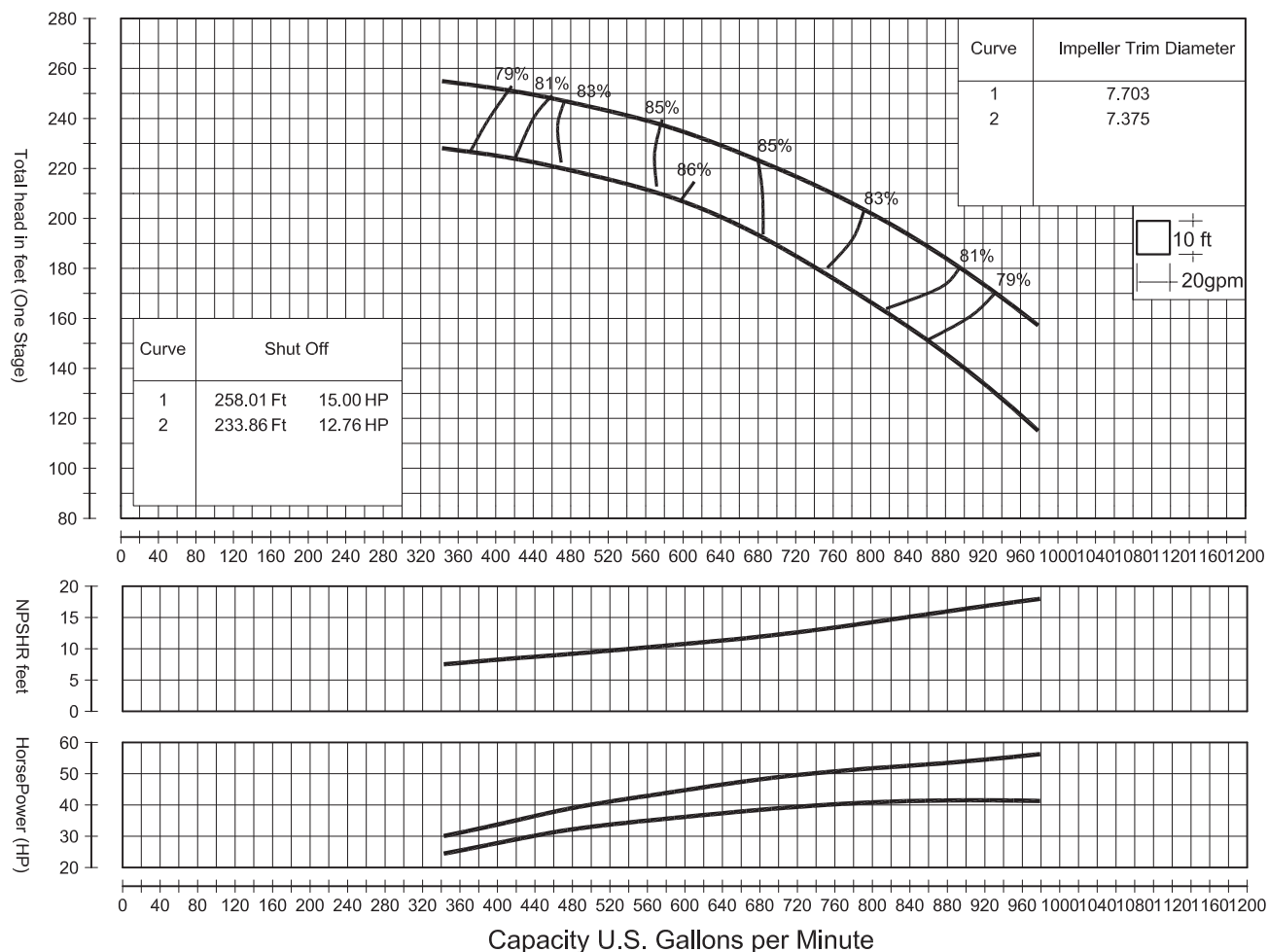
EFFIC.

MODEL
NPP10LH

END USER:

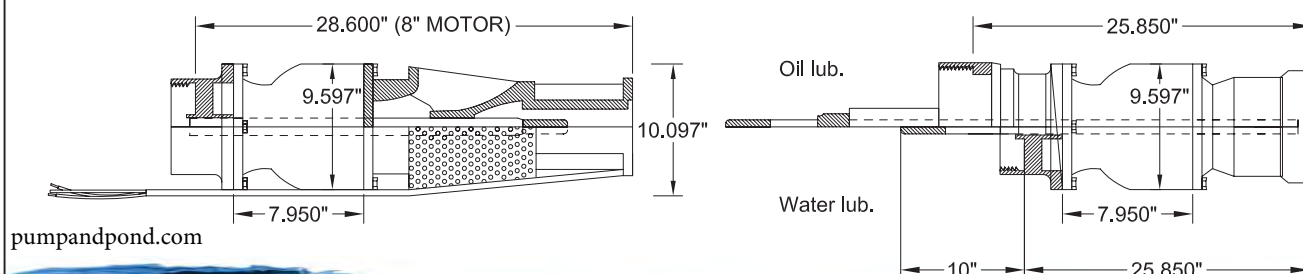
PROJECT:

RPM
3450



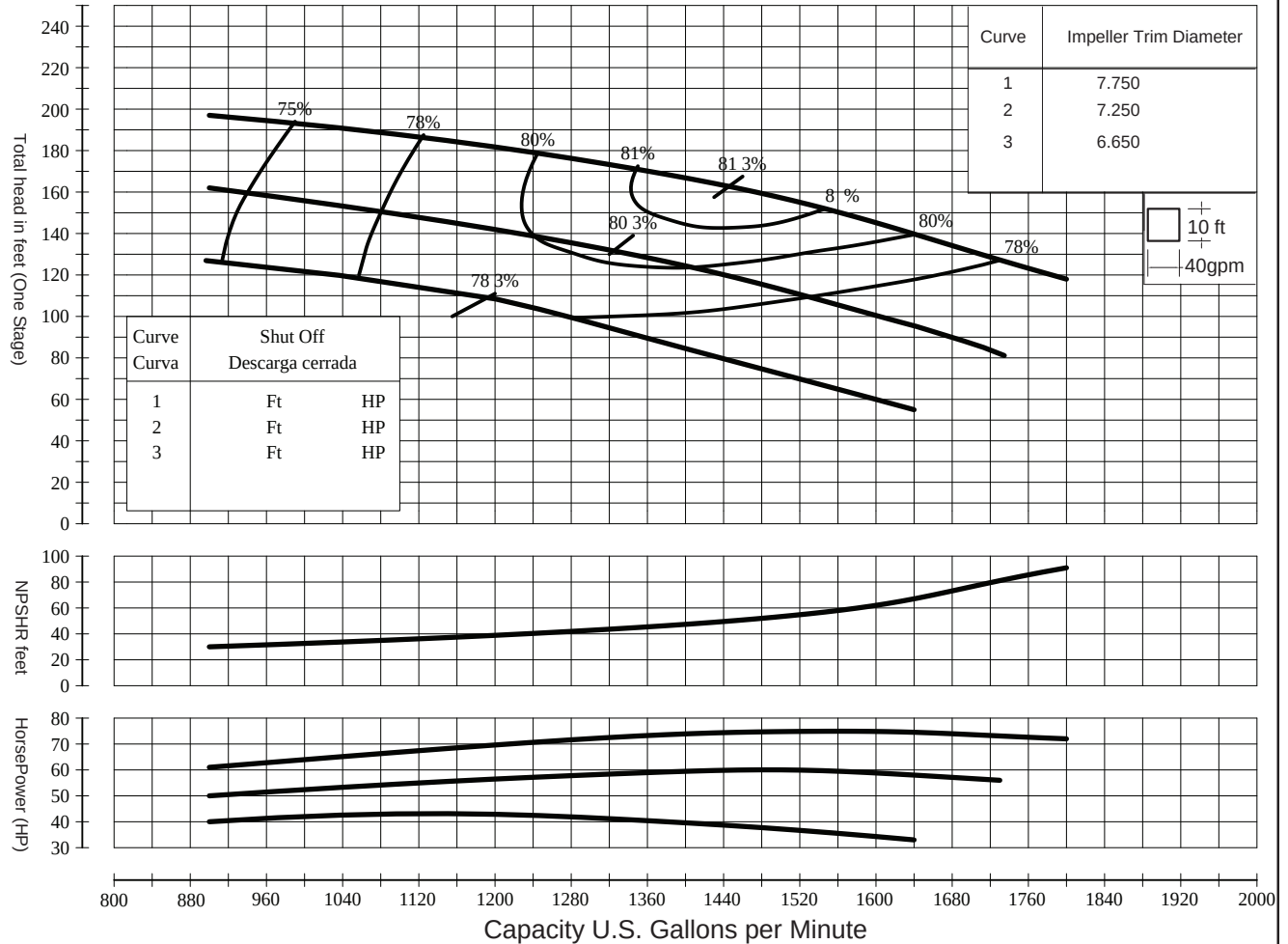
* Std. Construction: Discharge 6"

Std. Shaft Diameter	1.500"	Impeller WT- LB	7.716	Stages	Efficiency Correction
Max. Shaft Diameter	1.500"	One Stage WR ² LB-FT ²	.303	1	- 3.00
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED	2	- 2.00
Max. Lateral Setting	.750"	Impeller No.	TCC1425	3	- 1.00
Discharge Sizes	6"	Max. Sphere Size	.531"	Based Std. Mtl's	- 3.00
Suction Sizes	6"	K-Factor, Max.	4.500	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	278		
One Stage Water Lube WT-LB	137.78	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	151.89	Impeller Eye Area IN ²	9.74		
Add. Stage WT- LB	49.60	Specific Speed	1500		





CONTRACTOR:	GPM	TDH	HP	EFFIC.	MODEL NPP10MH
ENGINEER:	SERVICE CONDITION:			STAGES	
	PROJECT:				RPM 3460

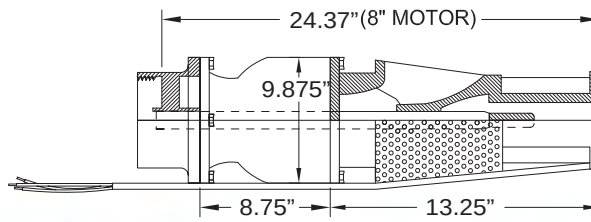


Std. Shaft Diameter	1.500"	Impeller WT- LB	8.50	Stages	Efficiency Correction
Max. Shaft Diameter	—	One Stage WR ² LB-FT ²	0.321		
Opt. Lateral Setting	0.625"	Impeller Type	ENCLOSED		
Max. Lateral Setting	—	Impeller No.	TCWDADE		
Discharge Sizes	8,6	Max. Sphere Size	0.610		
Suction Sizes	N/A	K-Factor, Max.	6.100	1	- 4.00
One Stage Subm. WT-LB	164.00	Max. Operating P.S.I	336.33	2	- 3.00
One Stage Water Lube WT-LB	164.00	Min. Submergence	—	3	- 2.00
One Stage Oil Lube WT-LB	184.00	Impeller Eye Area IN ²	14.42	4	- 1.00
Add. Stage WT- LB	64.00	Specific Speed	2842	5	0.00

Based Std. Mtl's

Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.

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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

MODEL

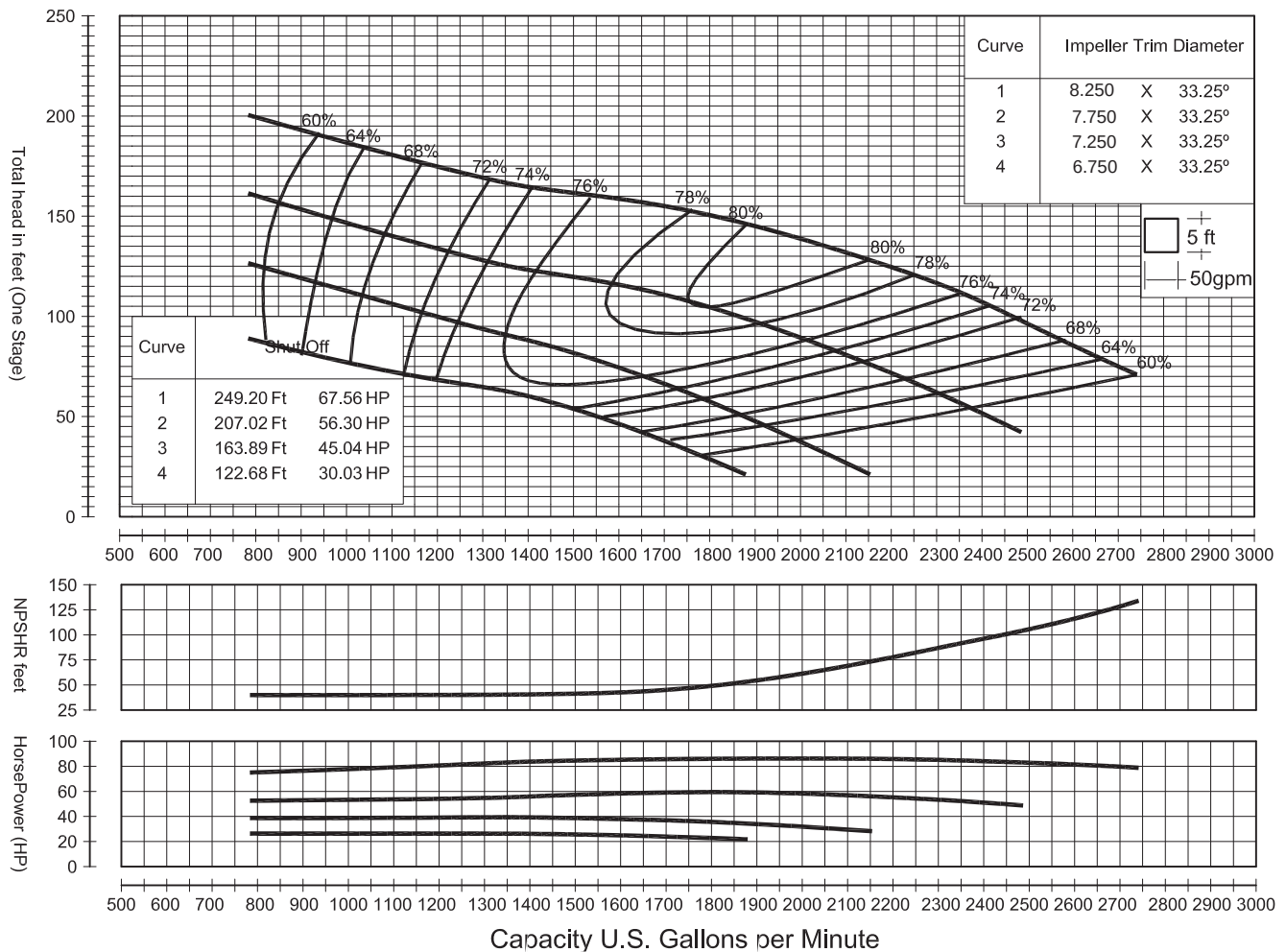
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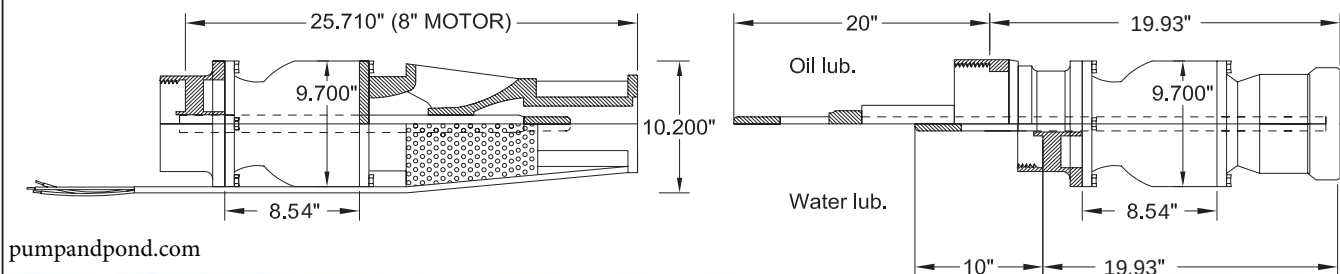
PROJECT:

RPM

3450



Std. Shaft Diameter	1.68"	Impeller WT- LB	11.00	Stages	Efficiency Correction
Max. Shaft Diameter		One Stage WR ² LB-FT ²	N/A	1	- 4.00
Opt. Lateral Setting	.125"	Impeller Type	ENCLOSED	2	- 2.00
Std. Lateral Setting	0.750"	Impeller No.	TCXDADE	3	- 1.00
Discharge Sizes	8"	Max. Sphere Size	.875	Based Std. Mill's	- 3.00
Suction Sizes	8"	K-Factor, Max.	10.3	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	455		
One Stage Water Lube WT-LB	165.2	Min. Submergence	40"		
One Stage Oil Lube WT-LB	170.3	Impeller Eye Area IN ²	19.400		
Add. Stage WT- LB	61.7	Specific Speed	N/A		



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

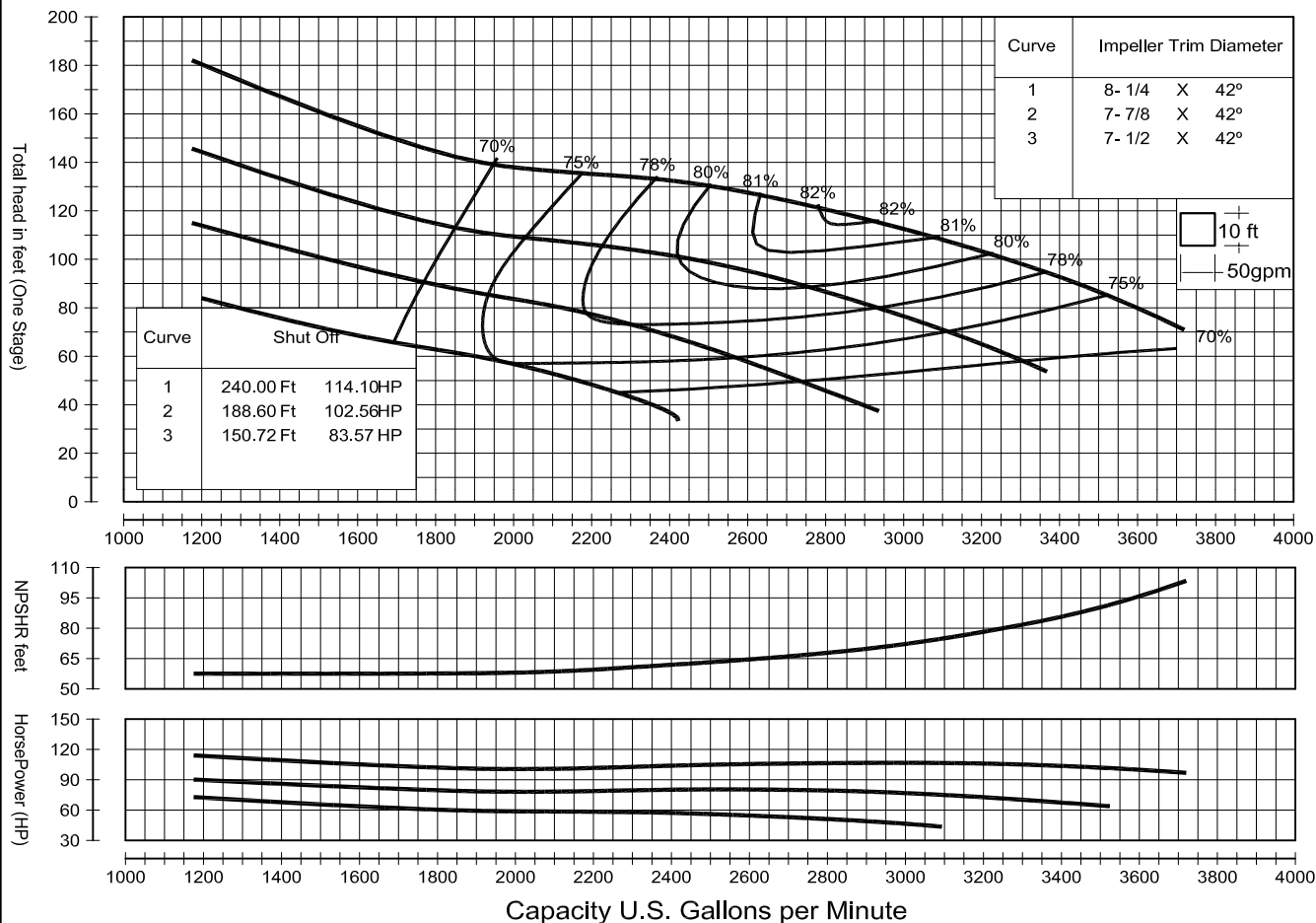
MODEL
NPP10HH

STAGES

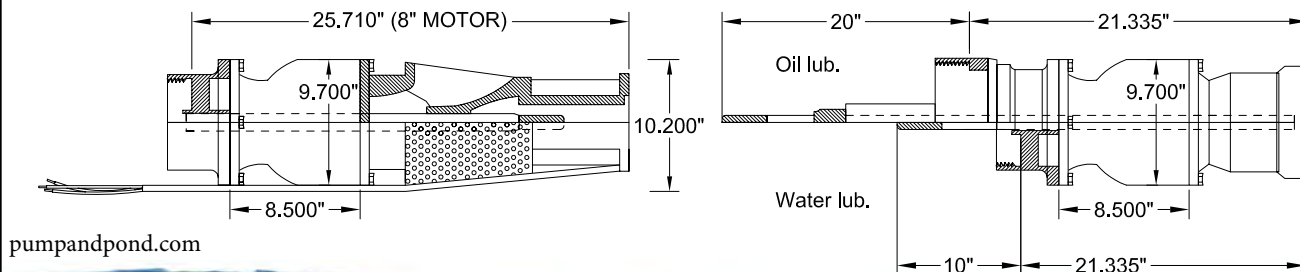
END USER:

PROJECT:

RPM
3450



Std. Shaft Diameter	1.500"	Impeller WT- LB	10.582	Stages	Efficiency Correction
Max. Shaft Diameter	1.500"	One Stage WR ² LB-FT ²	N/A	1	- 6.00
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED	2	- 5.00
Max. Lateral Setting	.500"	Impeller No.	TCH1015	3	- 3.00
Discharge Sizes	8"	Max. Sphere Size	1.438"	4	- 1.00
Suction Sizes	8"	K-Factor, Max.	13.6	Based Std. Mtl's	- 4.00
One Stage Subm. WT-LB	N/A	Max. Operating P.S.I	455	Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.	
One Stage Water Lube WT-LB	136.24	Min. Submergence	N/A		
One Stage Oil Lube WT-LB	150.35	Impeller Eye Area IN ²	26.7		
Add. Stage WT- LB	52.470	Specific Speed	N/A		



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CONTRACTOR:

ENGINEER:

GPM

TDH

HP

EFFIC.

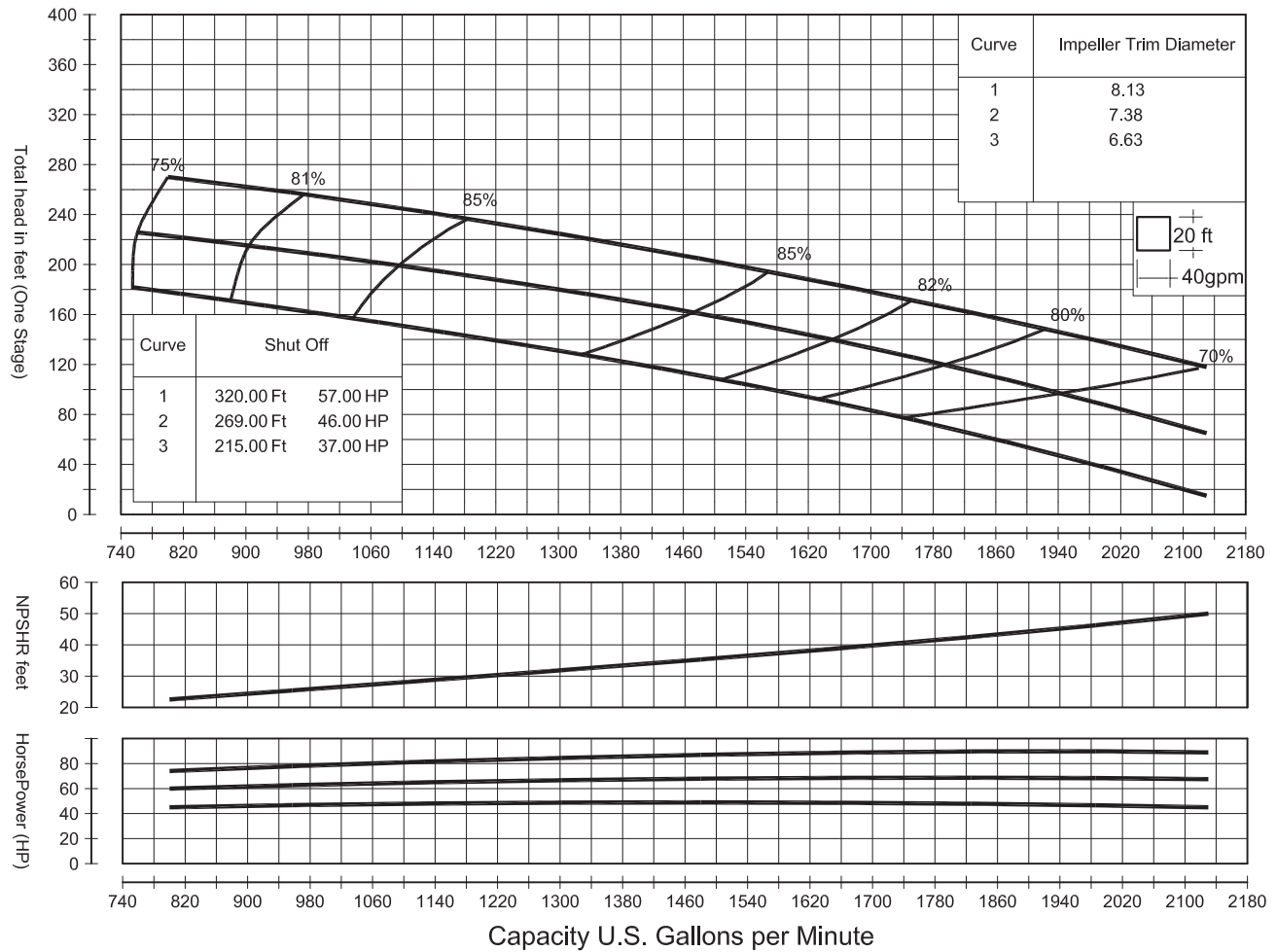
MODEL

NPP11HL

END USER:

PROJECT:

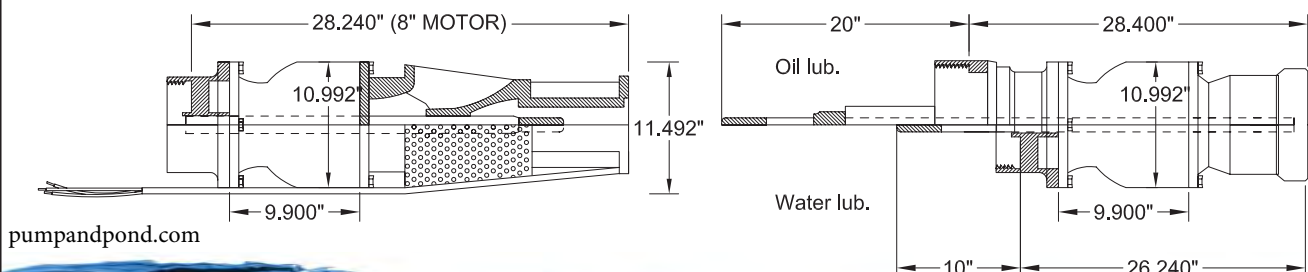
RPM
3450



Std. Shaft Diameter	1.500"	Impeller WT- LB	13.029
Max. Shaft Diameter	1.688"	One Stage WR ² LB-FT ²	.890
Std. Lateral Setting	.250"	Impeller Type	ENCLOSED
Max. Lateral Setting	.750"	Impeller No.	TCW3415
Discharge Sizes	8"	Max. Sphere Size	.680"
Suction Sizes	8"	K-Factor, Max.	7.9
One Stage Subm. WT-LB	220.26	Max. Operating P.S.I	380
One Stage Water Lube WT-LB	240.10	Min. Submergence	N/A
One Stage Oil Lube WT-LB	262.15	Impeller Eye Area IN ²	15.60
Add. Stage WT- LB	87.98	Specific Speed	2320

Stages	Efficiency Correction
1	- 1.50
2	- 1.00
3	- 0.50
Based Std. Mtl's	- 2.00

Characteristics based upon pumpig clear, non-aerated water. Rating point only is guaranteed. Column losses not included.





HIGH EFFICIENCY SUBMERSIBLE TURBINE

Flows: 50 gpm - 6,000 gpm

Total Dynamic Head: 0 - 1,800 feet

Settings: Shallow sumps to 1,000 feet

Complete Floating Platform Design Options

STANDARD FEATURES:

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Available in different coatings and sizes to meet US
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*NP&P offers multiple bearing and bowl shaft
combinations for abrasive and corrosive
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