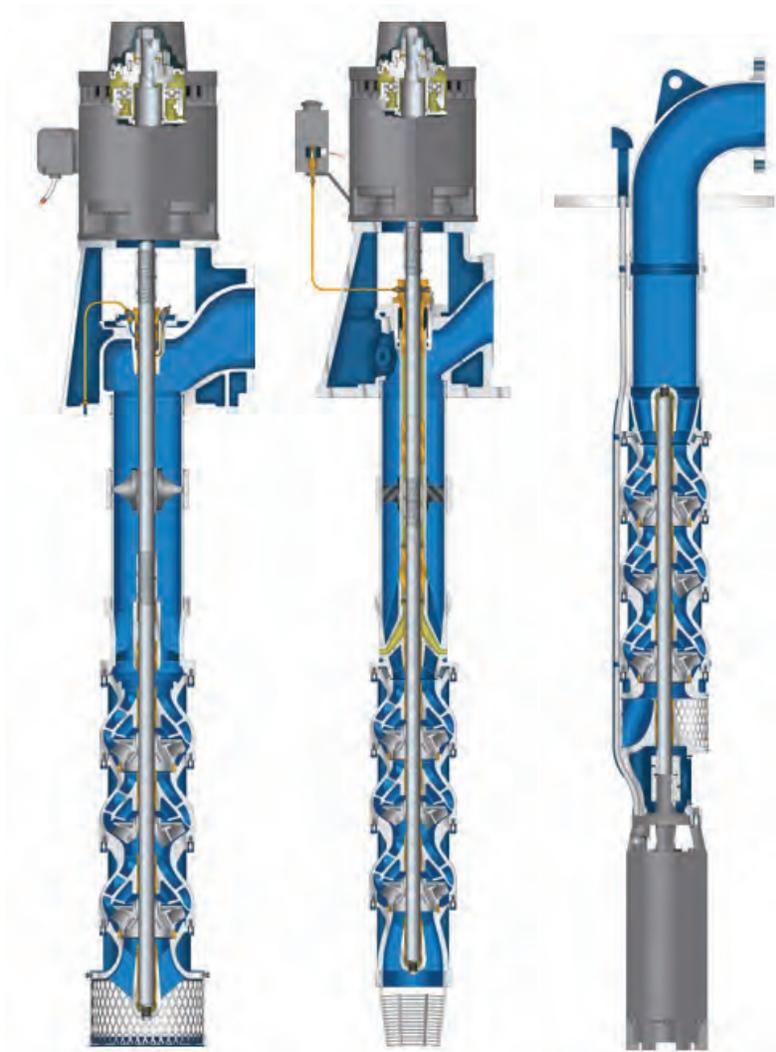


PERFORMANCE CURVES

LINESHAFT & SUBMERSIBLE

3500 RPM



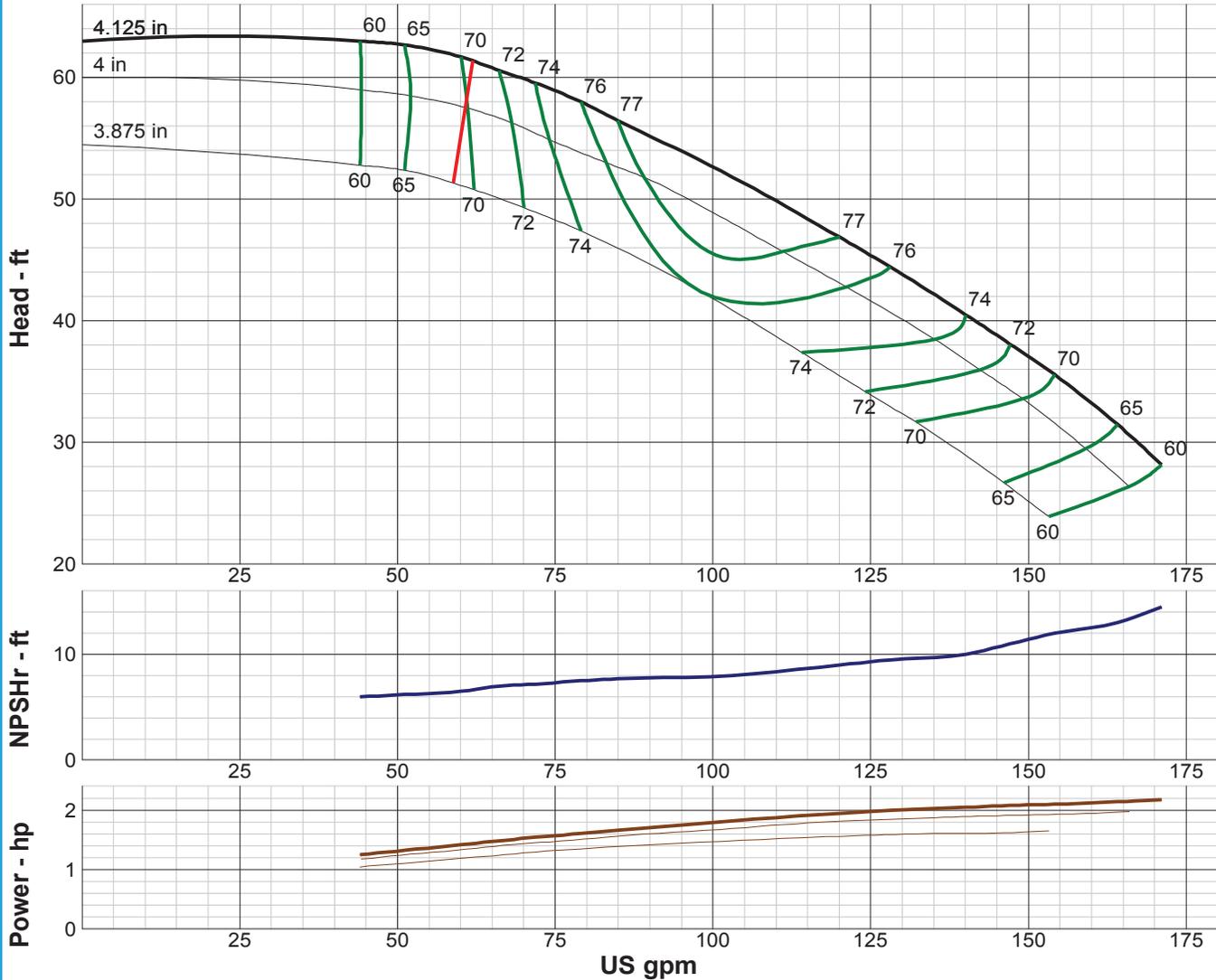


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

5FMC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	0189	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 10 IN.
THRUST FACTOR	K=2.30	
EYE AREA	3.82 SQ. IN.	
WEIGHT	1.70 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-4
BOWL MATERIAL:	-1	-1	-1	-8

THREADED BOWL DATA

BOWL NUMBER	0320
BOWL MAX. DIAMETER	5.500 IN.
BOWL MIN. DIAMETER	5.250 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	45 LB.
ADD STAGE WEIGHT	12 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.250 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

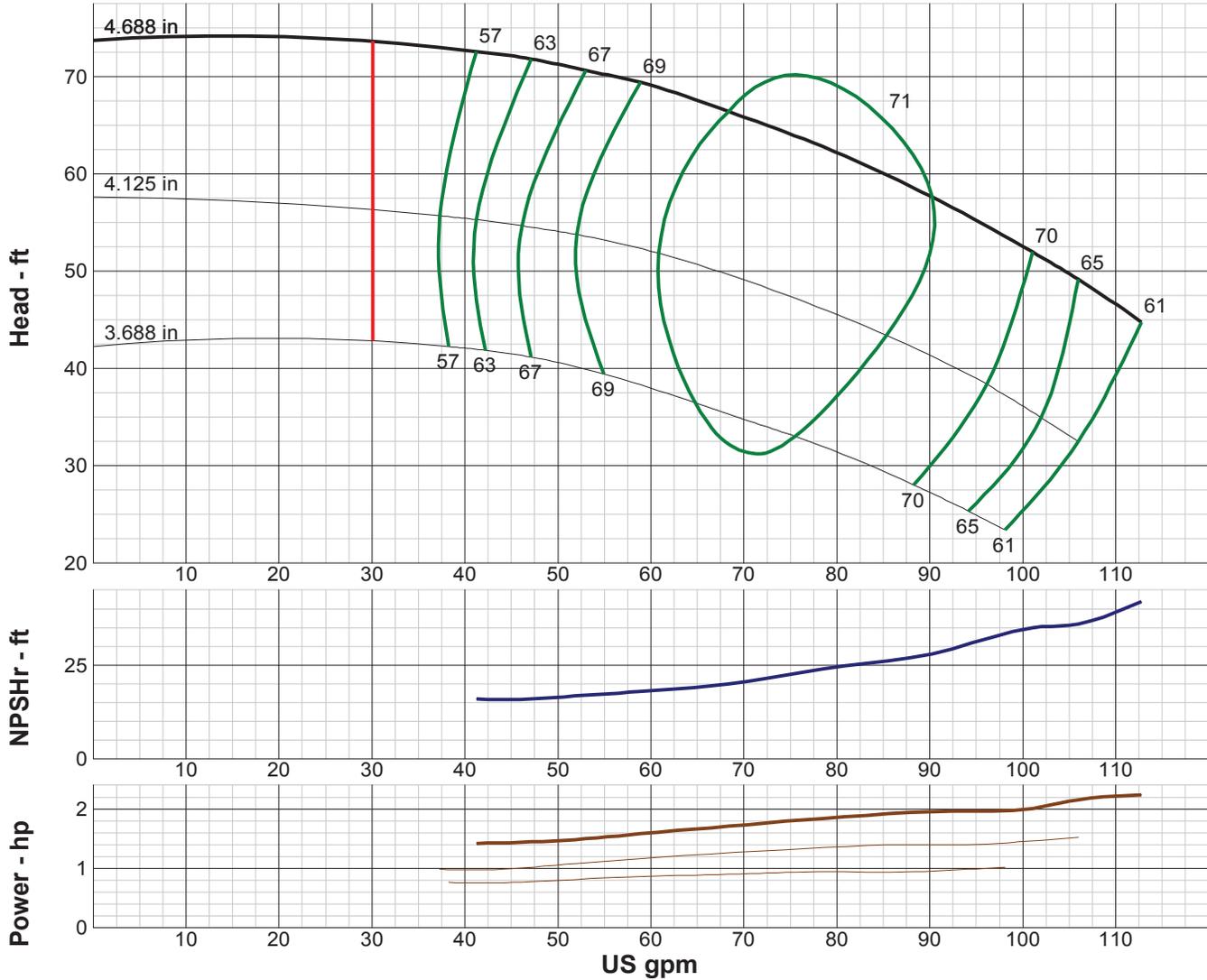


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FJC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	6404	TRIM ANGLE:	0°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 10 IN.	
THRUST FACTOR	K=1.56		
EYE AREA	2.41 SQ. IN.		
WEIGHT	1.80 LB.		

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-1	-1	-1	-4

FLANGED BOWL DATA

BOWL NUMBER	6515
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	60
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	0.750 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.125 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

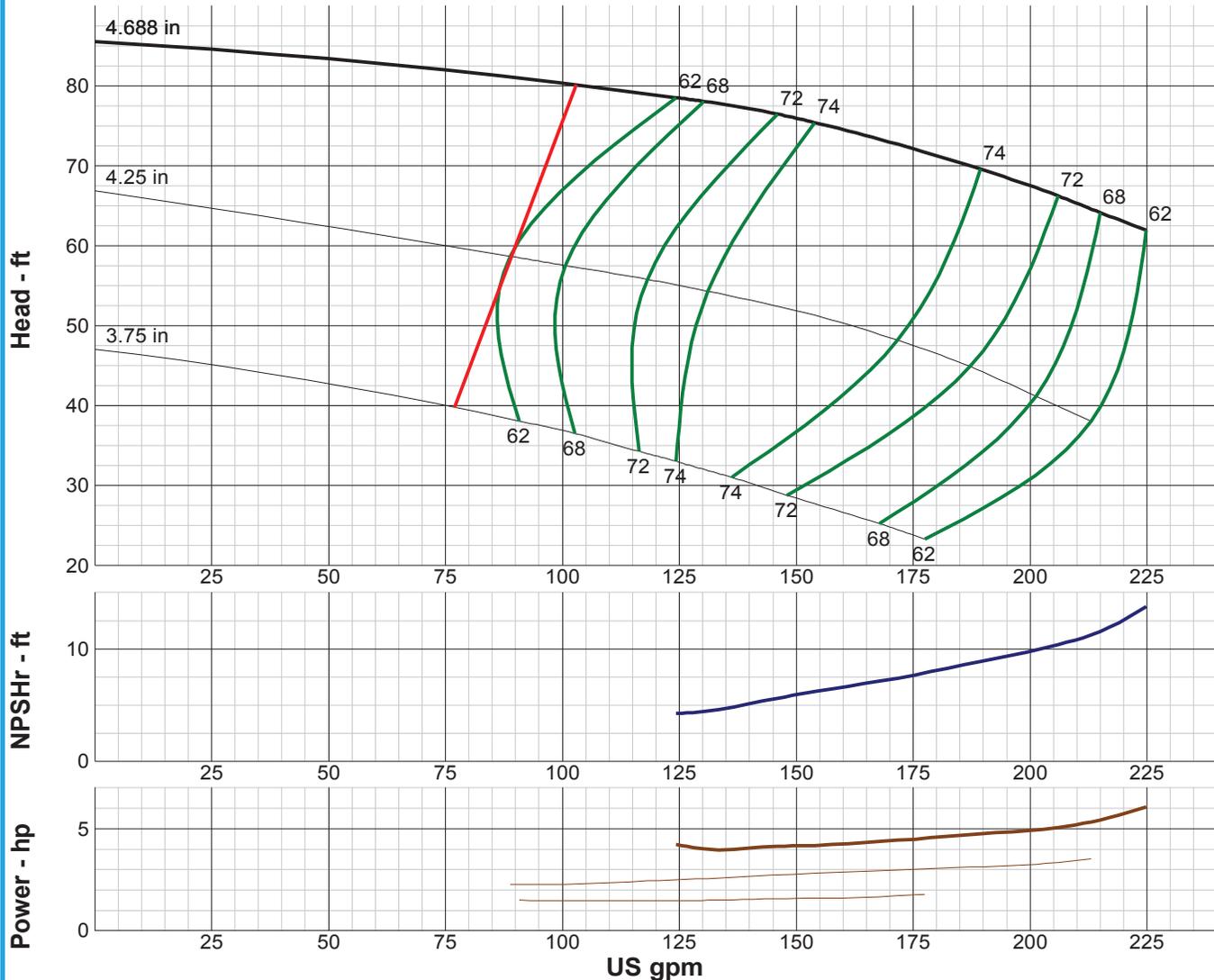


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FMC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	6707	TRIM ANGLE: 27° Minimum submergence above eye of bottom impeller: 12 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=2.24	
EYE AREA	3.20 SQ. IN.	
WEIGHT	2.15 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-1	-1	-1	-4

FLANGED BOWL DATA	
BOWL NUMBER	6616
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

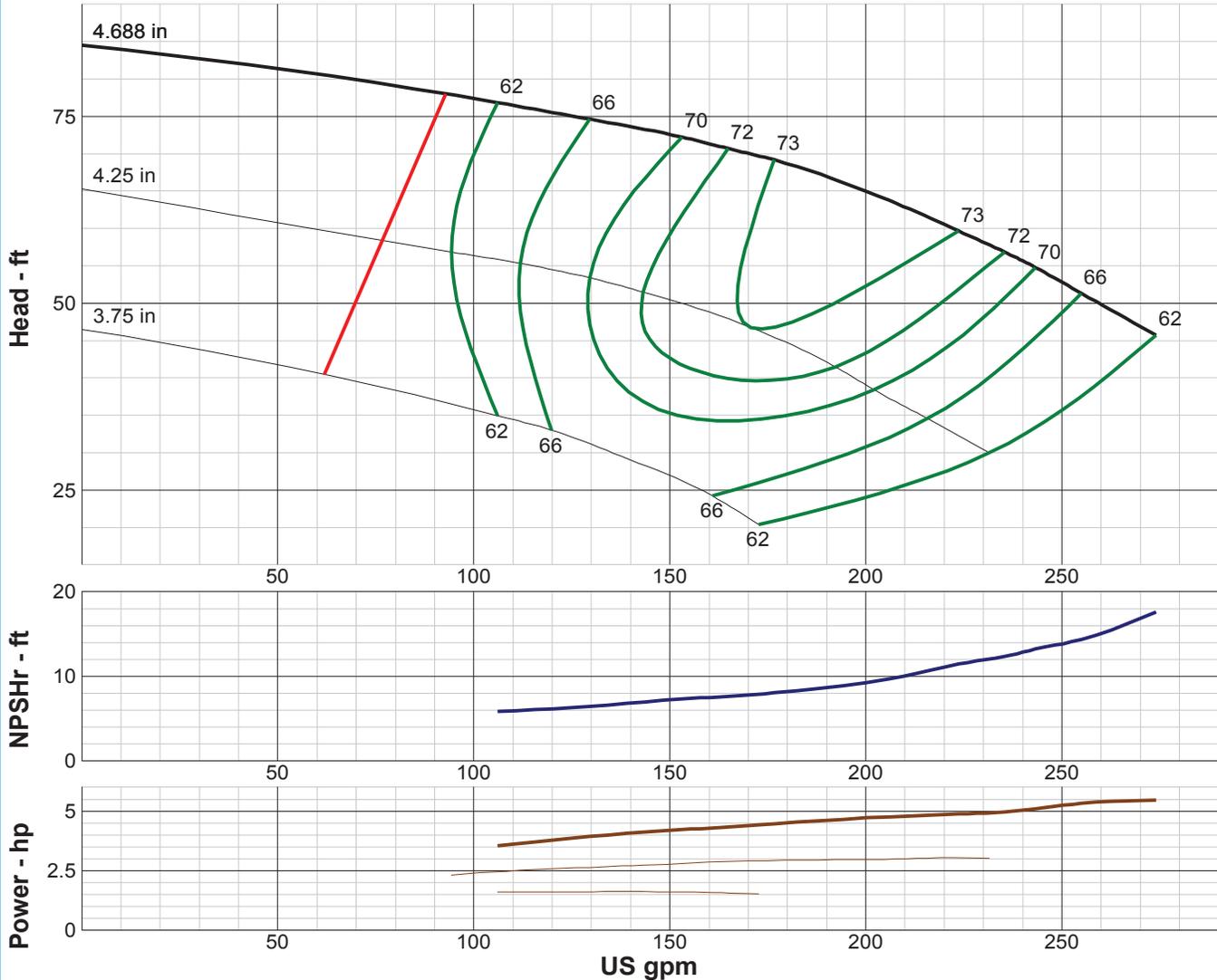


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FHC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	6606	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 12 IN.
THRUST FACTOR	K=2.24	
EYE AREA	3.65 SQ. IN.	
WEIGHT	2.38 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-1	-1	-1	-4

FLANGED BOWL DATA	
BOWL NUMBER	6616
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

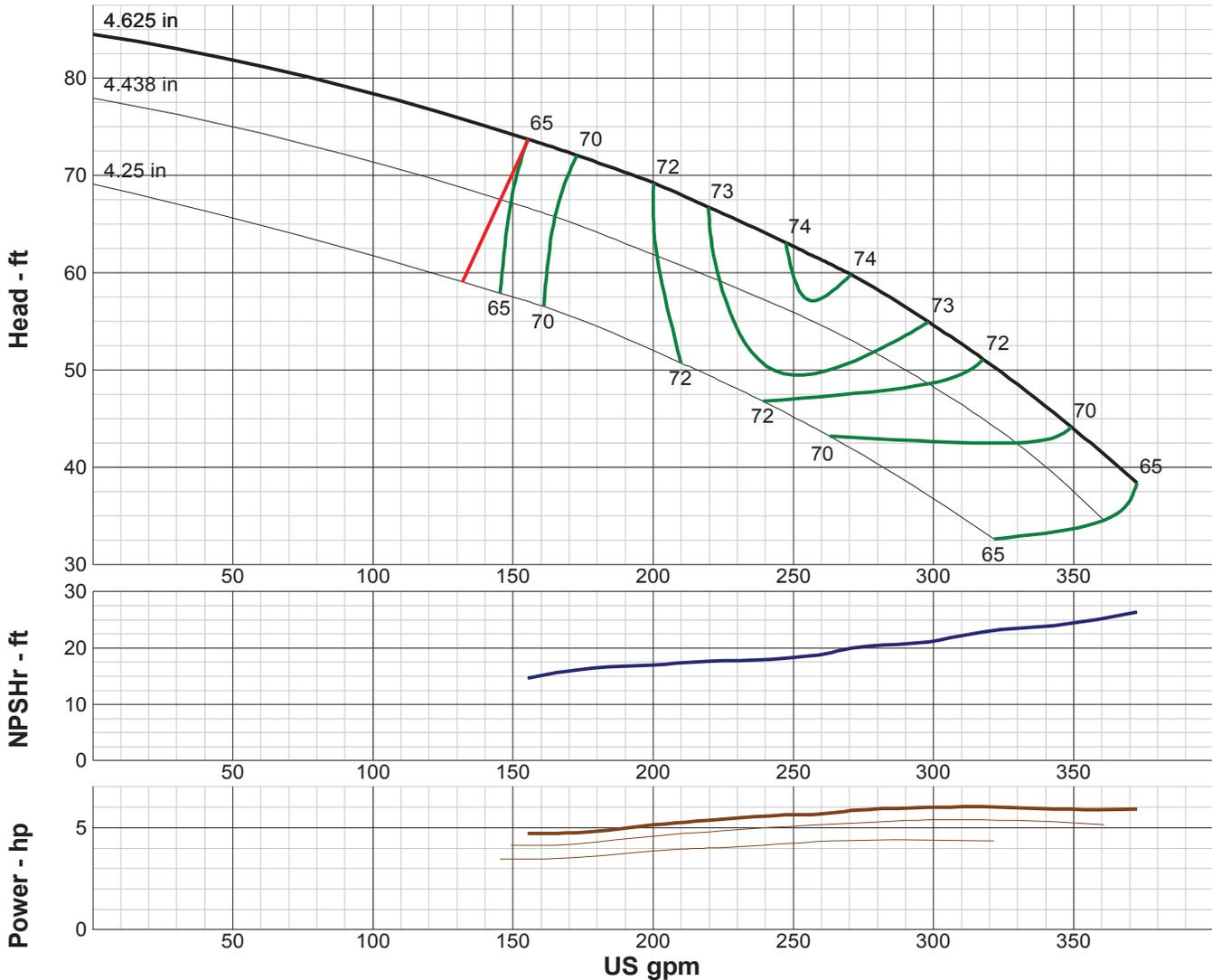


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FXC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	6909	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=2.83	
EYE AREA	4.01 SQ. IN.	
WEIGHT	2.15 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-1	-1	-1	-4

FLANGED BOWL DATA	
BOWL NUMBER	6919
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	21
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

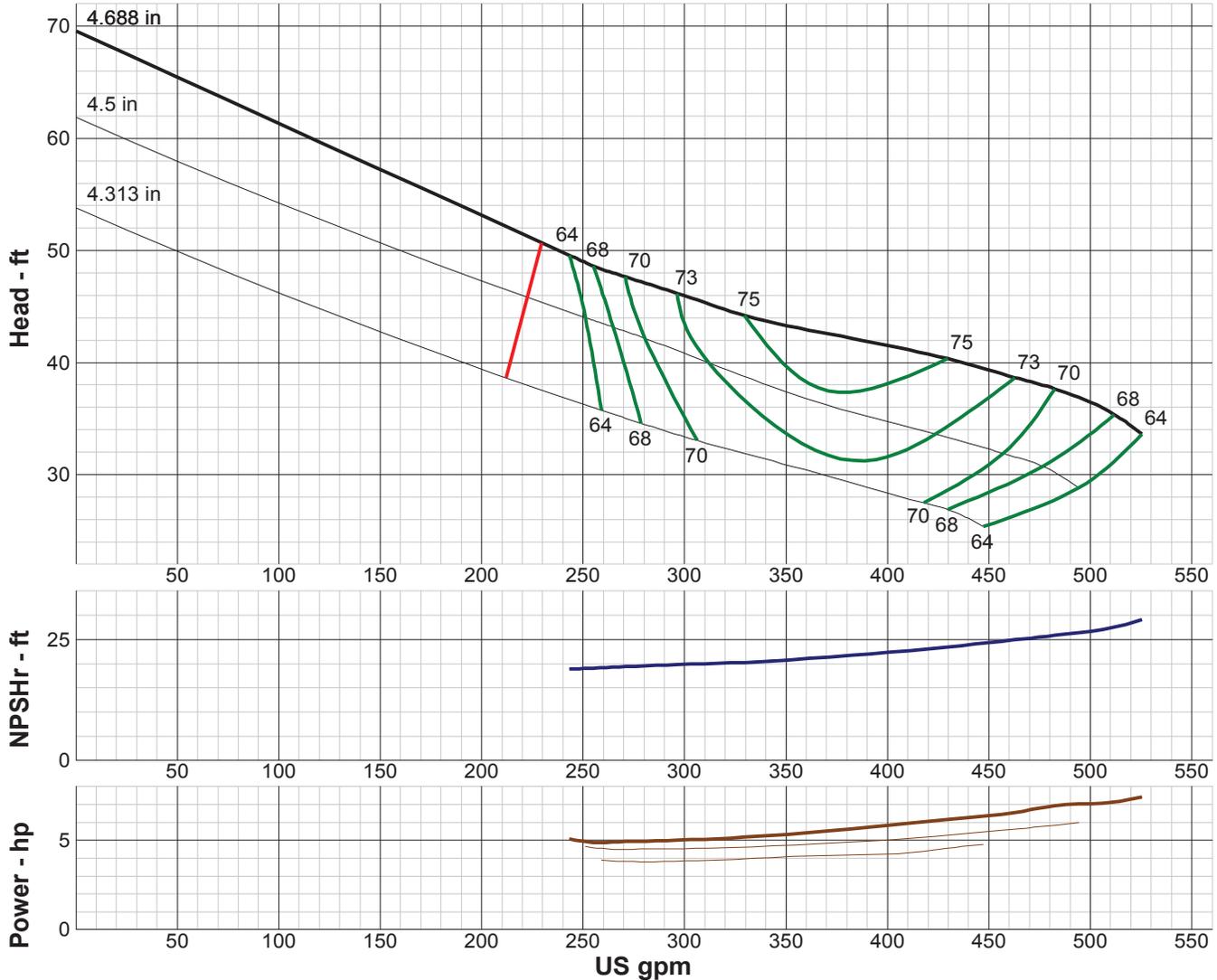


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FWC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	6808	TRIM ANGLE: 35°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=4.13	
EYE AREA	6.88 SQ. IN.	
WEIGHT	2.65 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-1	-1	-1	-4

FLANGED BOWL DATA

BOWL NUMBER	6818
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

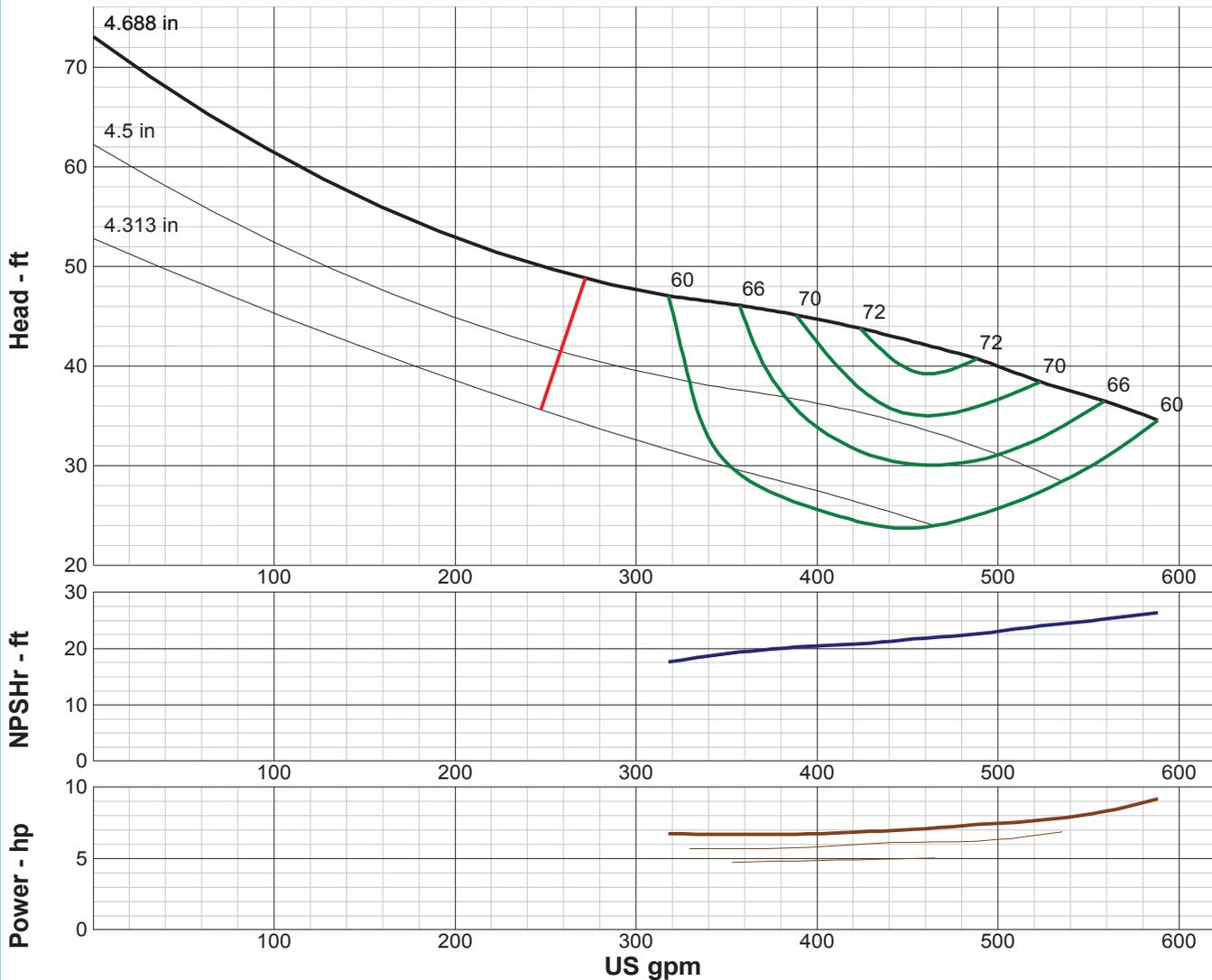


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FYC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	6414	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=4.10	
EYE AREA	7.51 SQ. IN.	
WEIGHT	2.35 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-1	-1	-1	-4

FLANGED BOWL DATA	
BOWL NUMBER	6818
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.250 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

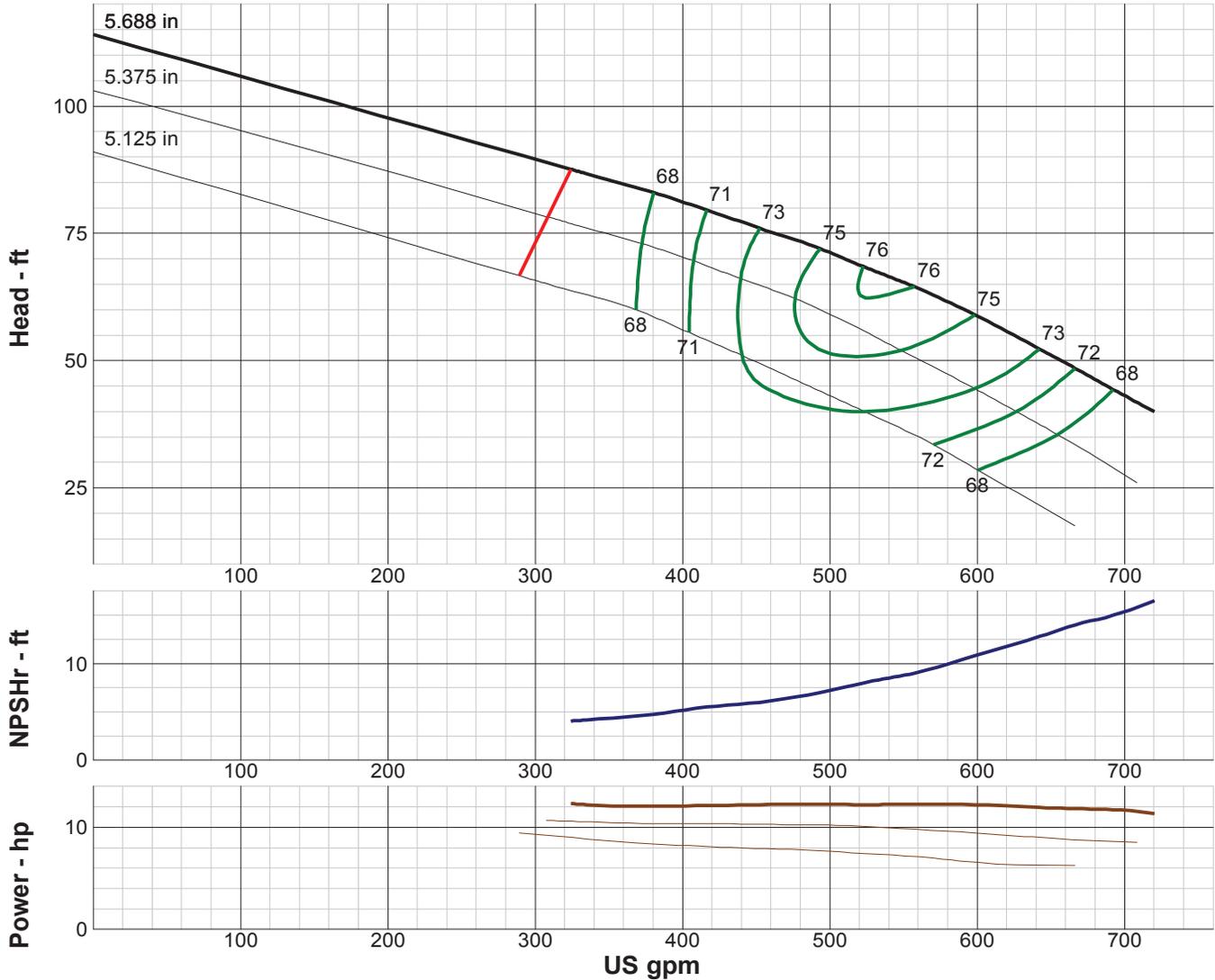


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

7FMC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	7647	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=4.5	
EYE AREA	11.3 SQ. IN.	
WEIGHT	5.0 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	6947
BOWL MAX. DIAMETER	7.313 IN.
BOWL MIN. DIAMETER	7.125 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	102 LB.
ADD STAGE WEIGHT	37 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	695 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

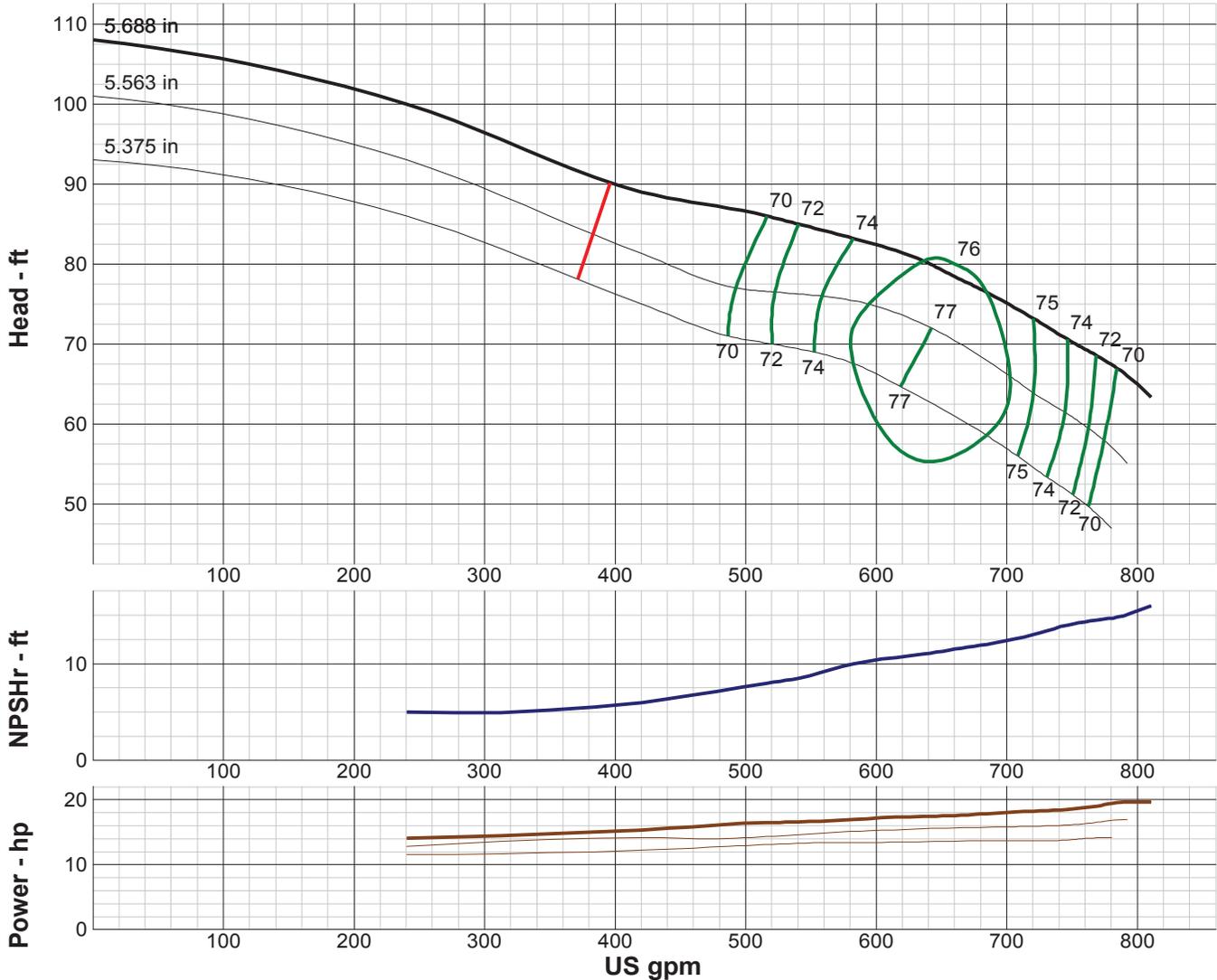


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

7FHC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	7656	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=4.56	
EYE AREA	11.3 SQ. IN.	
WEIGHT	5.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-6
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	6947
BOWL MAX. DIAMETER	7.313 IN.
BOWL MIN. DIAMETER	7.125 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	102 LB.
ADD STAGE WEIGHT	37 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

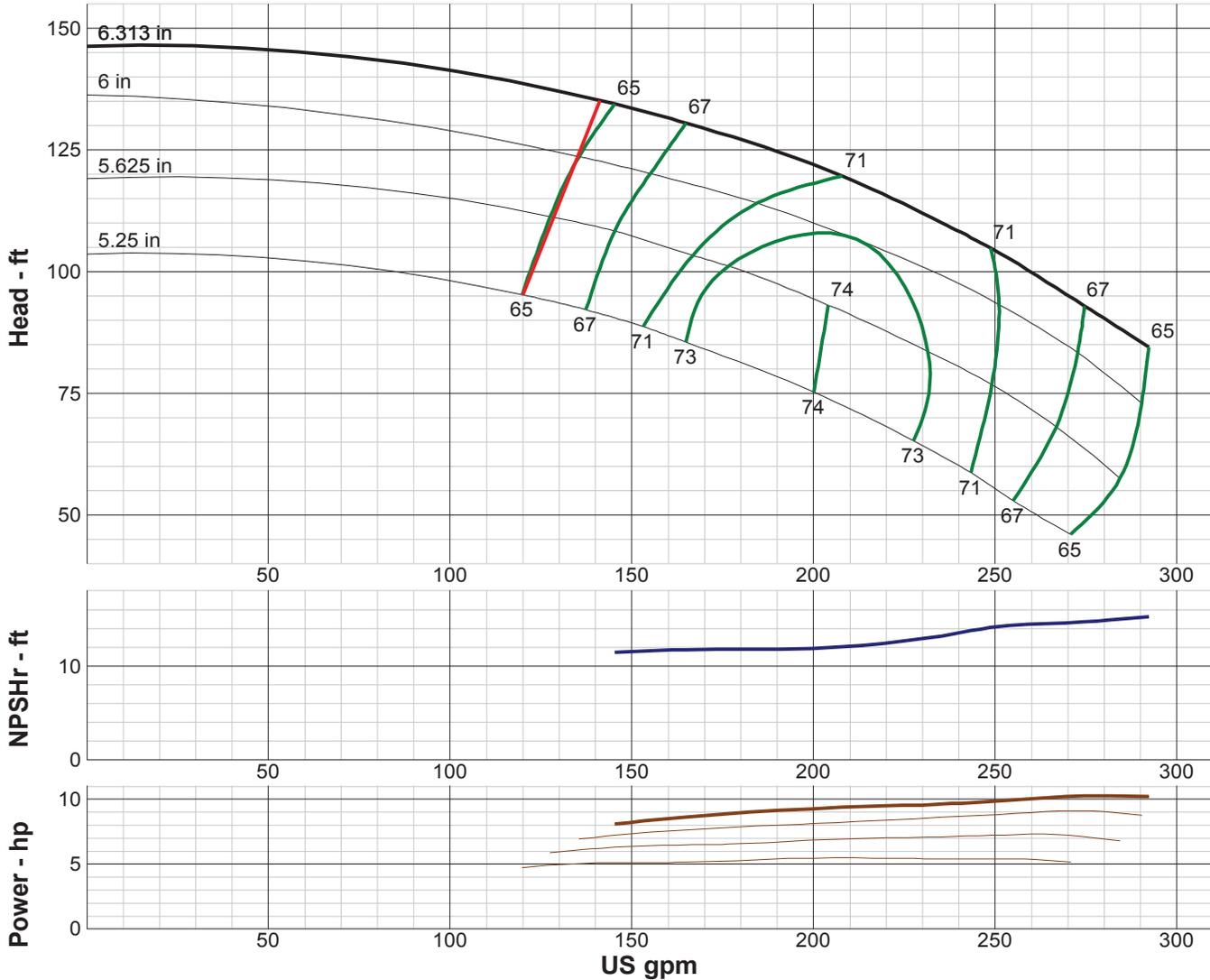


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FJC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3628	TRIM ANGLE: 0°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=2.98	
EYE AREA	3.65 SQ. IN.	
WEIGHT	5.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

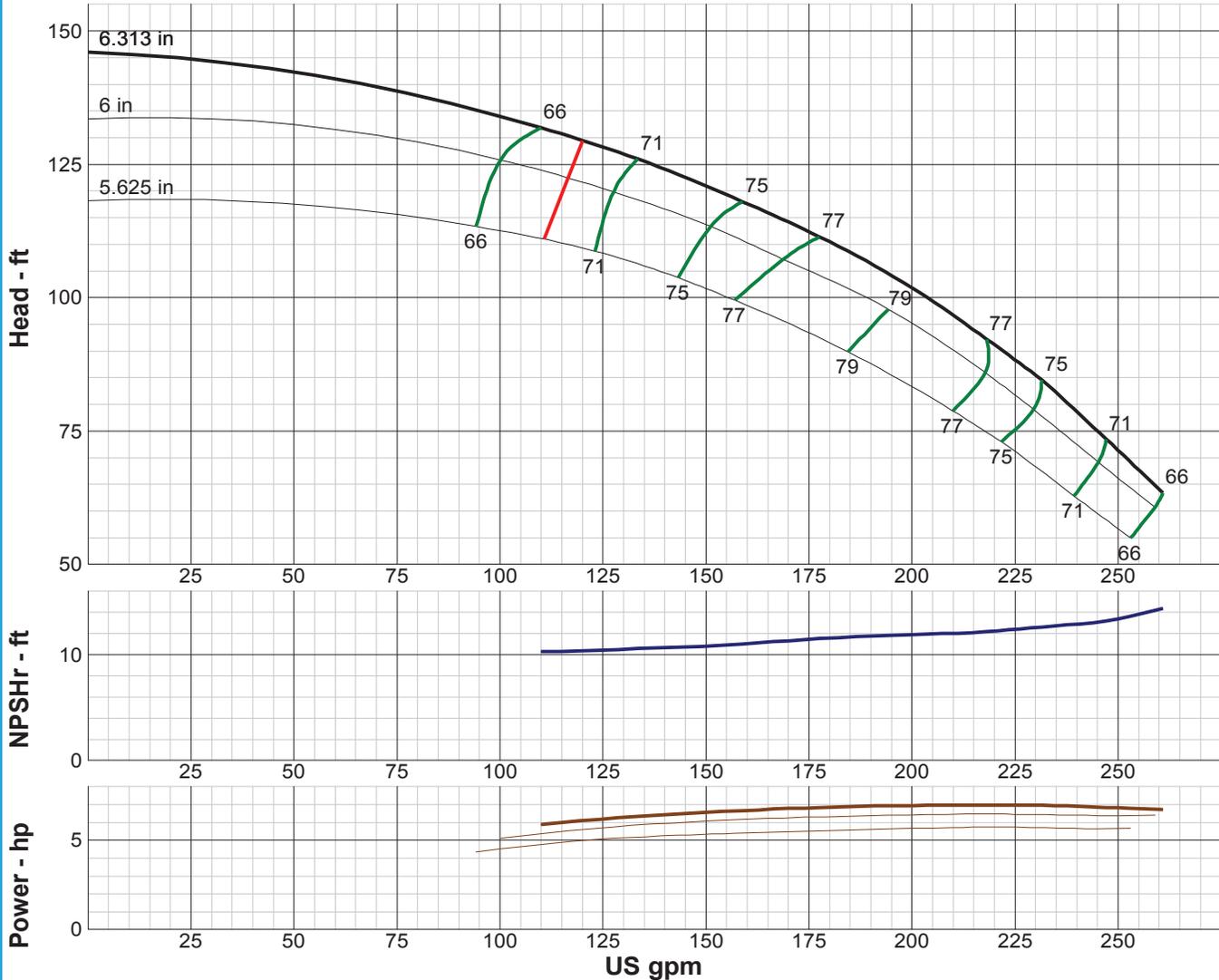


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FJS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3692	TRIM ANGLE: 0°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=3.52	
EYE AREA	3.18 SQ. IN.	
WEIGHT	3.55 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	0	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

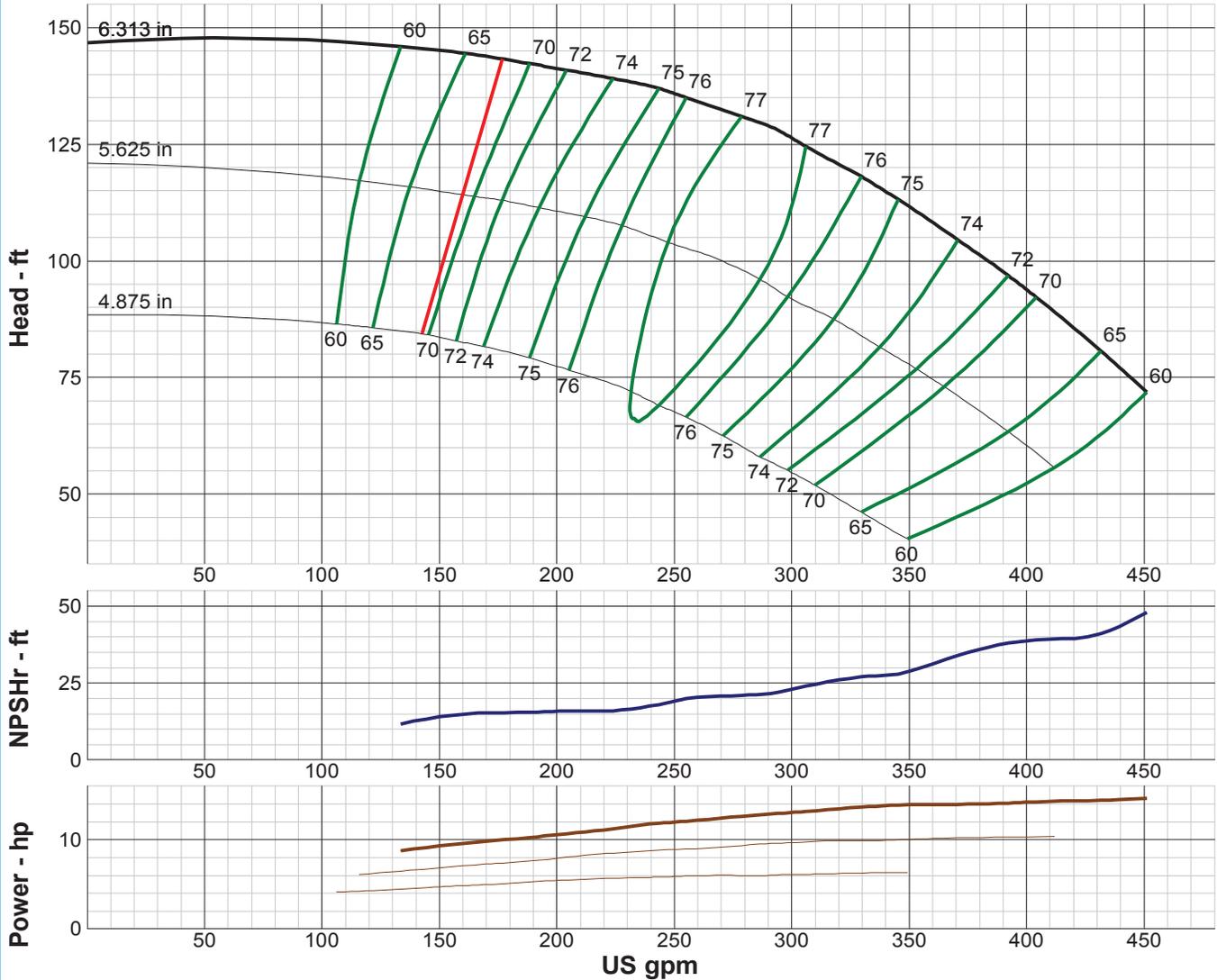


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FLC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3630	TRIM ANGLE: 0°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=2.98	
EYE AREA	4.64 SQ. IN.	
WEIGHT	5.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

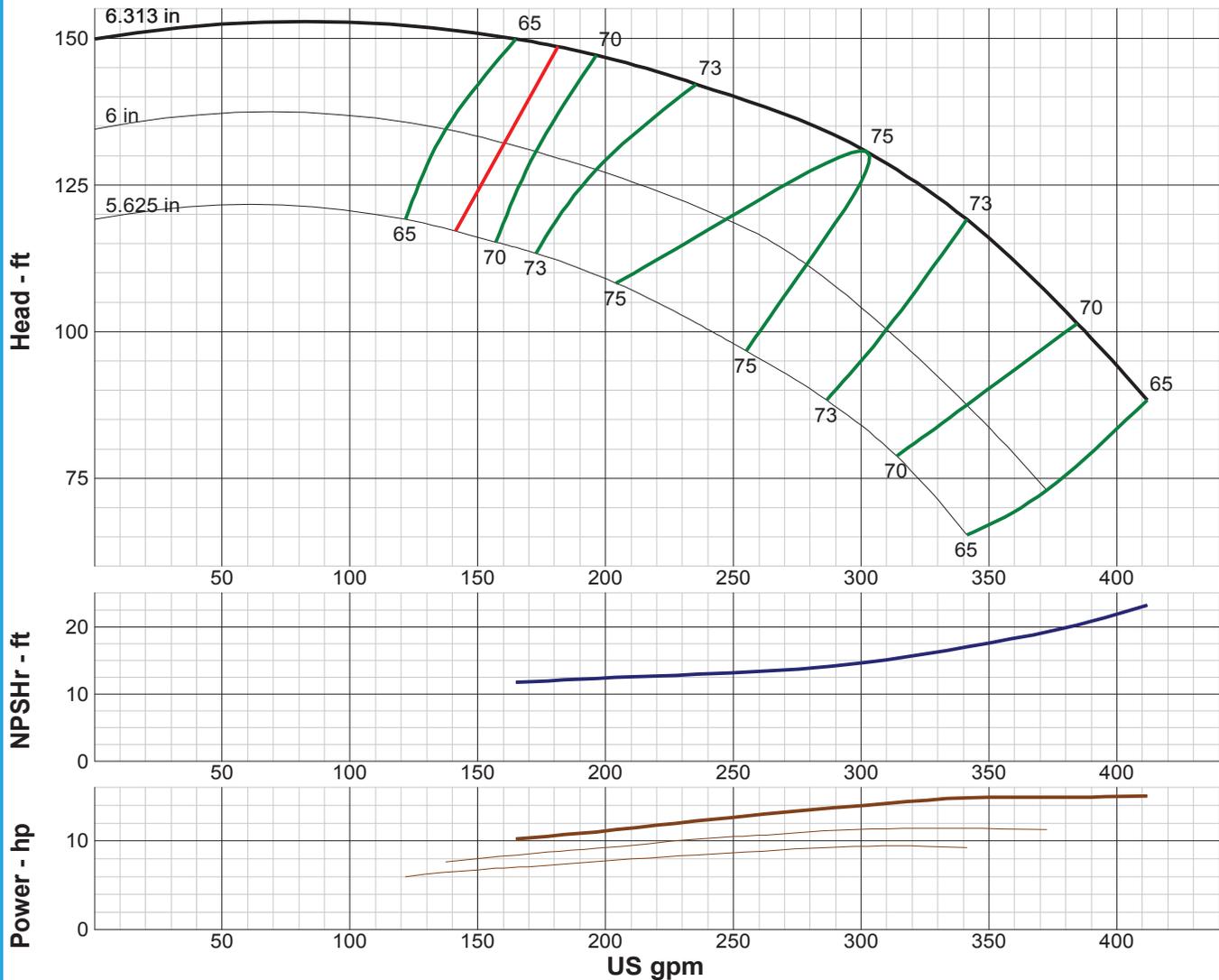


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FLS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3641	TRIM ANGLE:	0°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 18 IN.	
THRUST FACTOR	K=3.34		
EYE AREA	4.64 SQ. IN.		
WEIGHT	4.25 LB.		

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	0	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

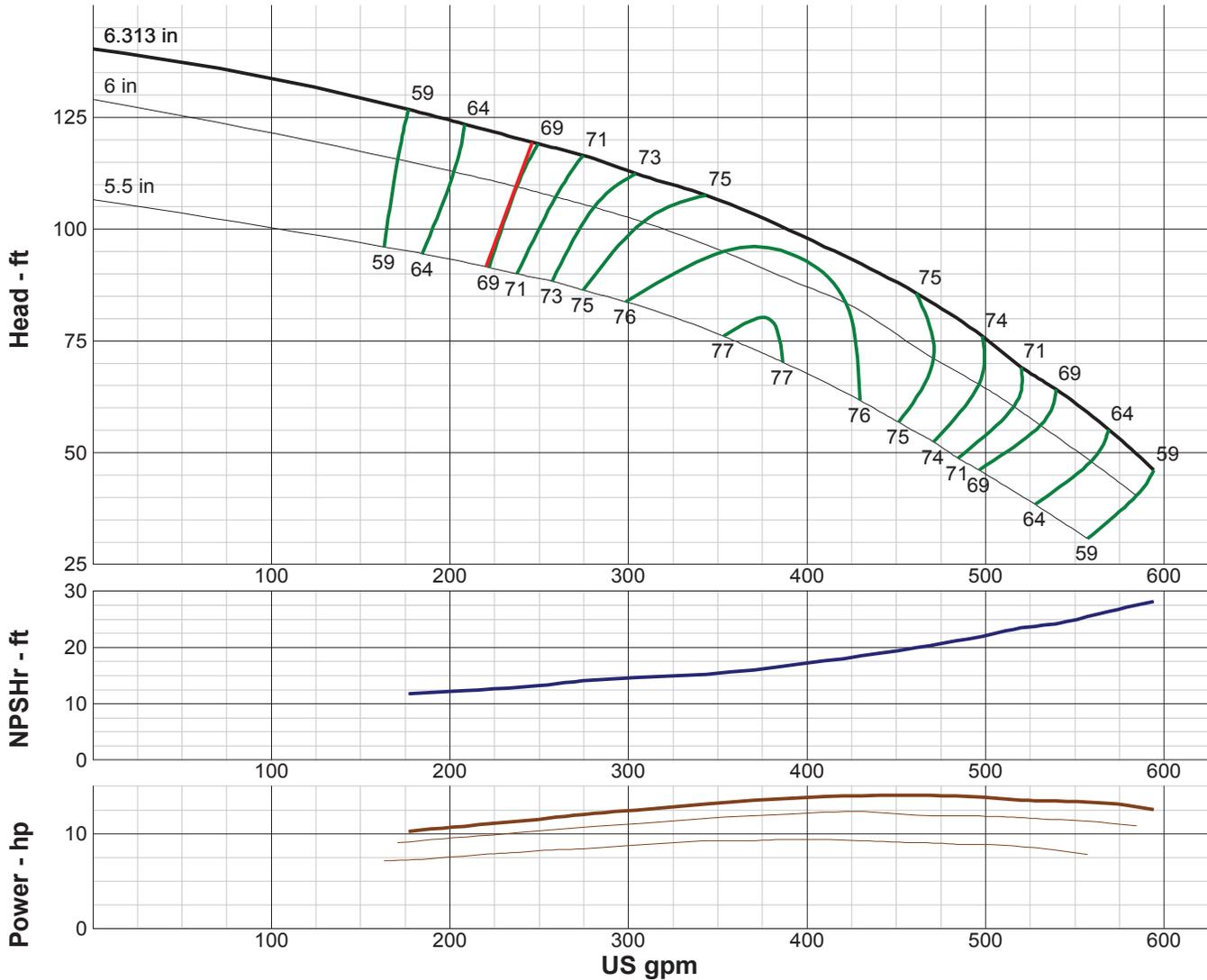


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FKC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3680	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=3.93	
EYE AREA	5.72 SQ. IN.	
WEIGHT	5.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

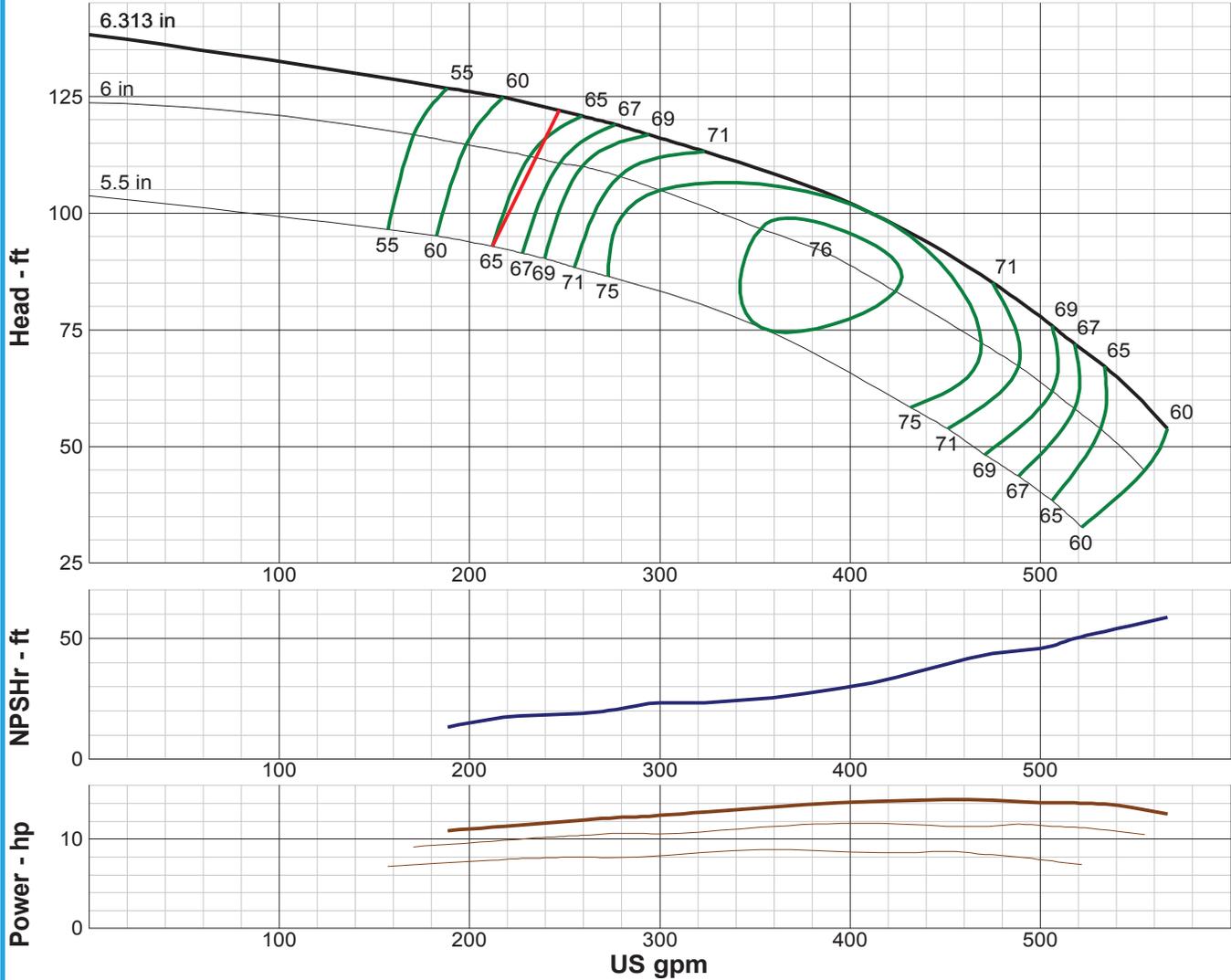


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FKS 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	3693	TRIM ANGLE: 18°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=4.42	
EYE AREA	6.60 SQ. IN.	
WEIGHT	3.75 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA	
BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

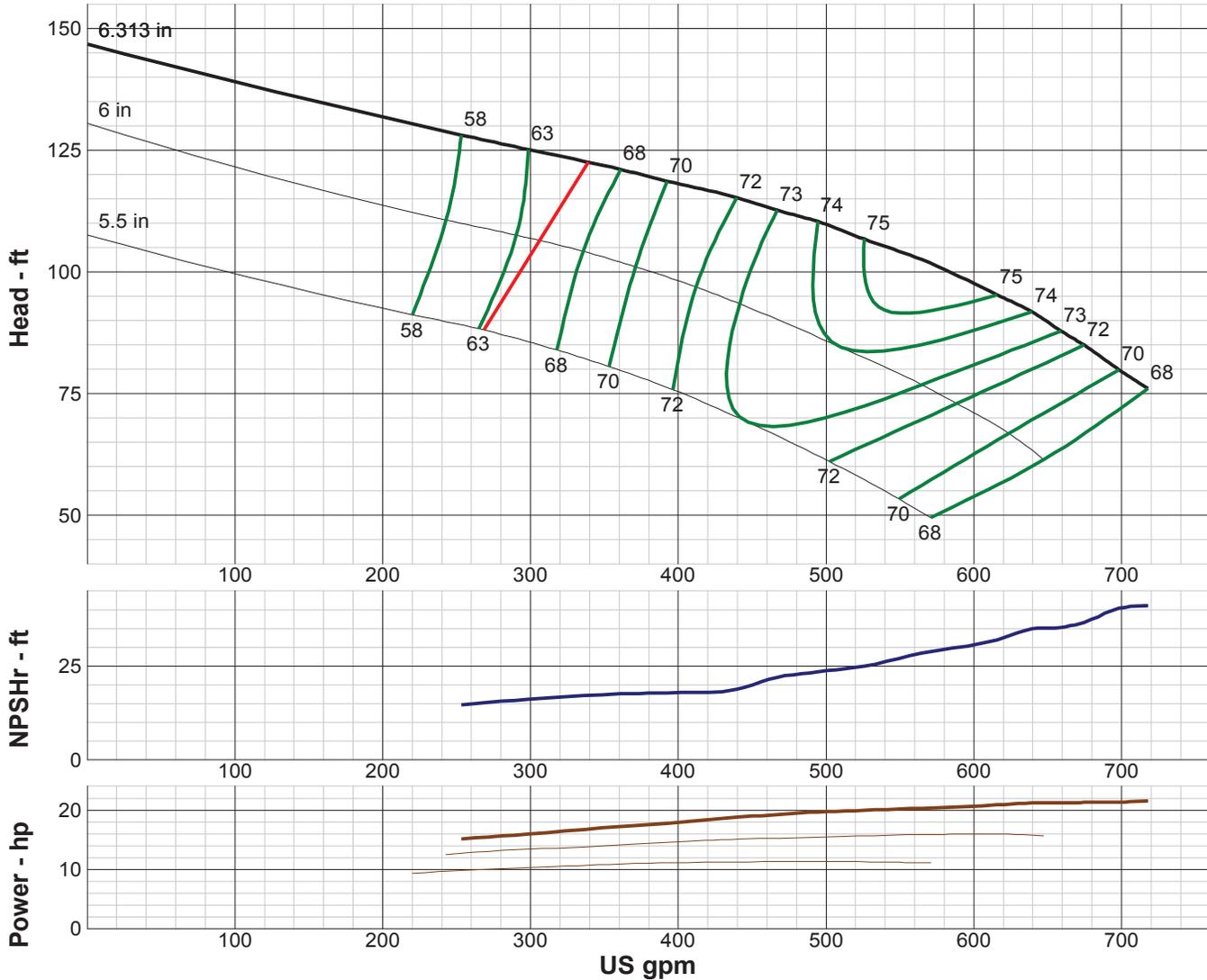


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FMC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	3589	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 22 IN.
THRUST FACTOR	K=3.93	
EYE AREA	6.50 SQ. IN.	
WEIGHT	5.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA	
BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

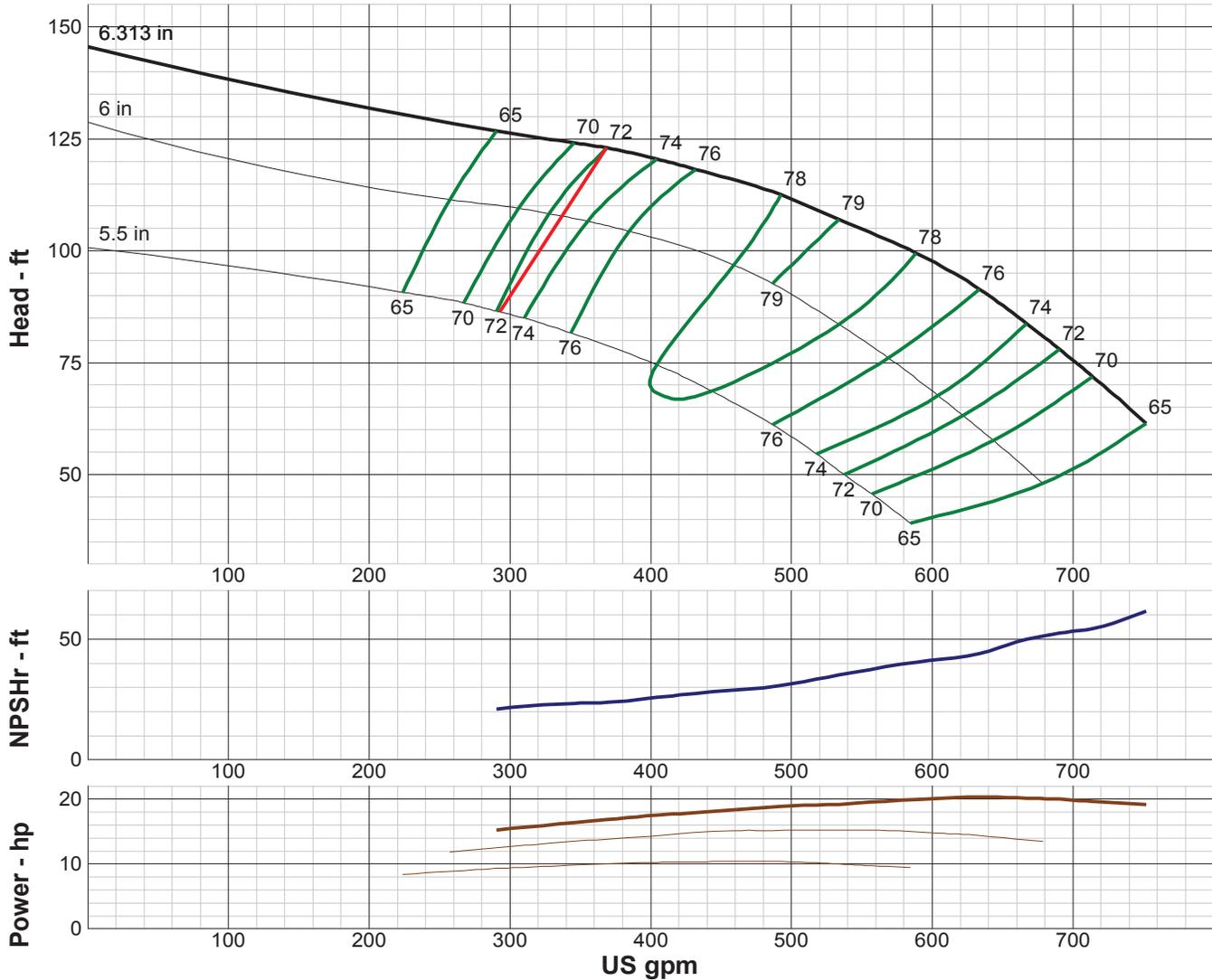


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FMS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3590	TRIM ANGLE: 27.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=4.28	
EYE AREA	6.60 SQ. IN.	
WEIGHT	4.125 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

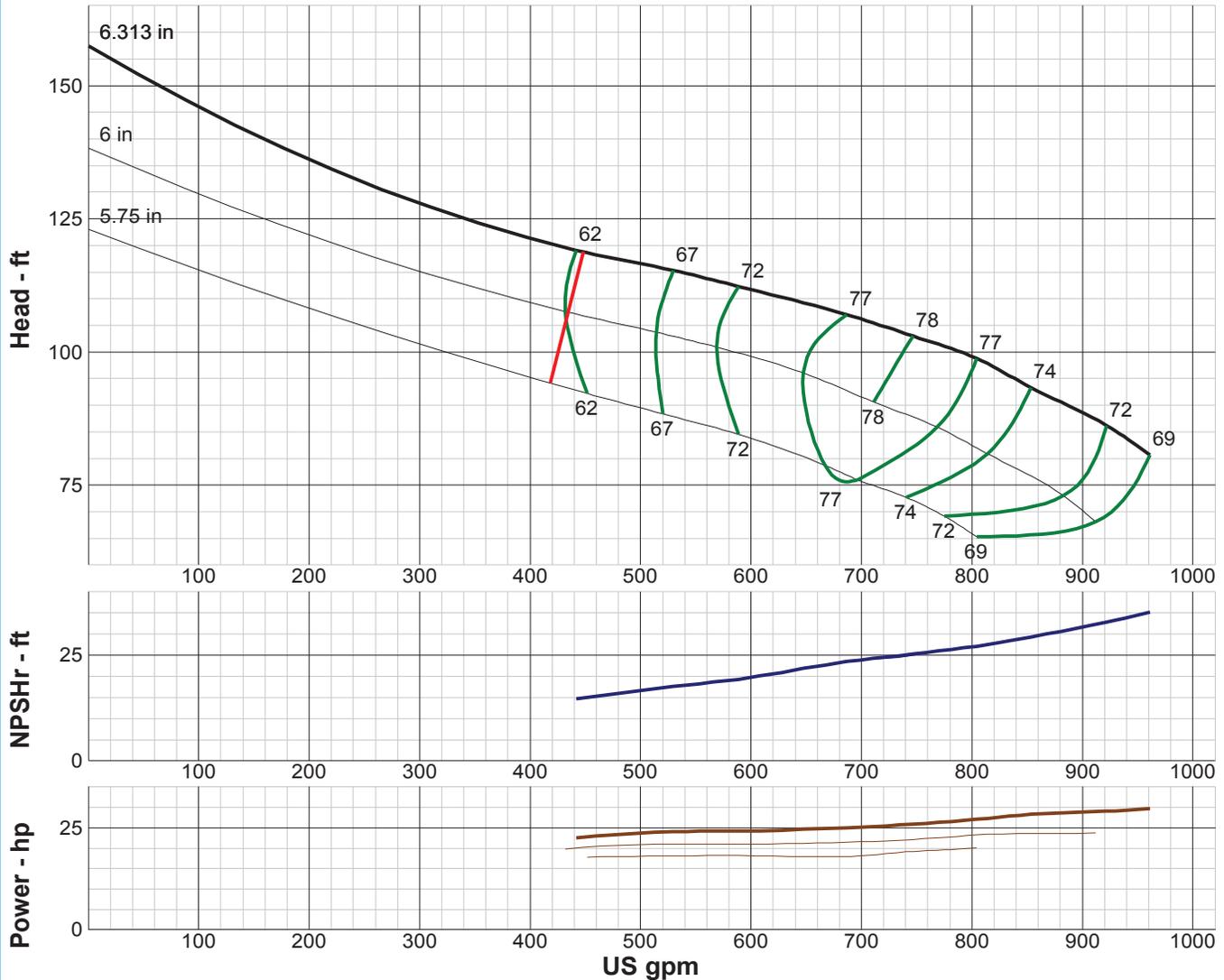


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FEHC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	2978	TRIM ANGLE: 29.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 22 IN.
THRUST FACTOR	K=5.40	
EYE AREA	8.33 SQ. IN.	
WEIGHT	5.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	2883
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

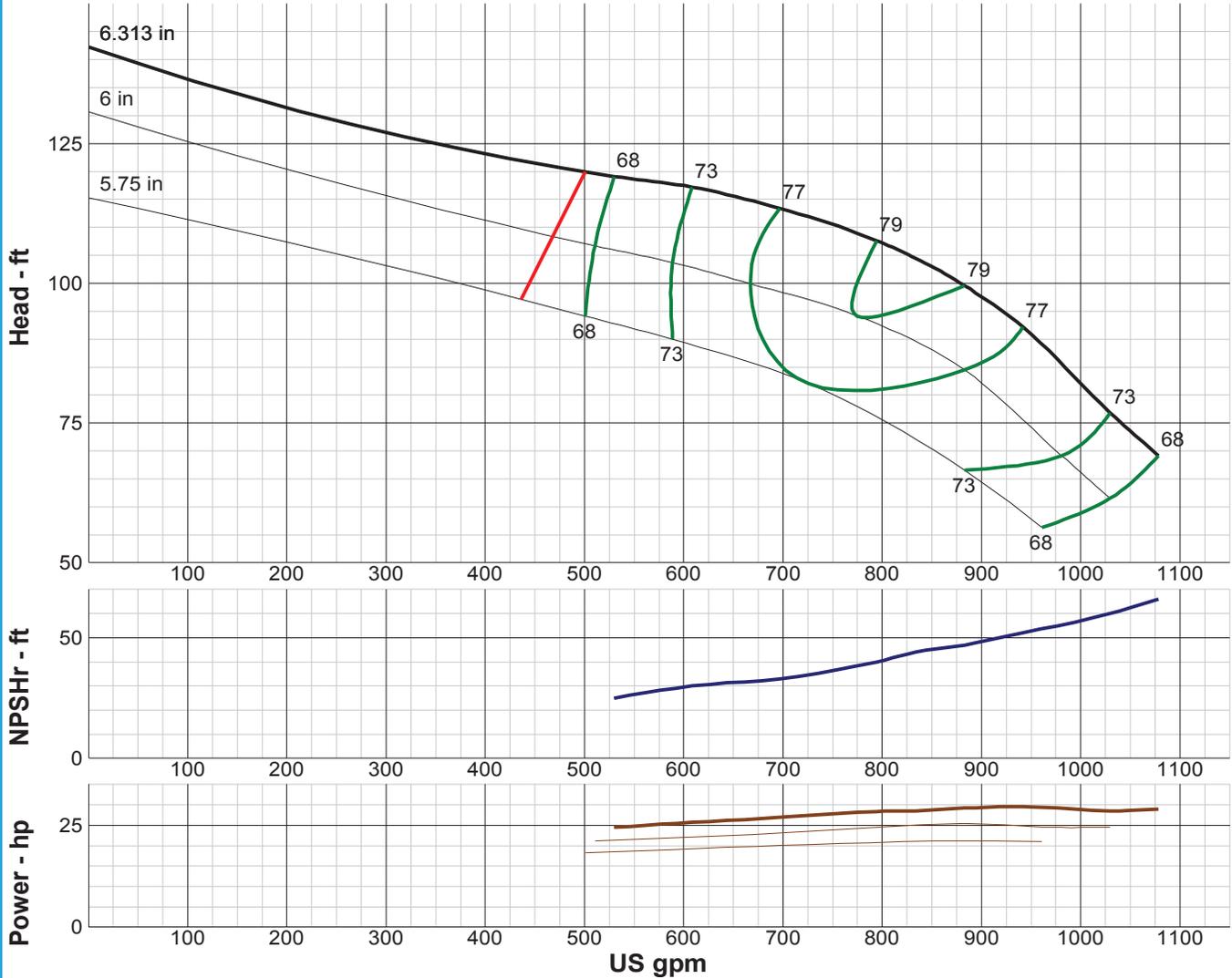


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FEHS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	2981	TRIM ANGLE: 29.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=5.40	
EYE AREA	8.48 SQ. IN.	
WEIGHT	3.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	2883
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

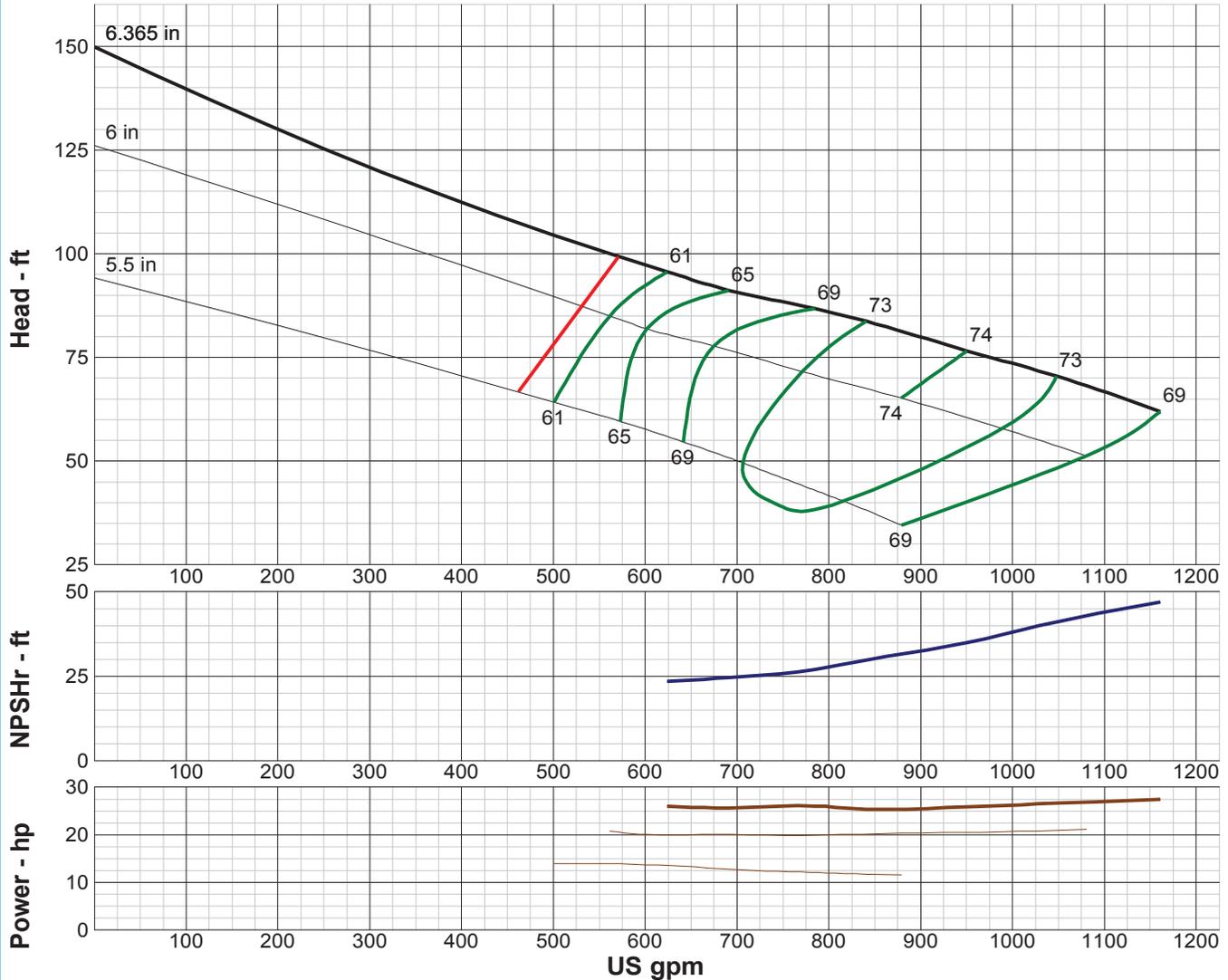


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FYC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	5502	TRIM ANGLE: 37°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=8.00	
EYE AREA	15.9 SQ. IN.	
WEIGHT	5.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	5503
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	139 LB.
ADD STAGE WEIGHT	39 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.125 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

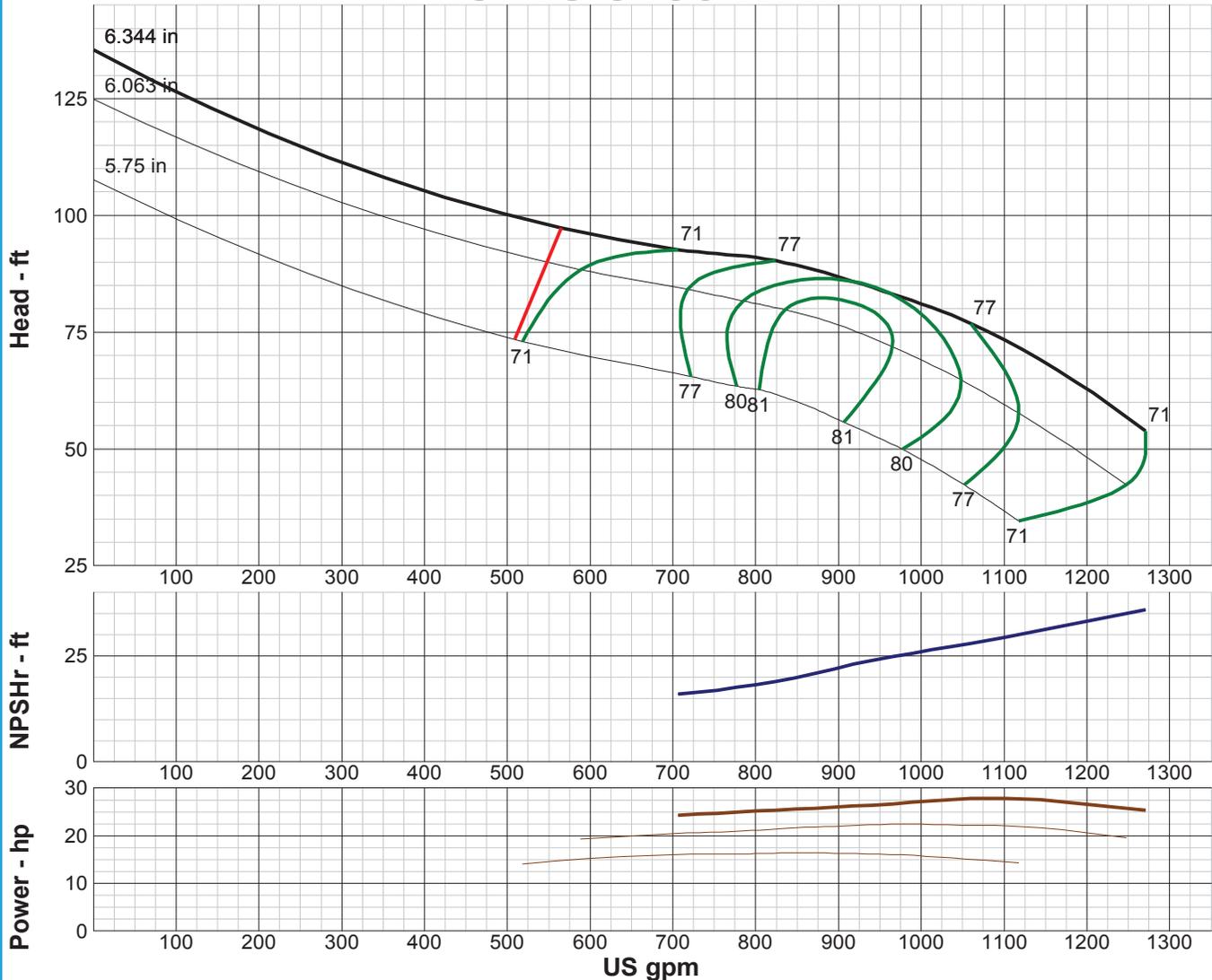


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FYS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	5506	TRIM ANGLE: 37°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=8.00	
EYE AREA	15.9 SQ. IN.	
WEIGHT	5.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-5
BOWL MATERIAL:	-2	-2	-2	-4

FLANGED BOWL DATA

BOWL NUMBER	5503
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	139 LB.
ADD STAGE WEIGHT	39 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.125 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

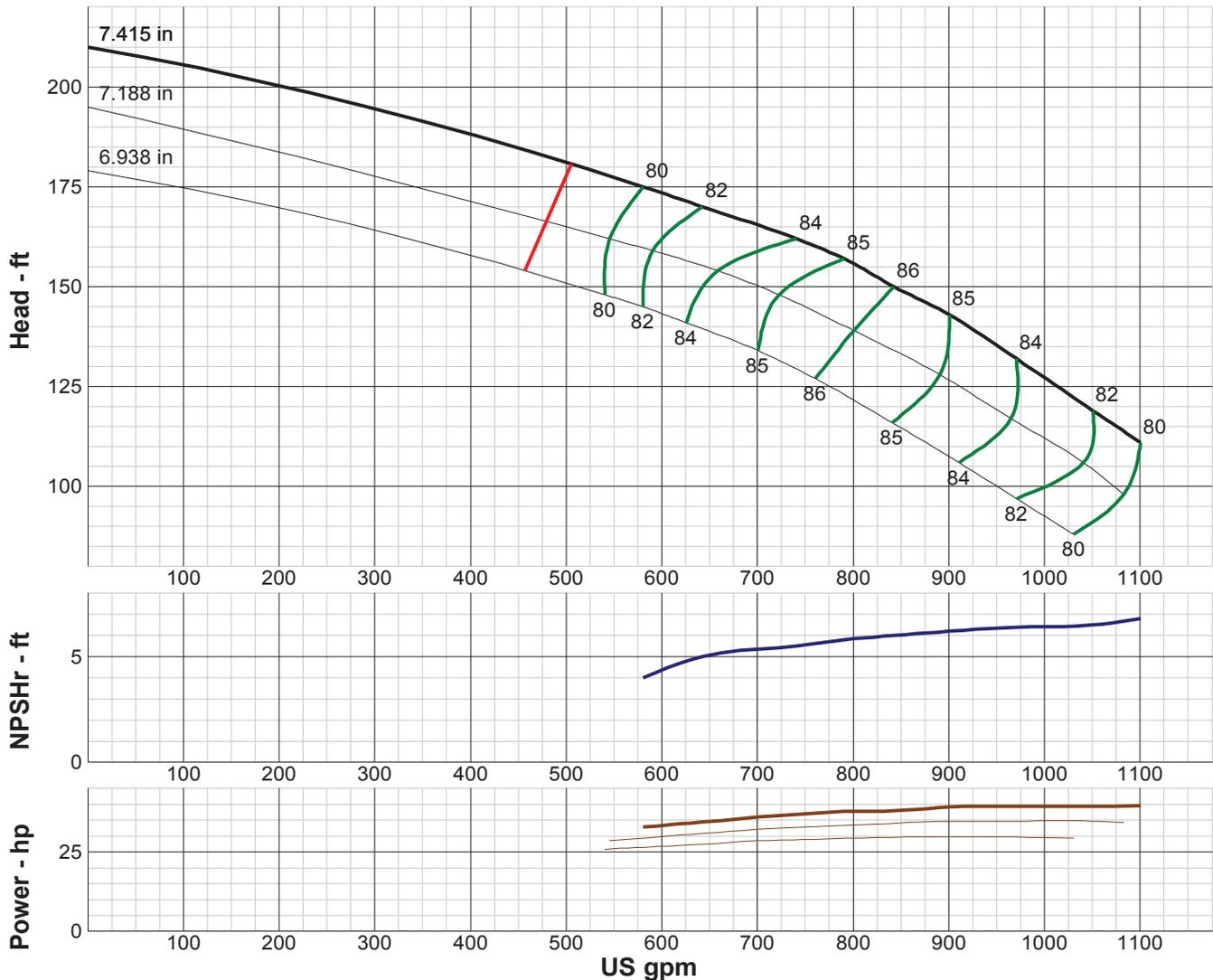


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

9FLC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	7747	TRIM ANGLE: 17°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=4.90	
EYE AREA	12.4 SQ. IN.	
WEIGHT	8.20 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-2	-1	-0.5	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	7038
BOWL MAX. DIAMETER	9.438 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	145 LB.
ADD STAGE WEIGHT	50 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

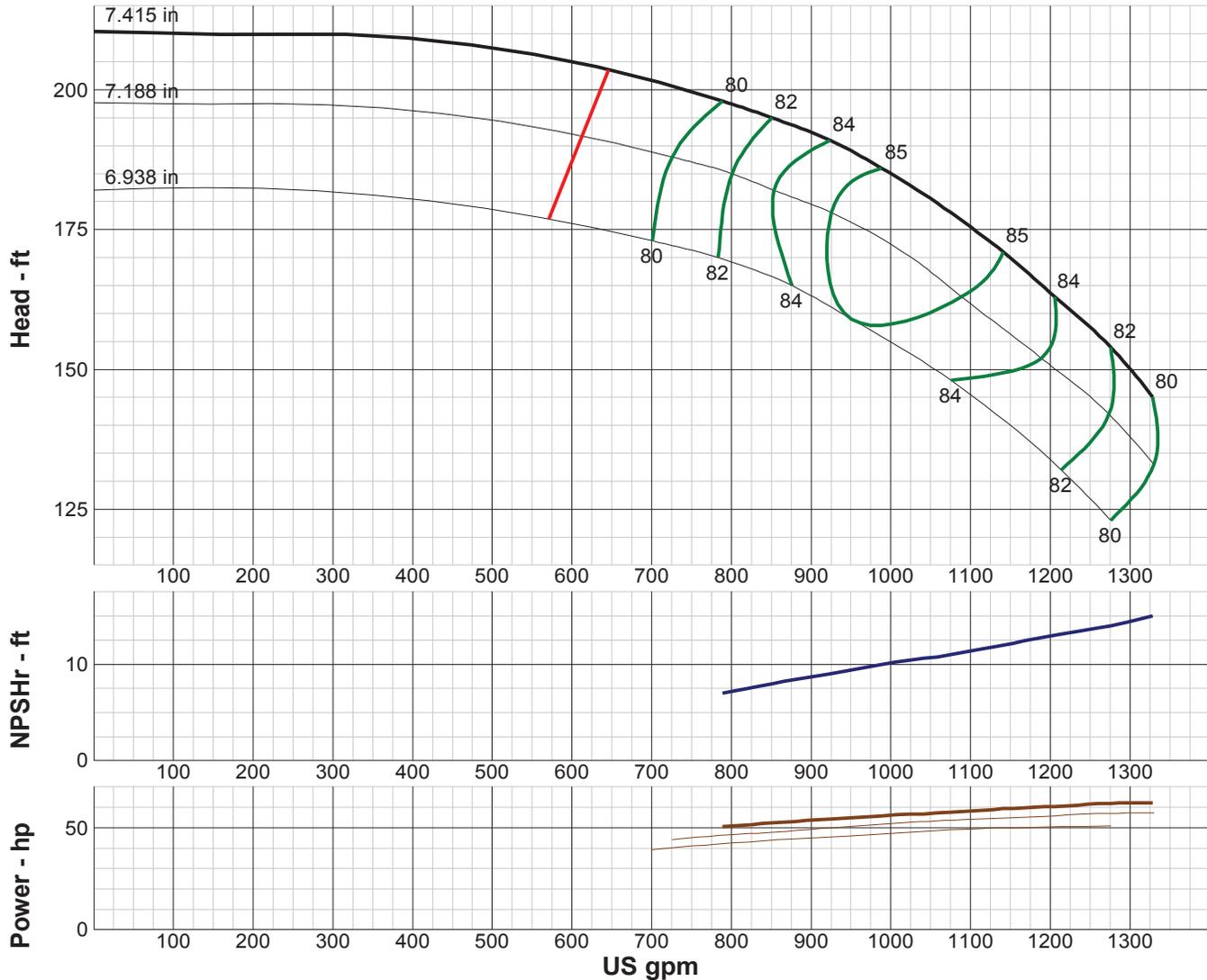


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

9FHC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	7756	TRIM ANGLE: 17°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=3.10	
EYE AREA	12.4 SQ. IN.	
WEIGHT	8.20 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-2	-1	-0.5	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	7038
BOWL MAX. DIAMETER	9.438 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	145 LB.
ADD STAGE WEIGHT	50 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

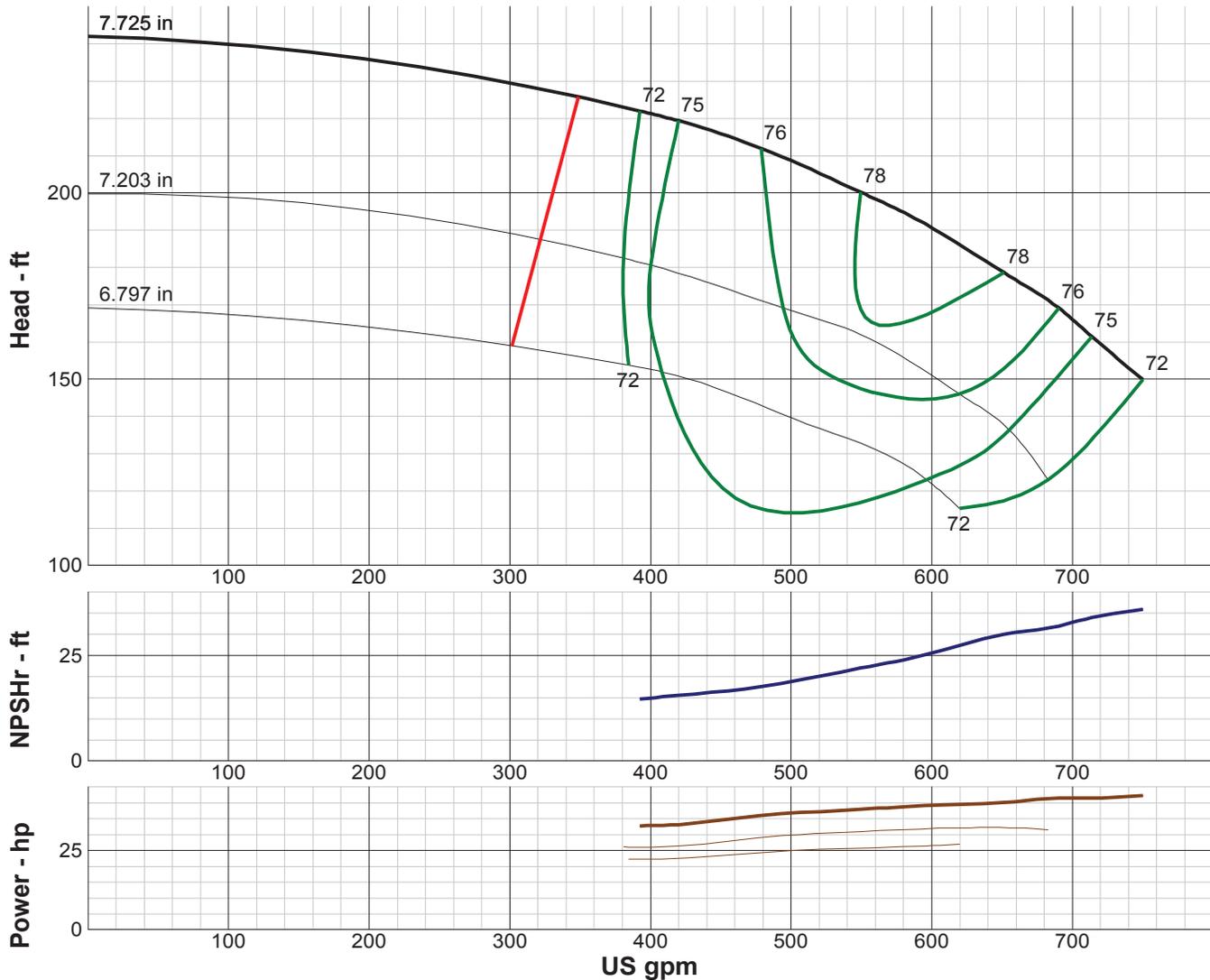


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FJC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3094	TRIM ANGLE: 25.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=3.98	
EYE AREA	7.89 SQ. IN.	
WEIGHT	9.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-5	-4	-3	-2	-1
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3096
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.438 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

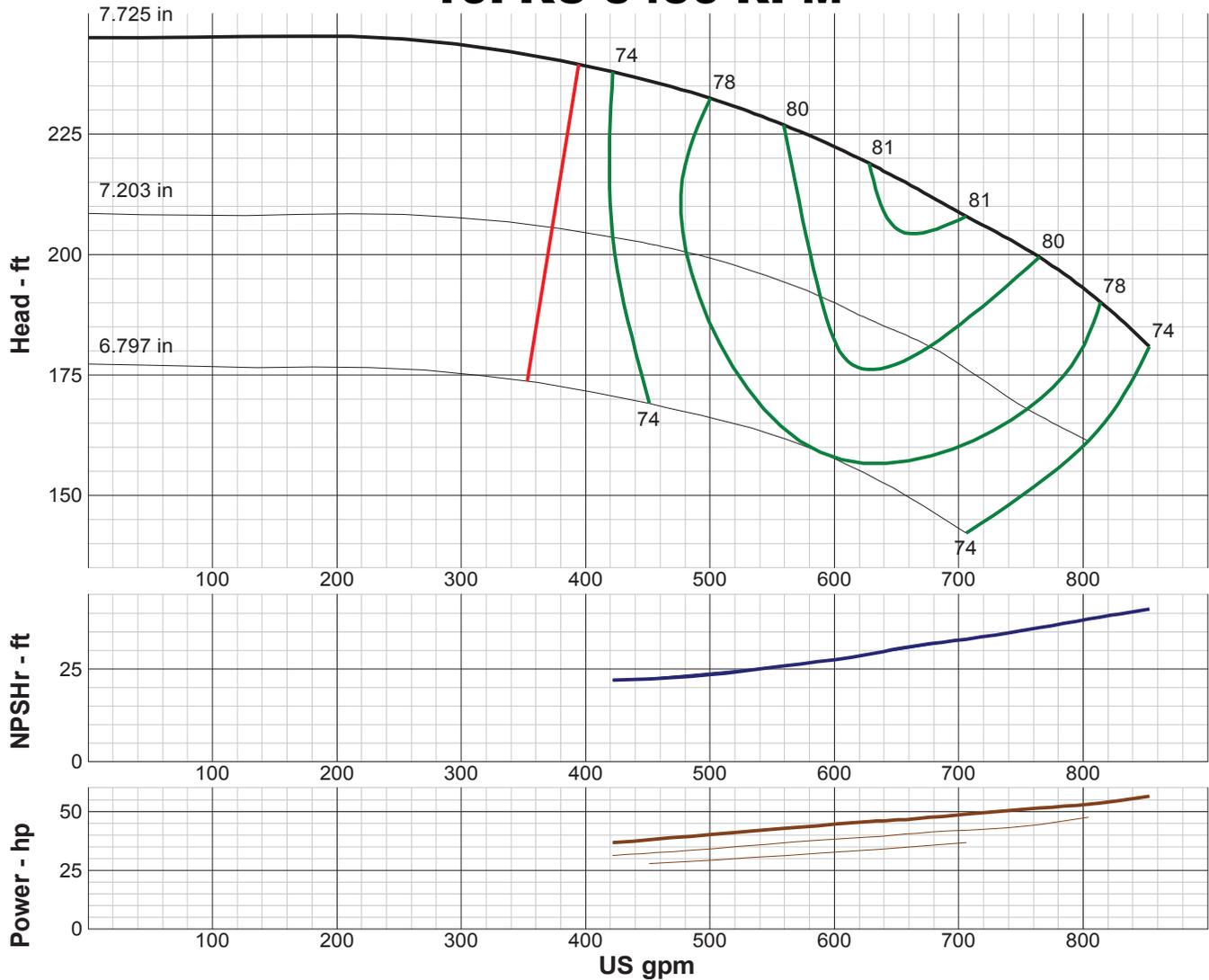


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FKC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3095	TRIM ANGLE: 25.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=4.20	
EYE AREA	7.89 SQ. IN.	
WEIGHT	9.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-5	-4	-3	-2	-1
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3096
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.438 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

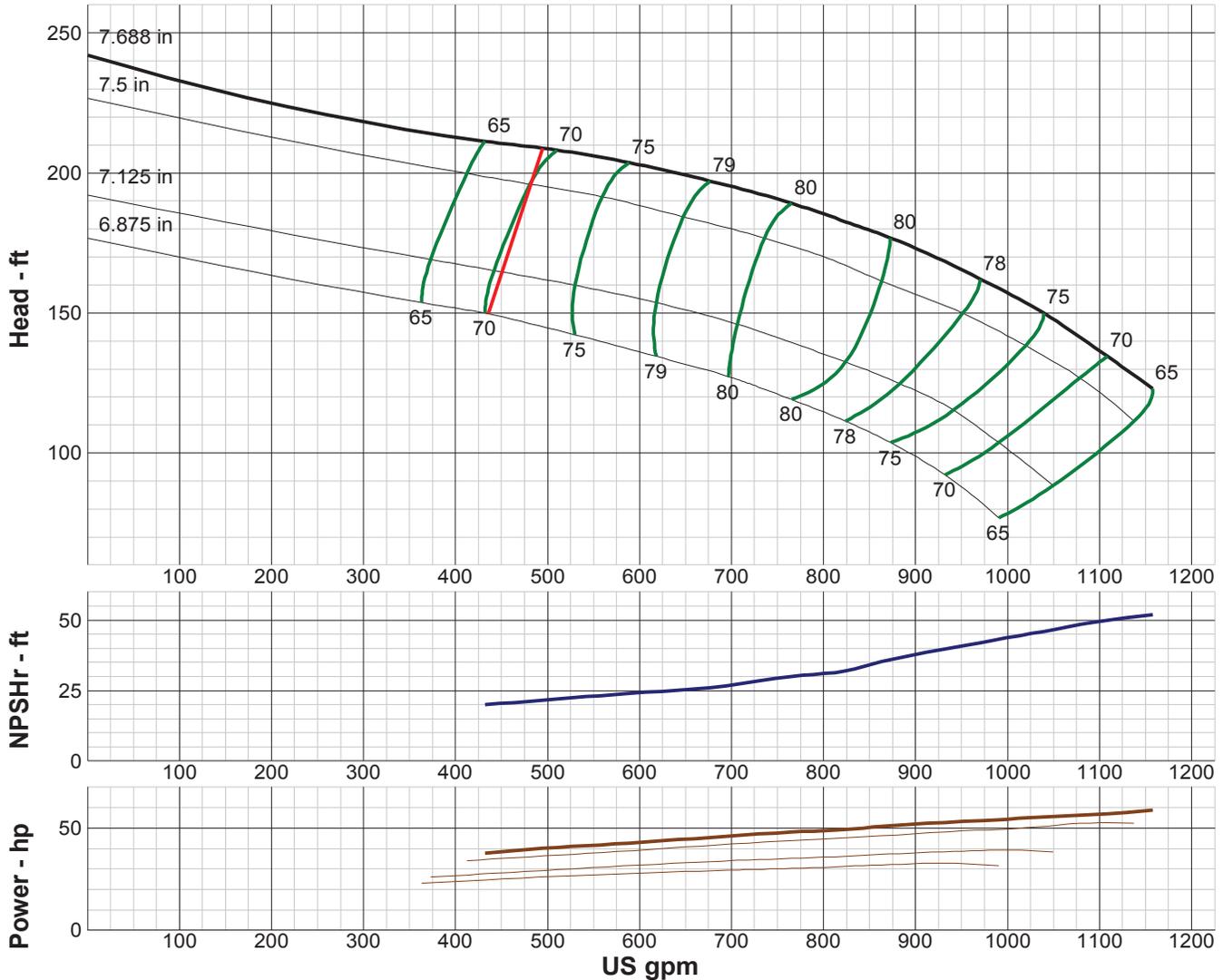


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FLC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3102	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=6.60	
EYE AREA	10.2 SQ. IN.	
WEIGHT	9.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.563 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

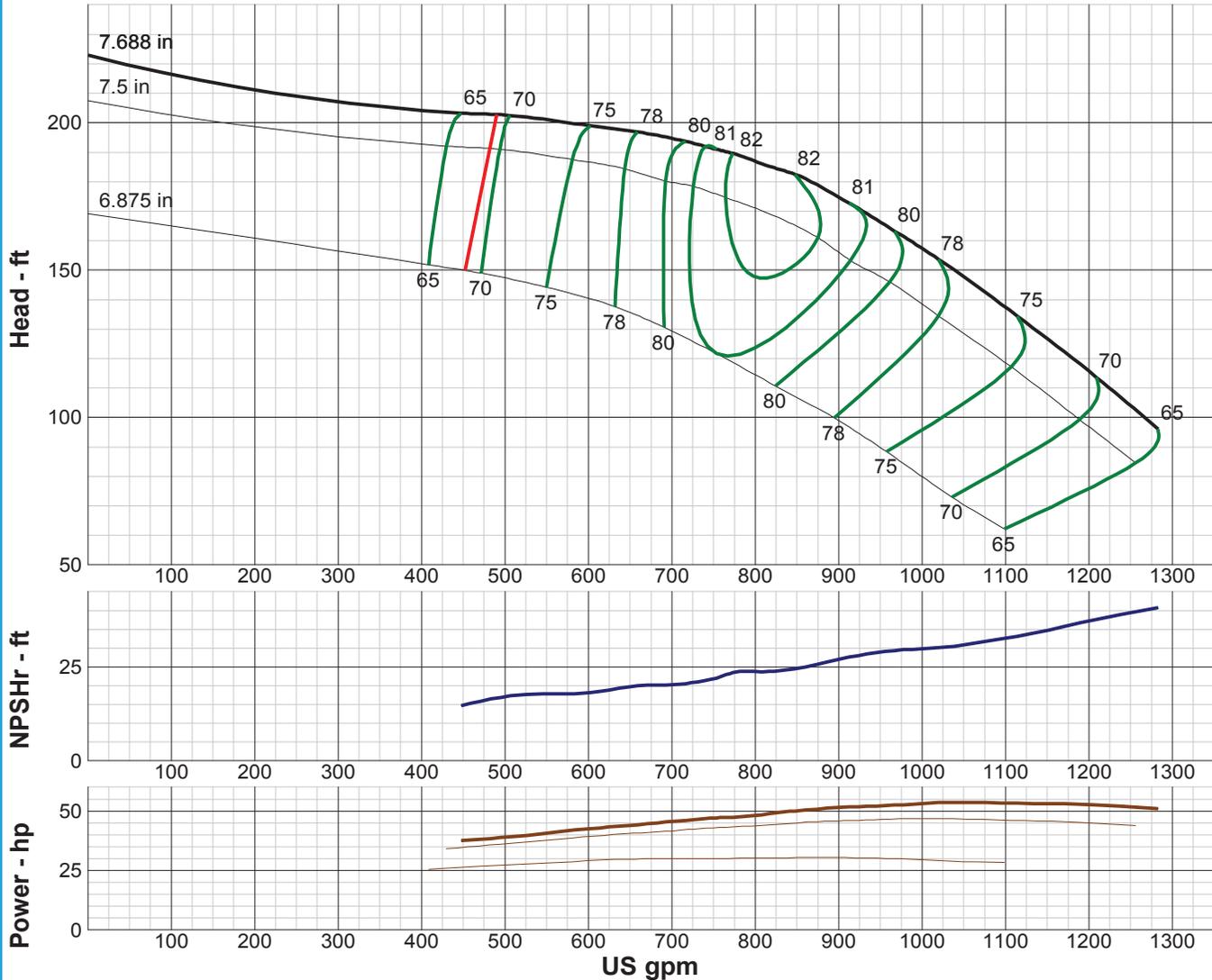


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FLS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3103	TRIM ANGLE: 20°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 38 IN.
THRUST FACTOR	K=7.50	
EYE AREA	11.7 SQ. IN.	
WEIGHT	6.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

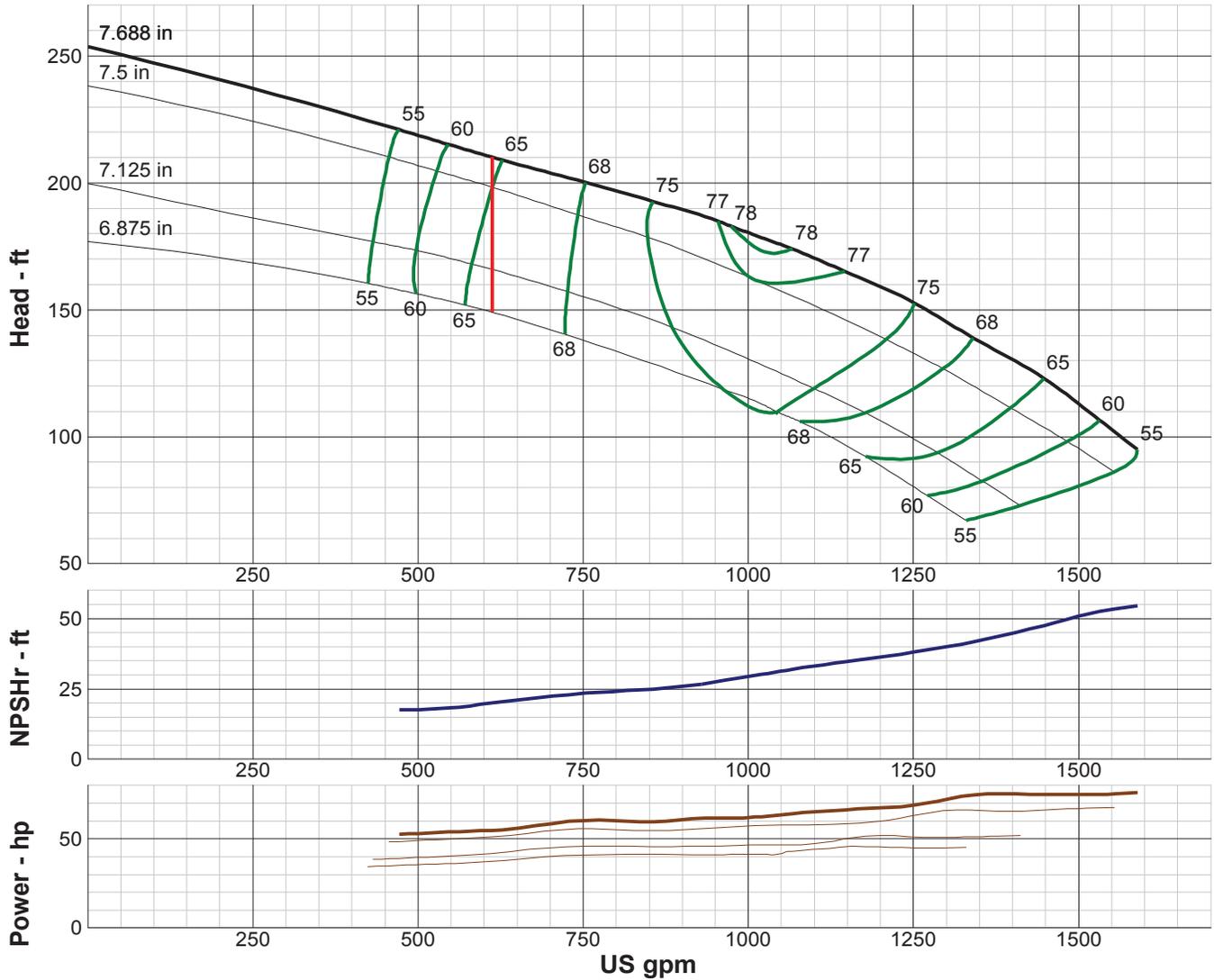


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FMC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	3097	TRIM ANGLE: 26°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=6.60	
EYE AREA	11.7 SQ. IN.	
WEIGHT	8.50 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

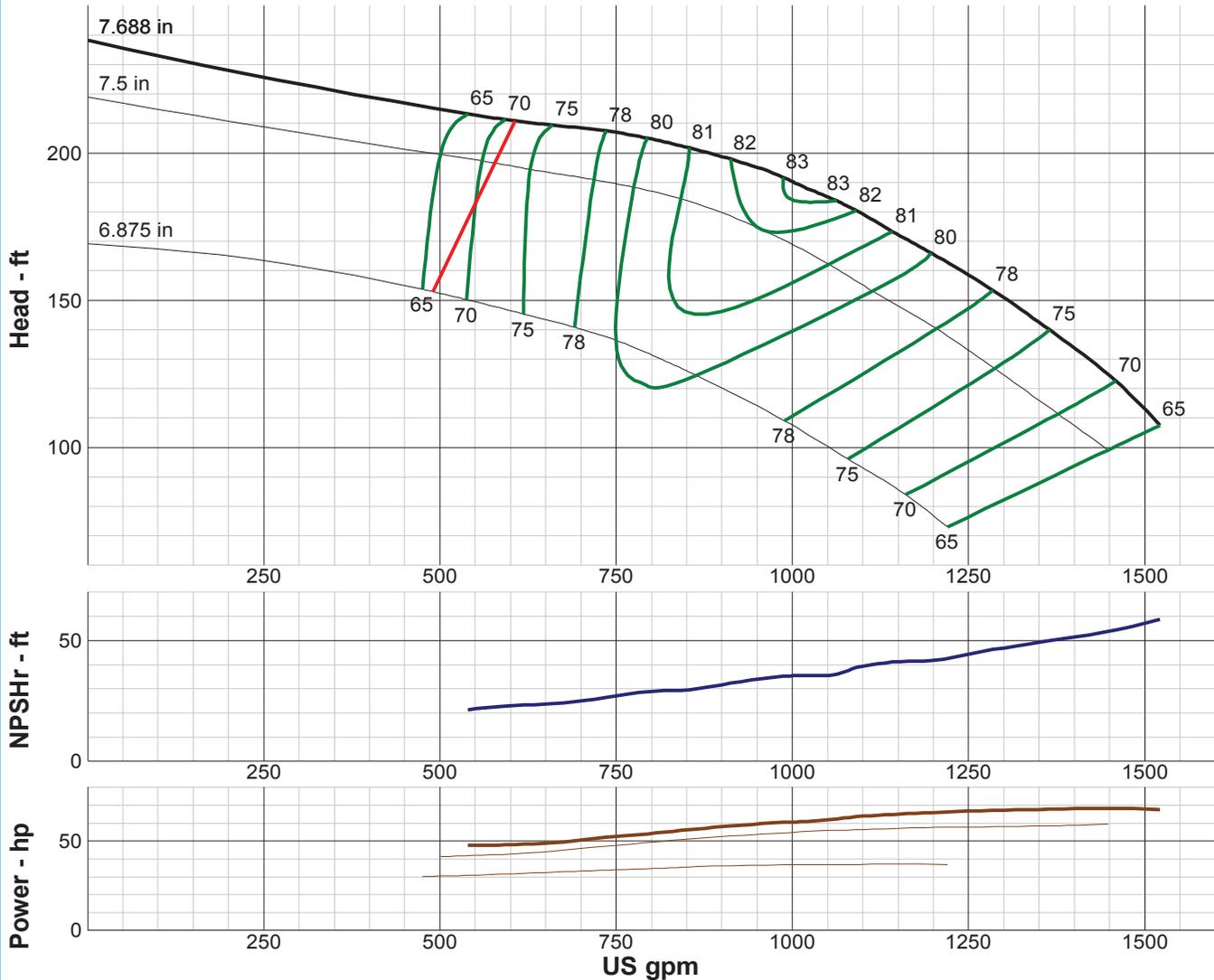


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FMS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3099	TRIM ANGLE: 26°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 38 IN.
THRUST FACTOR	K=7.50	
EYE AREA	11.7 SQ. IN.	
WEIGHT	5.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

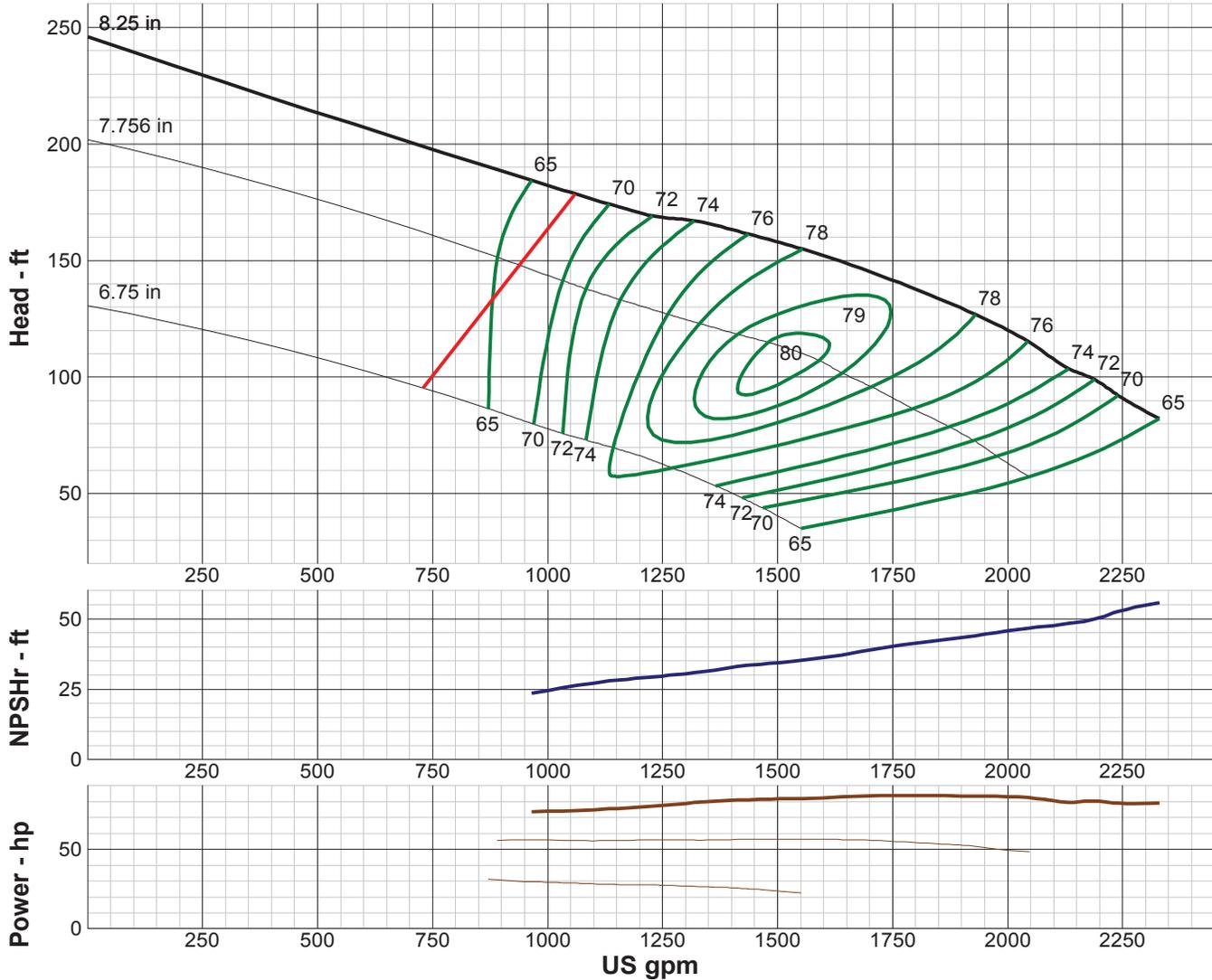


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FWC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	3577	TRIM ANGLE: 33.25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=10.30	
EYE AREA	19.4 SQ. IN.	
WEIGHT	11.50 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

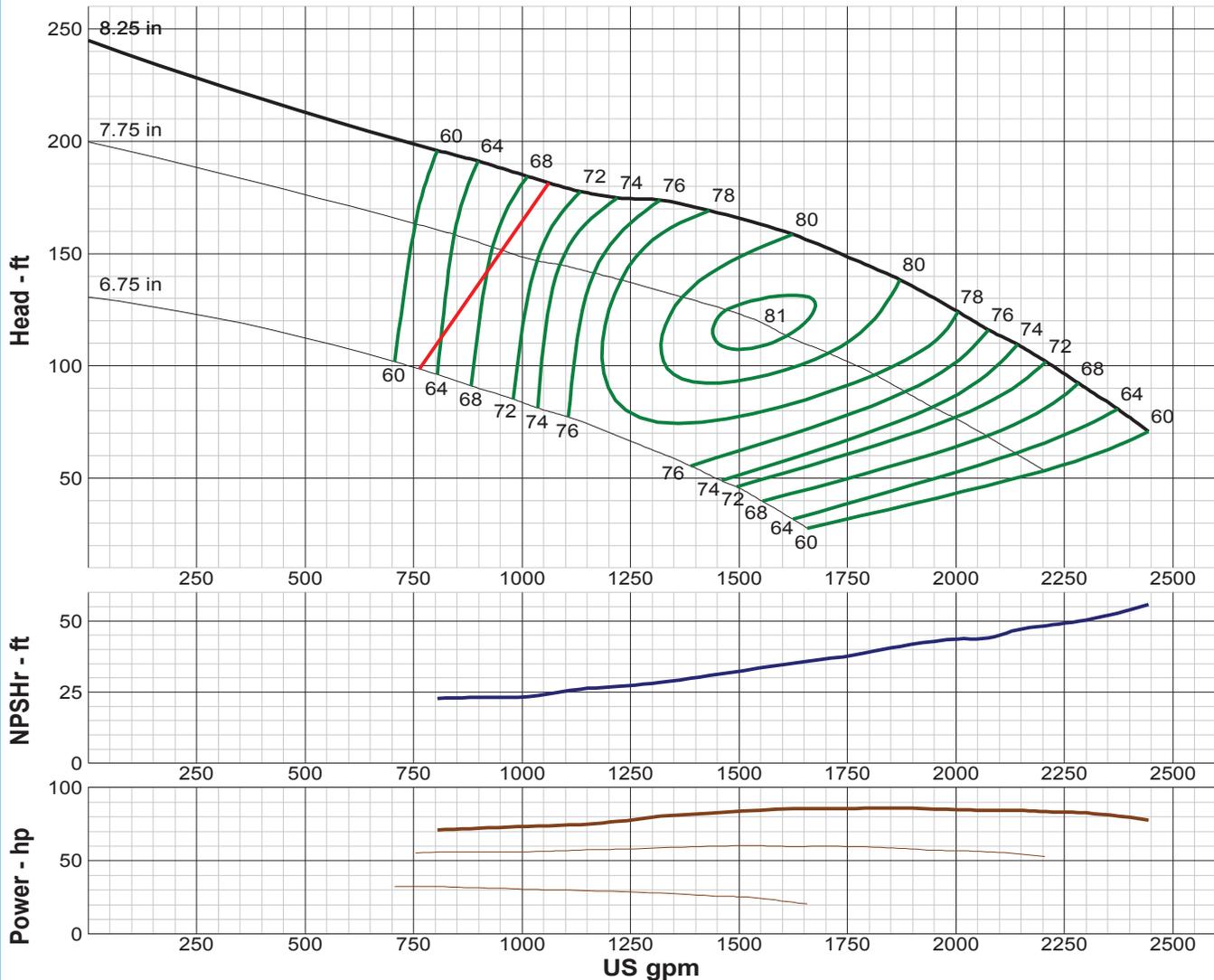


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FWS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3542	TRIM ANGLE: 33.25°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=11.40	
EYE AREA	19.4 SQ. IN.	
WEIGHT	7.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

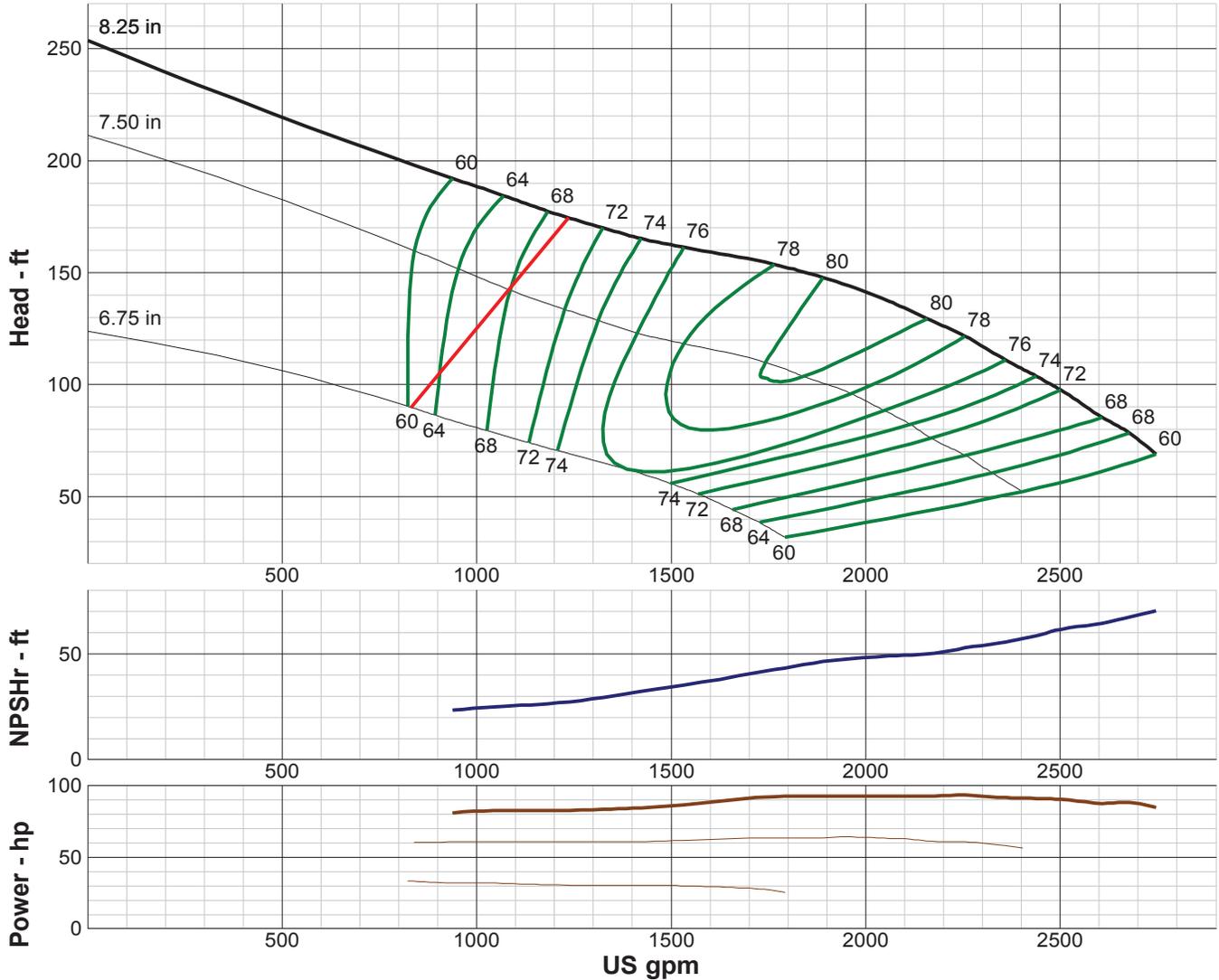


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FYC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	3540	TRIM ANGLE: 33.25° Minimum submergence above eye of bottom impeller: 40 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=10.30	
EYE AREA	19.4 SQ. IN.	
WEIGHT	11.0 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

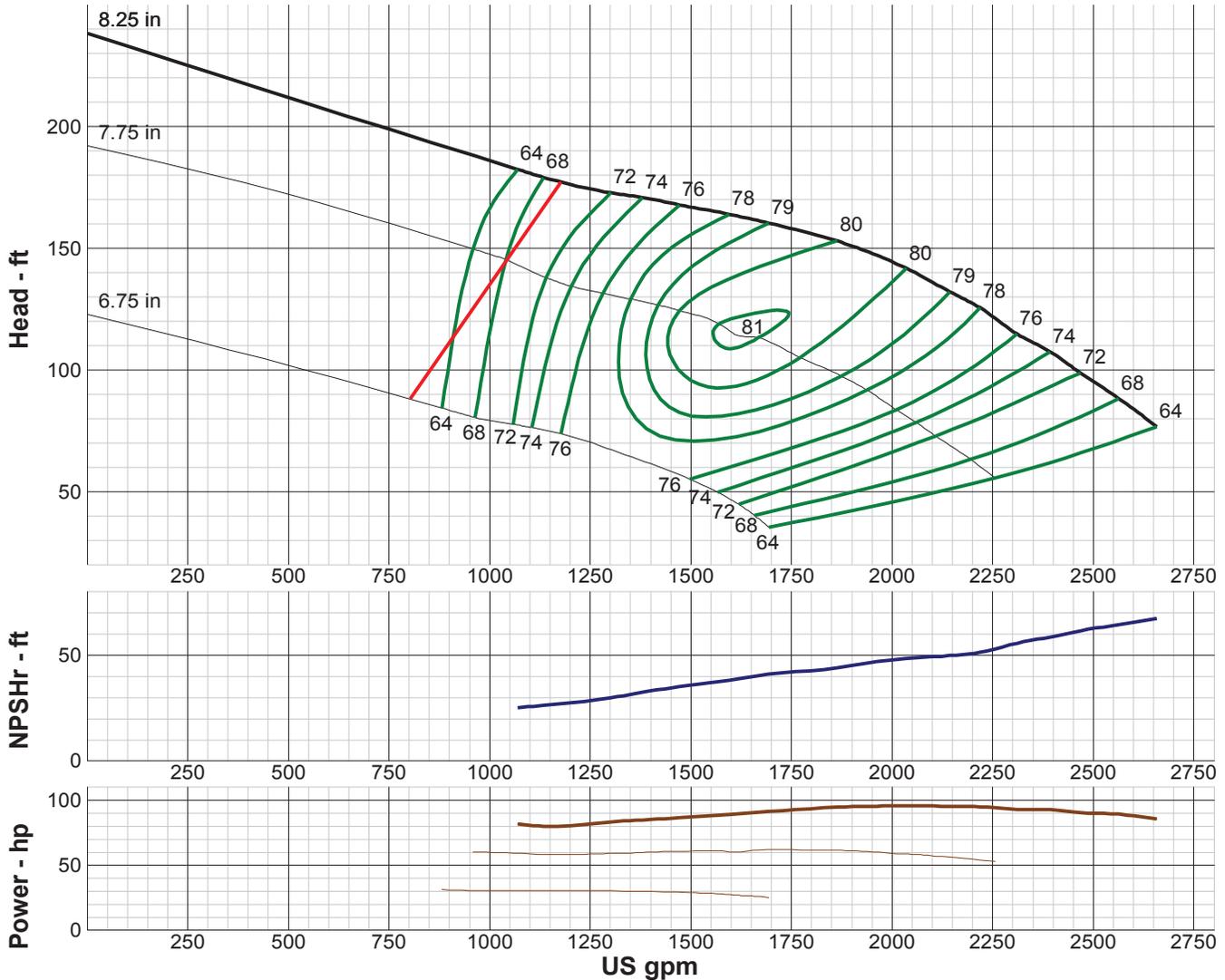


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FYS 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	3542	TRIM ANGLE: 33.25°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 40 IN.
THRUST FACTOR	K=11.40	
EYE AREA	19.4 SQ. IN.	
WEIGHT	7.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

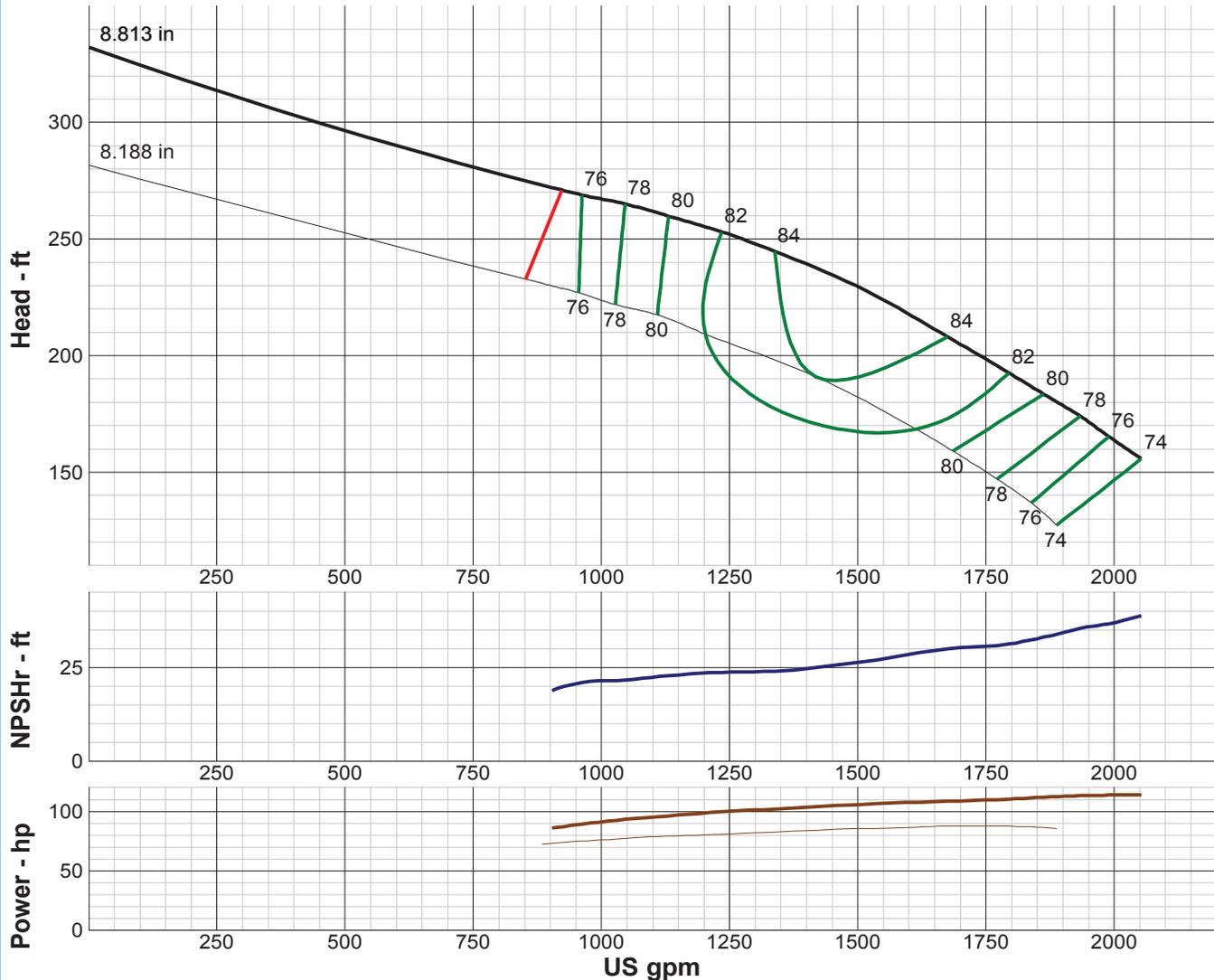


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

11FLC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	0183	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=7.90	
EYE AREA	17.7 SQ. IN.	
WEIGHT	13.30 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	25
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	380 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

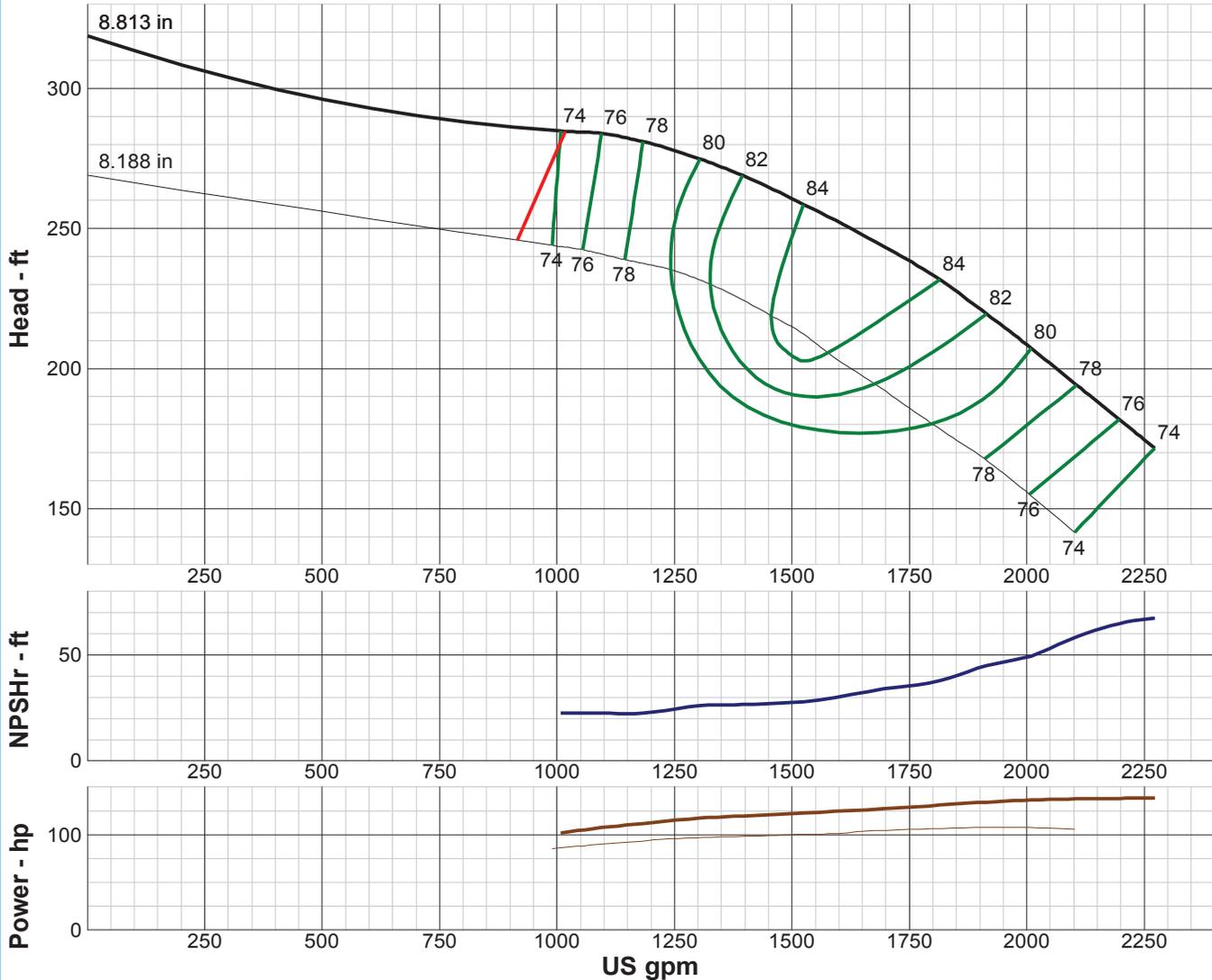


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

11FMC 3450 RPM



IMPELLER DATA		
IMPELLER NUMBER	0184	TRIM ANGLE: 23° Minimum submergence above eye of bottom impeller: 30 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=7.80	
EYE AREA	17.7 SQ. IN.	
WEIGHT	13.30 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	22
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	380 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

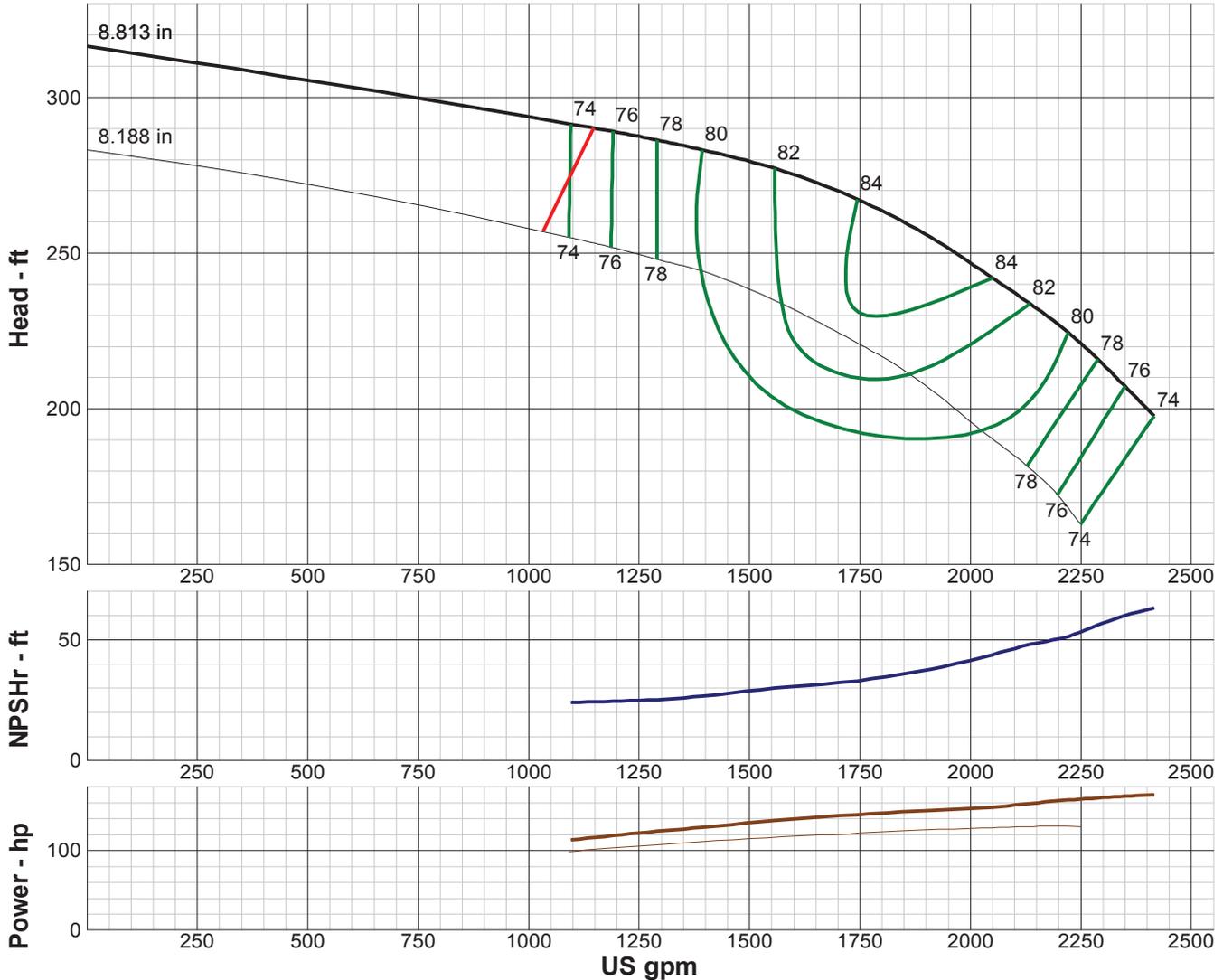


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

11FHC 3450 RPM



IMPELLER DATA

IMPELLER NUMBER	0185	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=7.40	
EYE AREA	17.7 SQ. IN.	
WEIGHT	13.30 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-2

FLANGED BOWL DATA

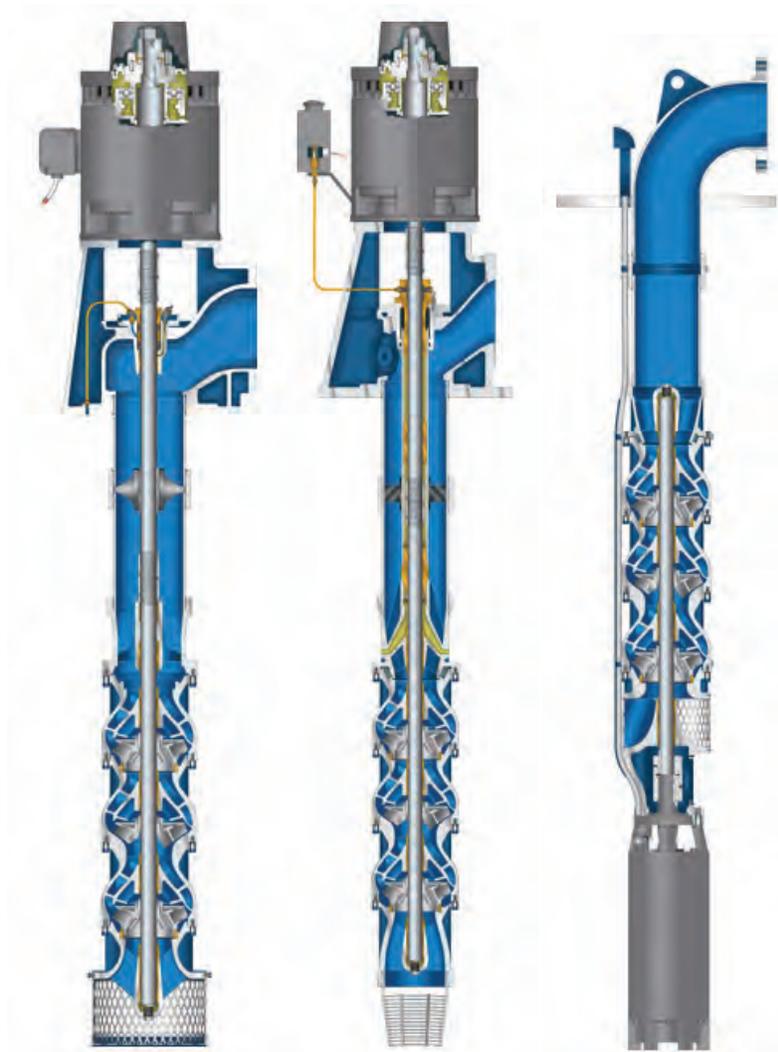
BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	18
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	380 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

PERFORMANCE CURVES

LINESHAFT & SUBMERSIBLE

1750 RPM



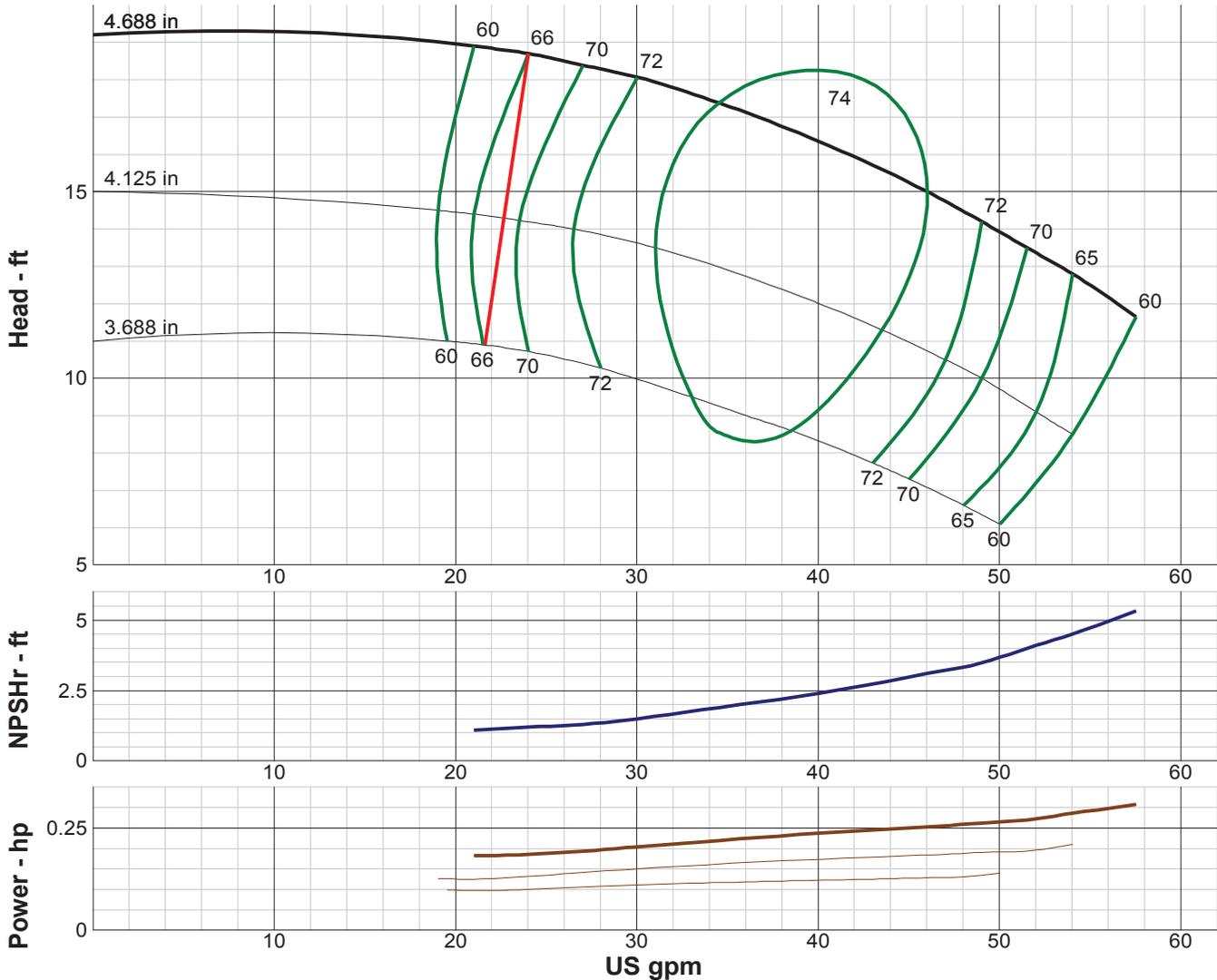


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FJC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	6404	TRIM ANGLE: 0°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 10 IN.
THRUST FACTOR	K=1.56	
EYE AREA	2.41 SQ. IN.	
WEIGHT	1.80 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-5	-3	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

FLANGED BOWL DATA

BOWL NUMBER	6515
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	55
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	0.750 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.125 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

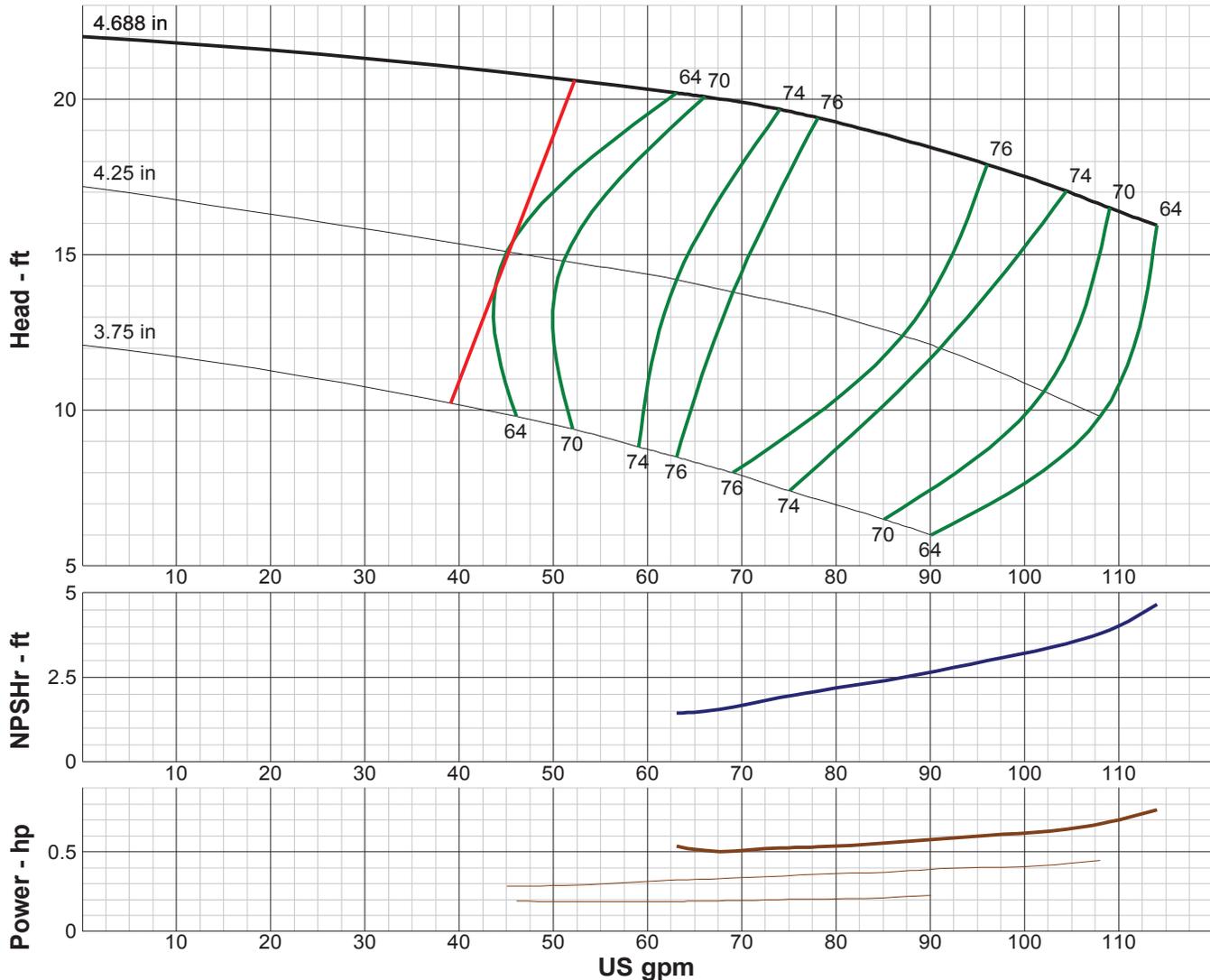


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	6707	TRIM ANGLE: 27°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 12 IN.
THRUST FACTOR	K=2.24	
EYE AREA	3.20 SQ. IN.	
WEIGHT	2.15 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

FLANGED BOWL DATA

BOWL NUMBER	6616
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

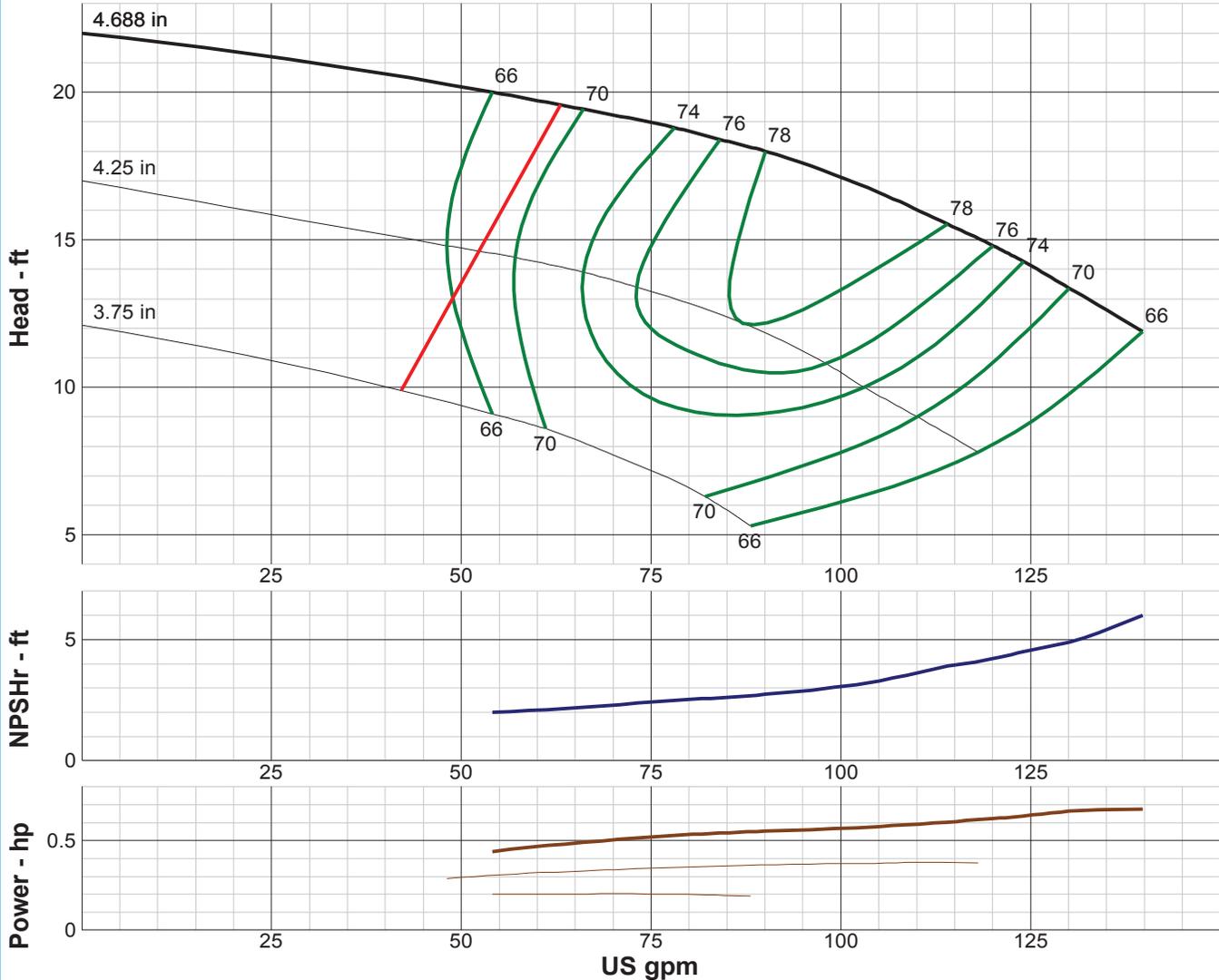


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FHC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	6606	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 12 IN.
THRUST FACTOR	K=2.24	
EYE AREA	3.65 SQ. IN.	
WEIGHT	2.38 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

FLANGED BOWL DATA

BOWL NUMBER	6616
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

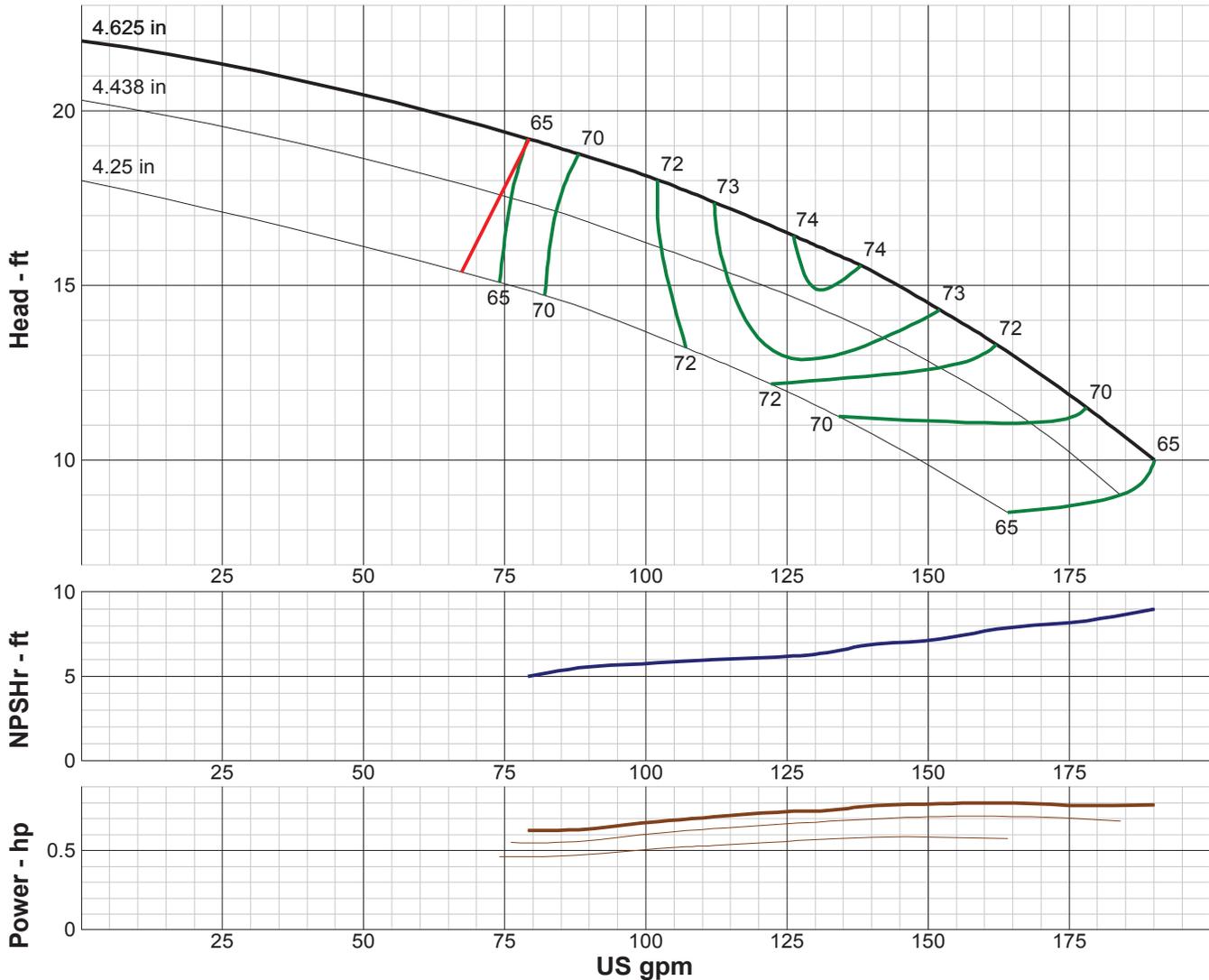


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FXC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	6909	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=2.83	
EYE AREA	4.01 SQ. IN.	
WEIGHT	2.15 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

FLANGED BOWL DATA

BOWL NUMBER	6919
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

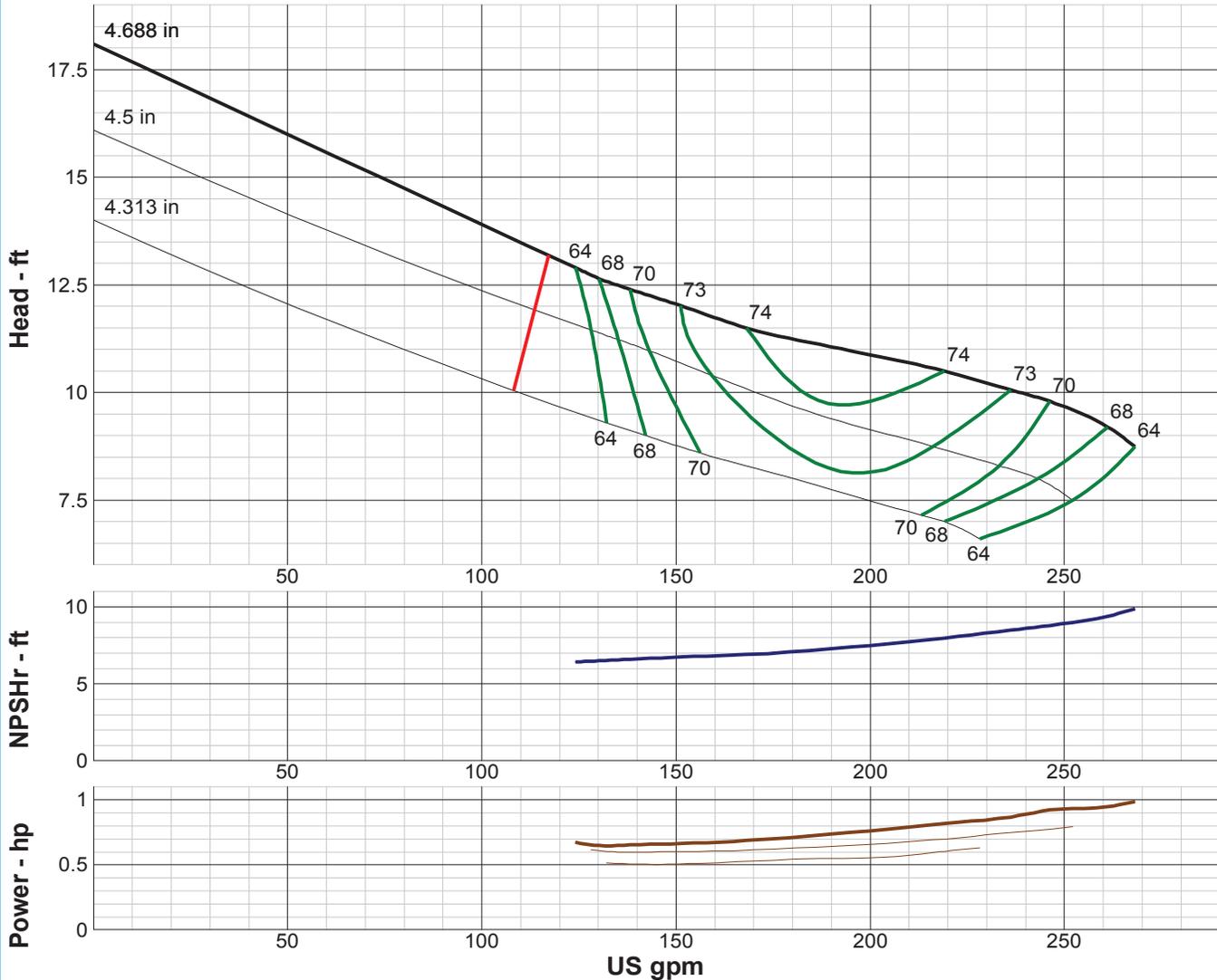


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FWC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	6808	TRIM ANGLE: 35°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=4.13	
EYE AREA	6.88 SQ. IN.	
WEIGHT	2.65 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

FLANGED BOWL DATA	
BOWL NUMBER	6818
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	43
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

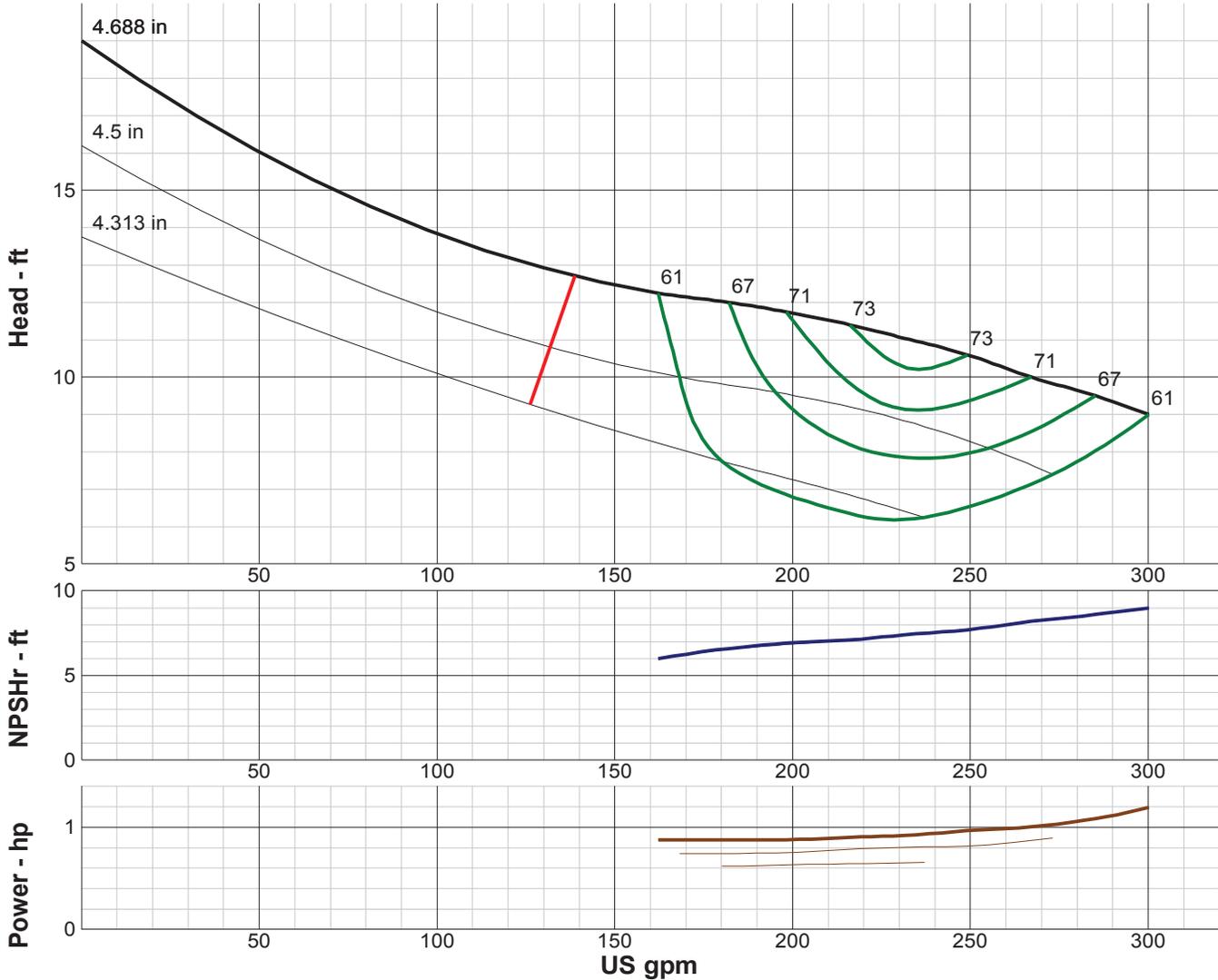


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

6FYC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	6414	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=4.10	
EYE AREA	7.51 SQ. IN.	
WEIGHT	2.35 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

FLANGED BOWL DATA	
BOWL NUMBER	6818
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	46
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.250 IN.
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

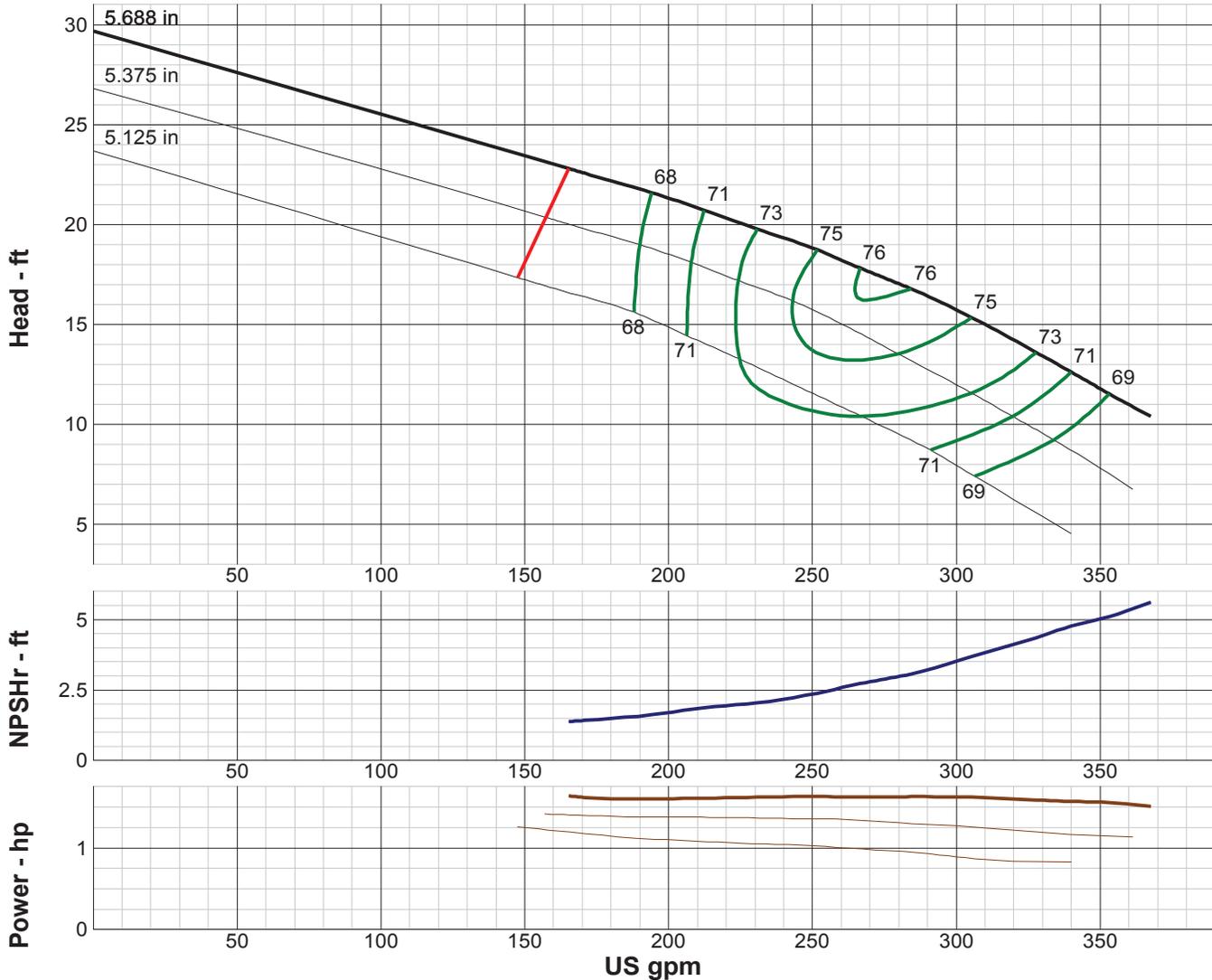


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

7FMC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	7647	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=4.5	
EYE AREA	11.3 SQ. IN.	
WEIGHT	5.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-2	-2	-2	-6

FLANGED BOWL DATA	
BOWL NUMBER	6947
BOWL MAX. DIAMETER	7.313 IN.
BOWL MIN. DIAMETER	7.125 IN.
MAX. NO. STAGES	32
ONE STAGE WEIGHT	102 LB.
ADD STAGE WEIGHT	37 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	695 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

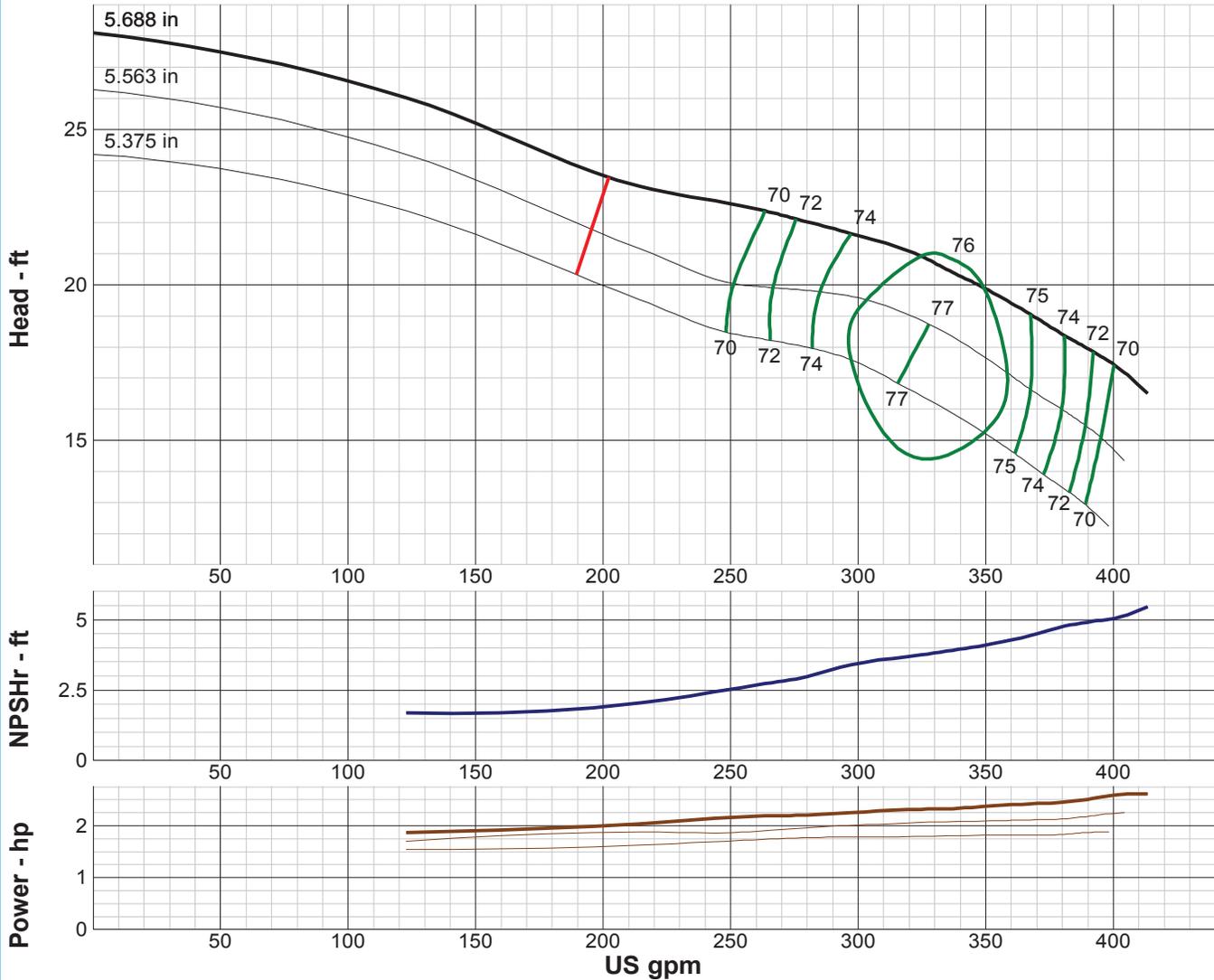


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

7FHC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	7656	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=4.56	
EYE AREA	11.3 SQ. IN.	
WEIGHT	5.25 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-2	-2	-2	-6

FLANGED BOWL DATA	
BOWL NUMBER	6947
BOWL MAX. DIAMETER	7.313 IN.
BOWL MIN. DIAMETER	7.125 IN.
MAX. NO. STAGES	32
ONE STAGE WEIGHT	102 LB.
ADD STAGE WEIGHT	37 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

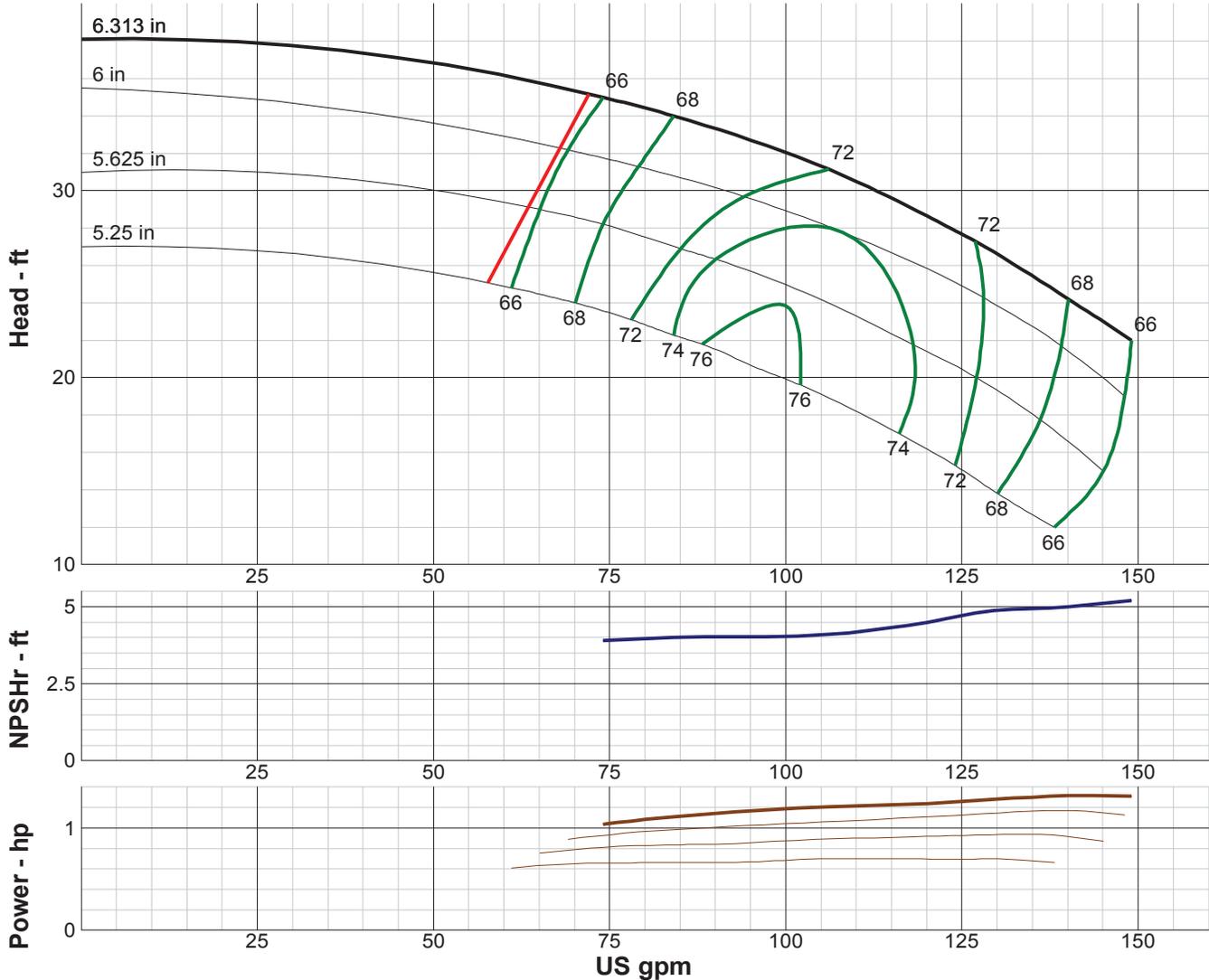


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FJC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3628	TRIM ANGLE: 0°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=2.98	
EYE AREA	3.65 SQ. IN.	
WEIGHT	5.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-3	-1	-0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL BUMPER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	42
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

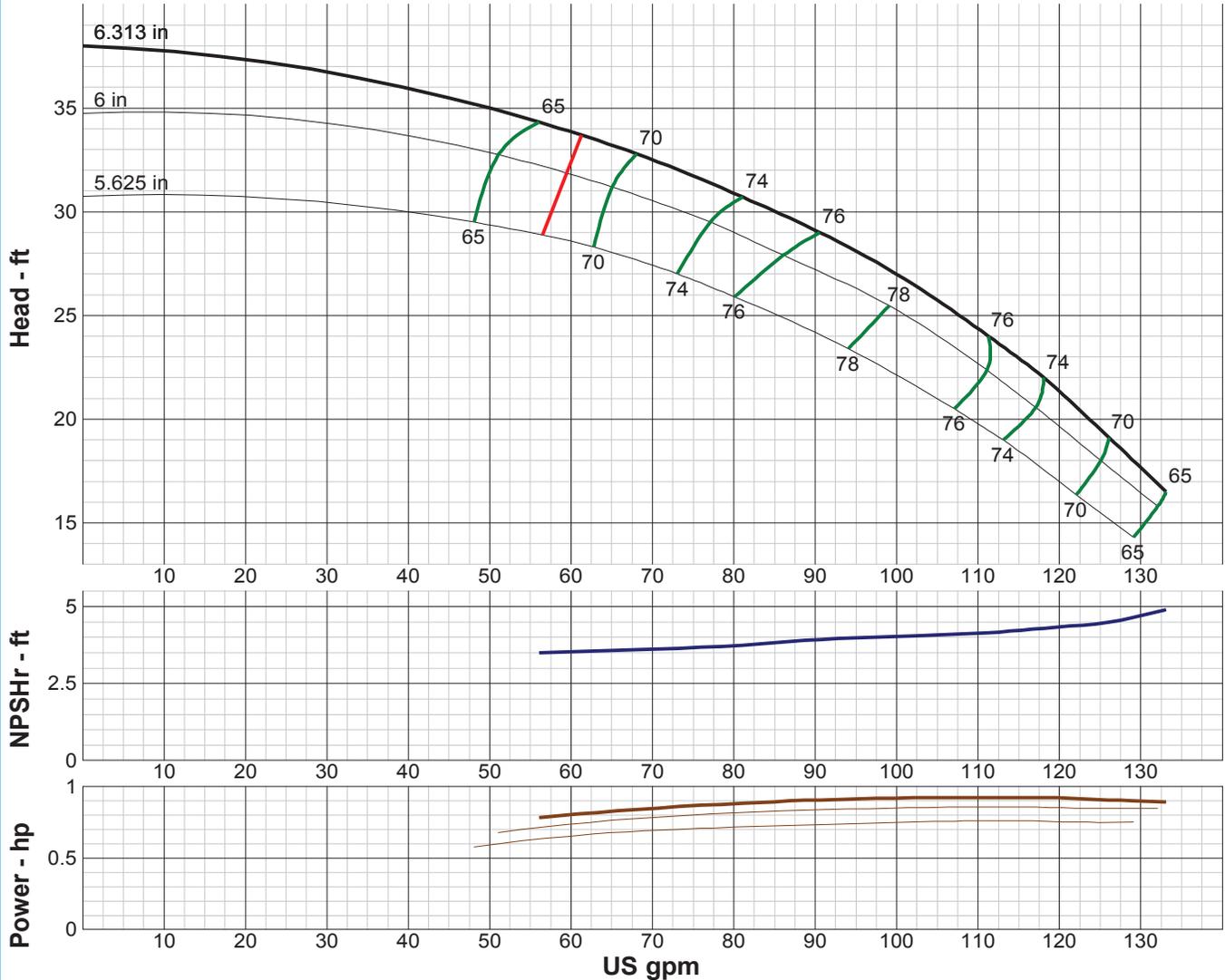


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FJS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3692	TRIM ANGLE: 0°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 14 IN.
THRUST FACTOR	K=3.52	
EYE AREA	3.18 SQ. IN.	
WEIGHT	3.55 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-3	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	42
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

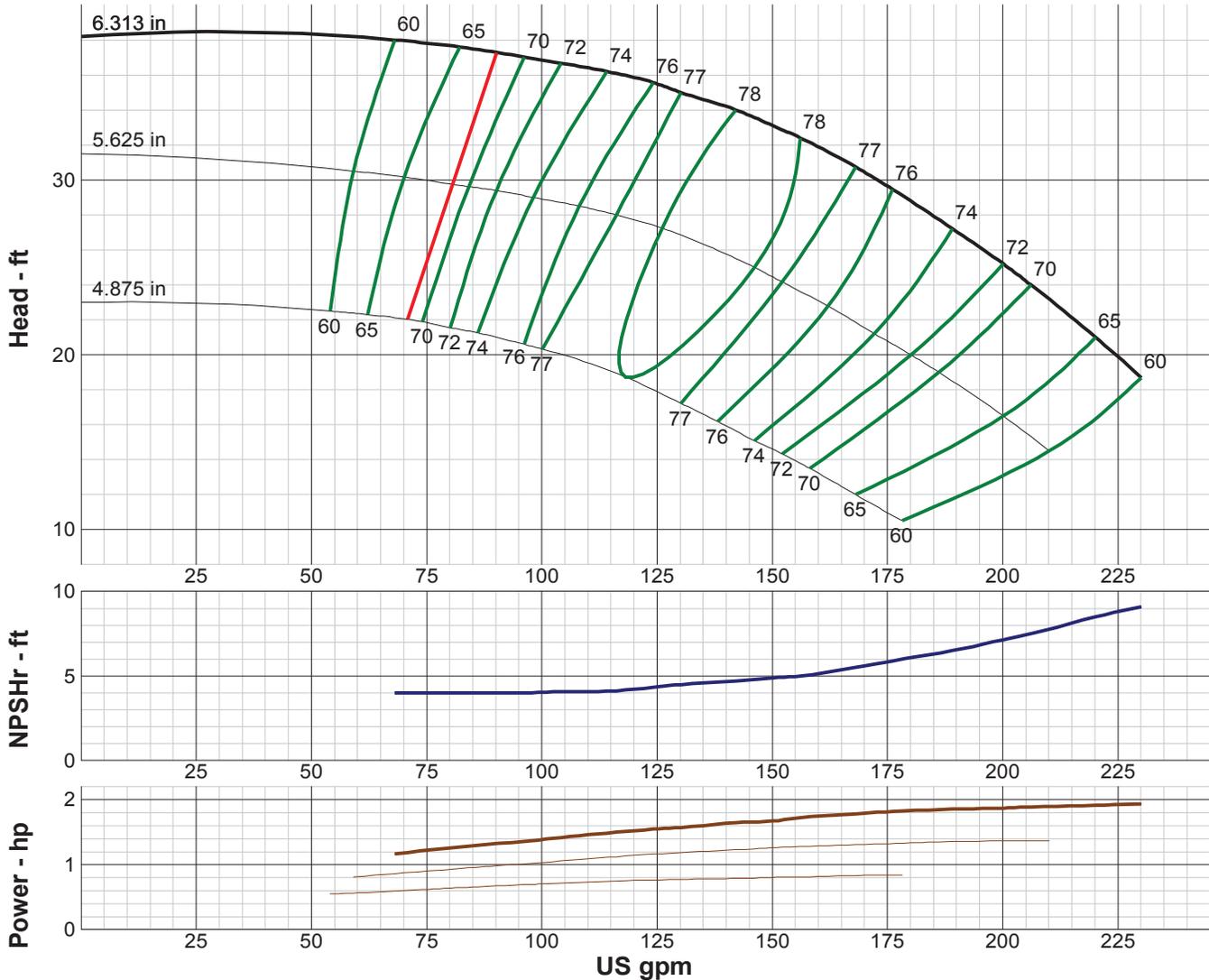


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FLC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3630	TRIM ANGLE:	0°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 14 IN.	
THRUST FACTOR	K=2.98		
EYE AREA	4.64 SQ. IN.		
WEIGHT	5.75 LB.		

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	37
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

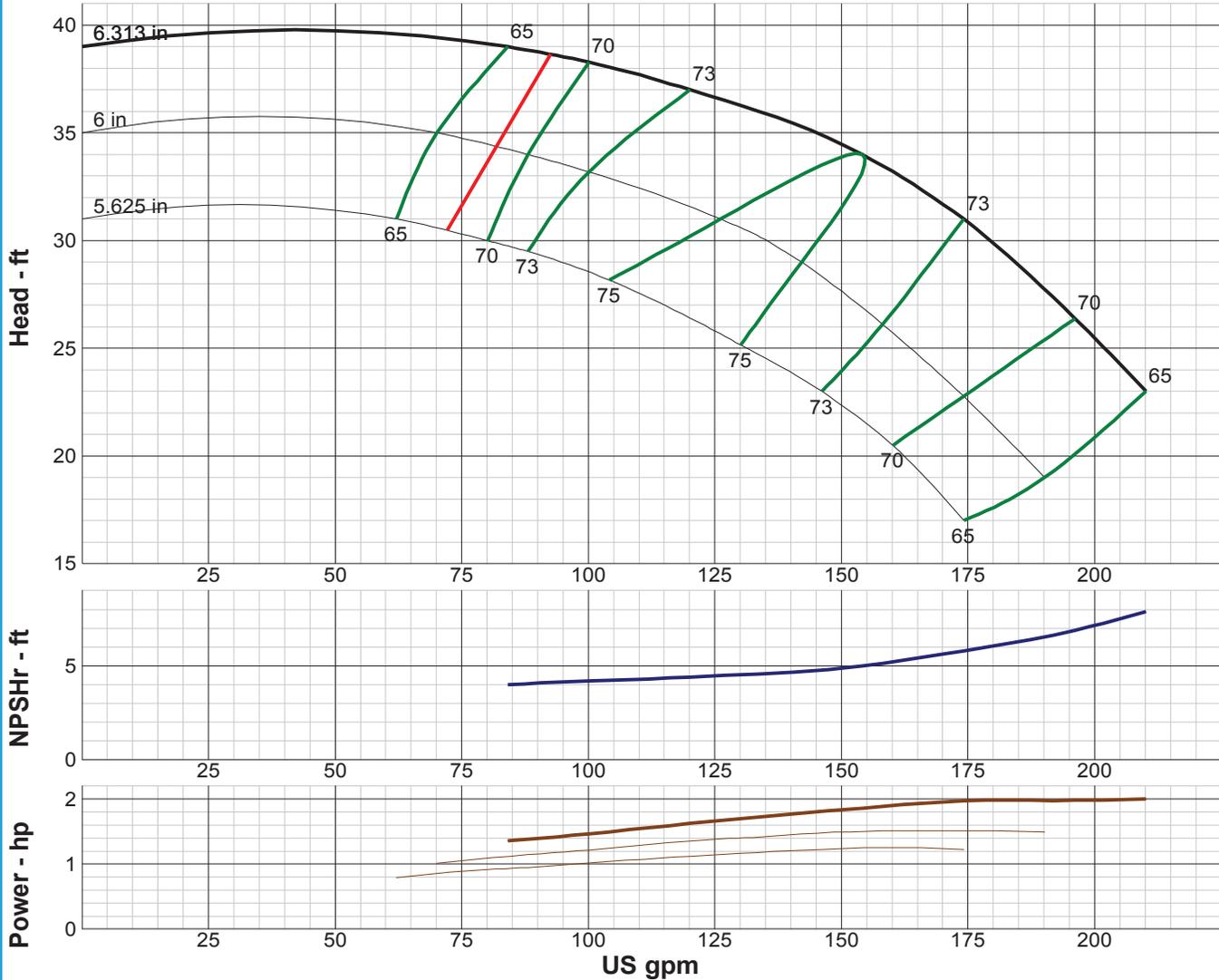


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

JANUARY 2020

8FLS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3641	TRIM ANGLE: 0°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 14IN.
THRUST FACTOR	K=3.34	
EYE AREA	4.64 SQ. IN.	
WEIGHT	4.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	37
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

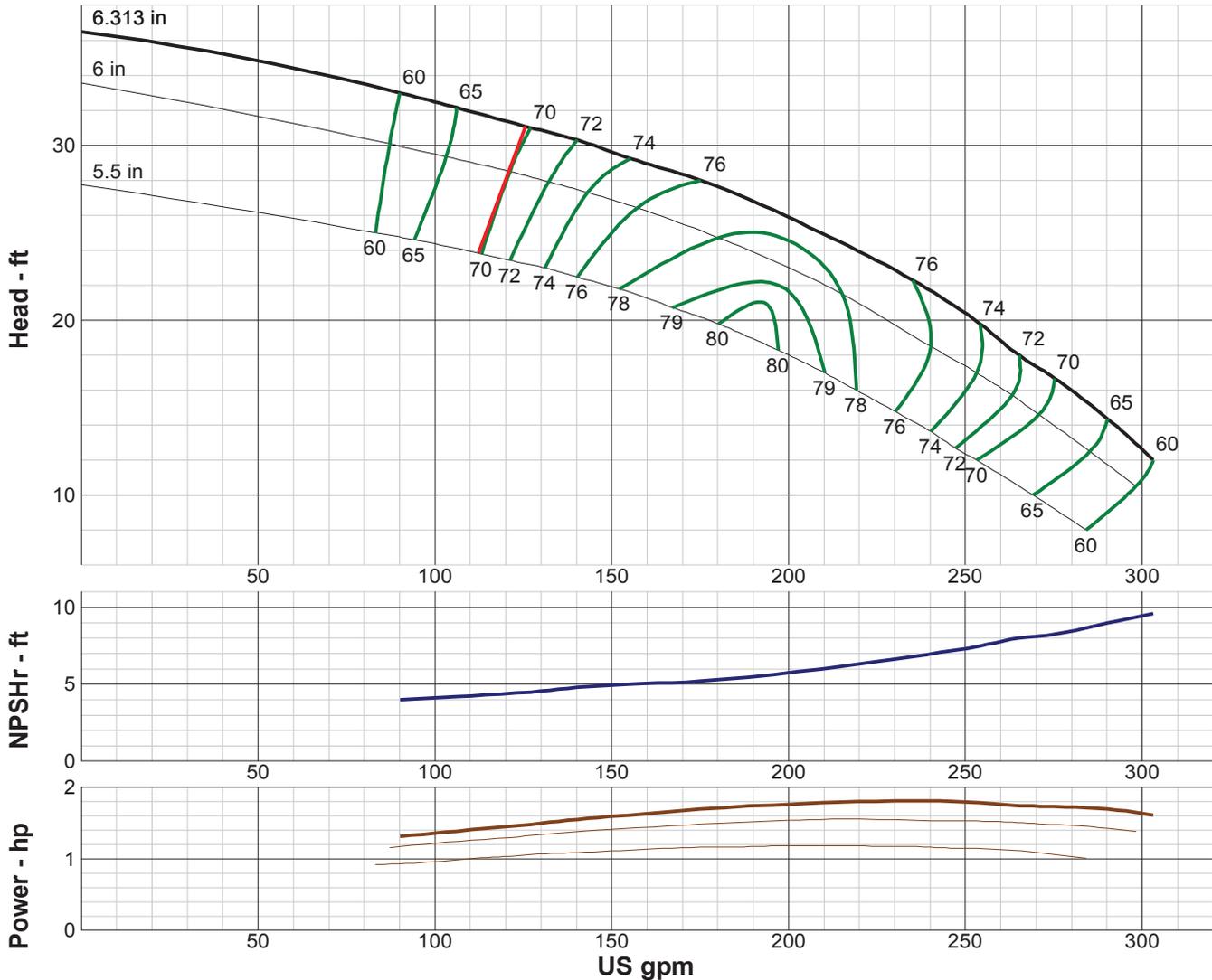


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FKC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3680	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 18 IN.
THRUST FACTOR	K=3.93	
EYE AREA	5.72 SQ. IN.	
WEIGHT	5.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-3	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	37
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

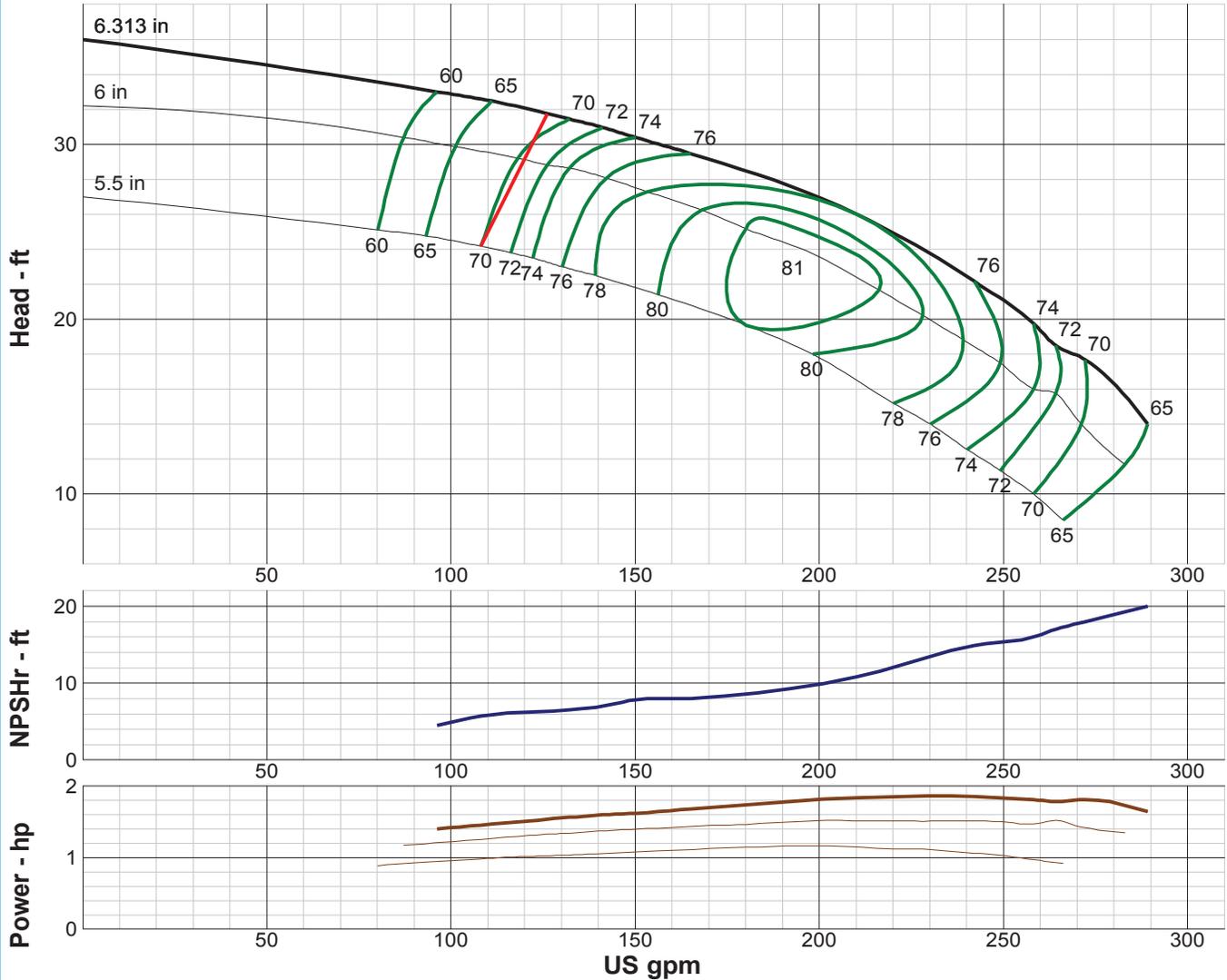


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FKS 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	3693	TRIM ANGLE: 18°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 20 IN.
THRUST FACTOR	K=4.42	
EYE AREA	6.60 SQ. IN.	
WEIGHT	3.75 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA	
BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	37
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

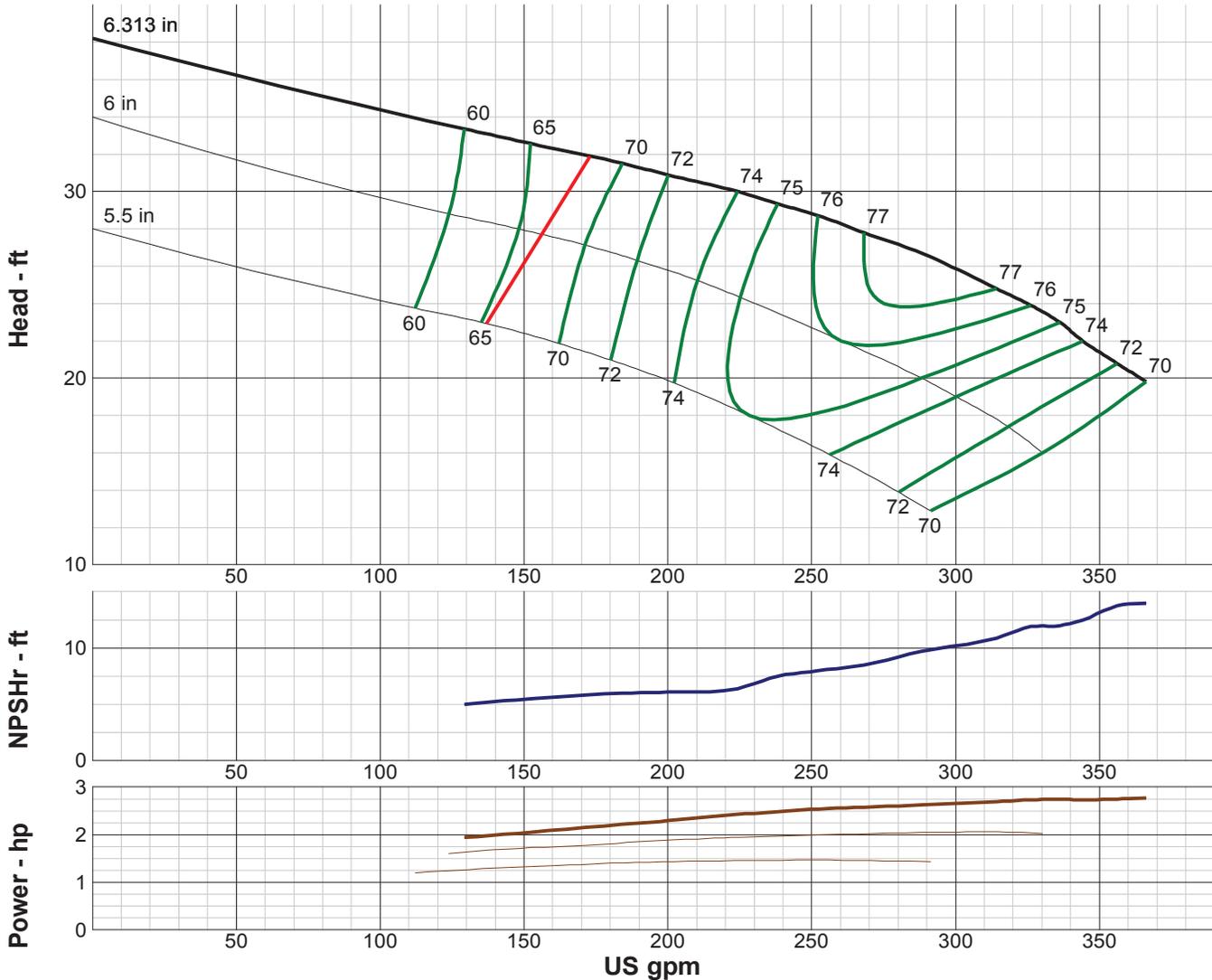


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3589	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 22 IN.
THRUST FACTOR	K=3.93	
EYE AREA	6.50 SQ. IN.	
WEIGHT	5.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

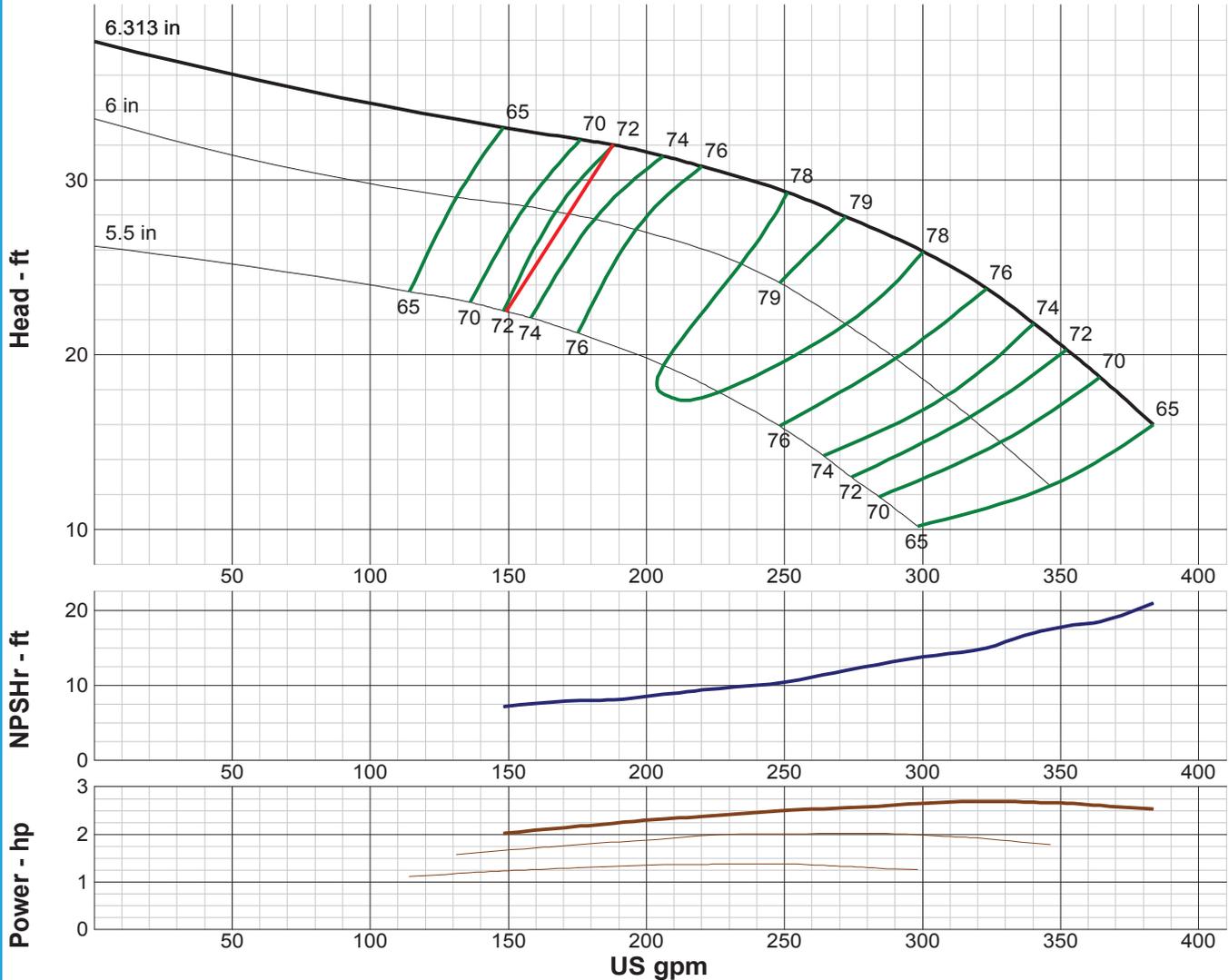


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FMS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3590	TRIM ANGLE: 27.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=4.28	
EYE AREA	6.60 SQ. IN.	
WEIGHT	4.125 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.375 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

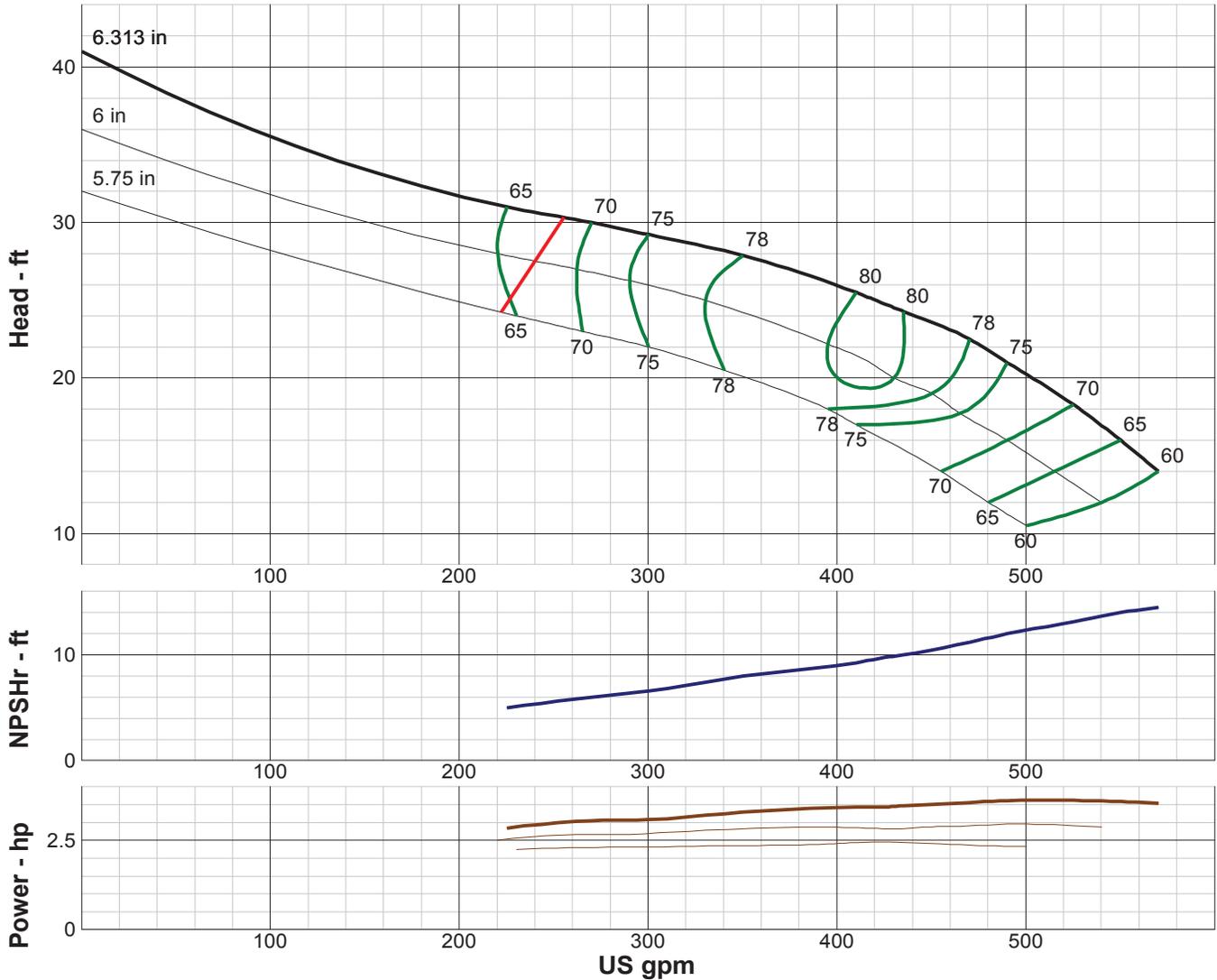


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FEHC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	2978	TRIM ANGLE: 29.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 22 IN.
THRUST FACTOR	K=5.40	
EYE AREA	8.33 SQ. IN.	
WEIGHT	5.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-3	-2	-1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA	
BOWL NUMBER	2883
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

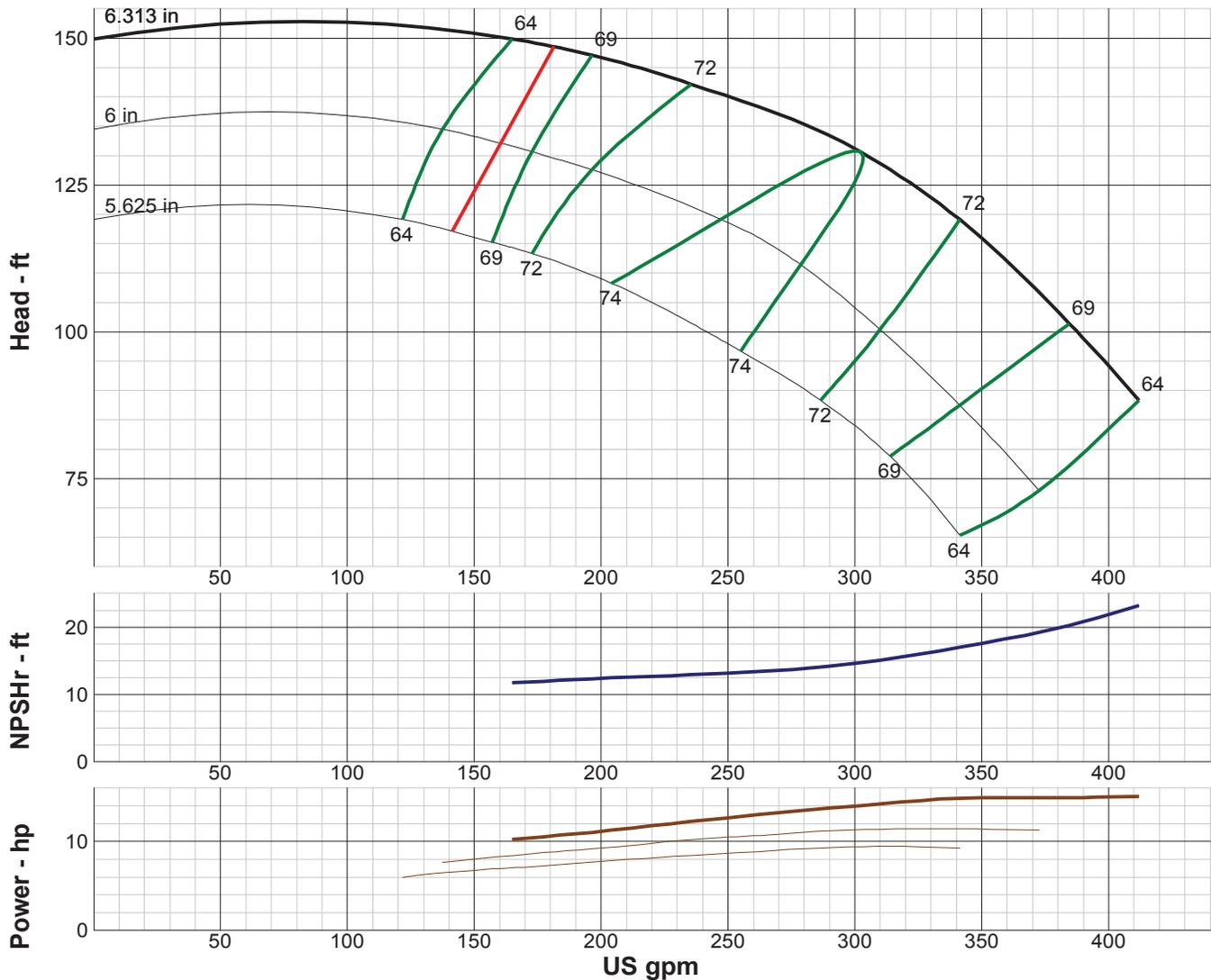


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FEHS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	2981	TRIM ANGLE: 29.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=5.40	
EYE AREA	8.48 SQ. IN.	
WEIGHT	3.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	2883
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

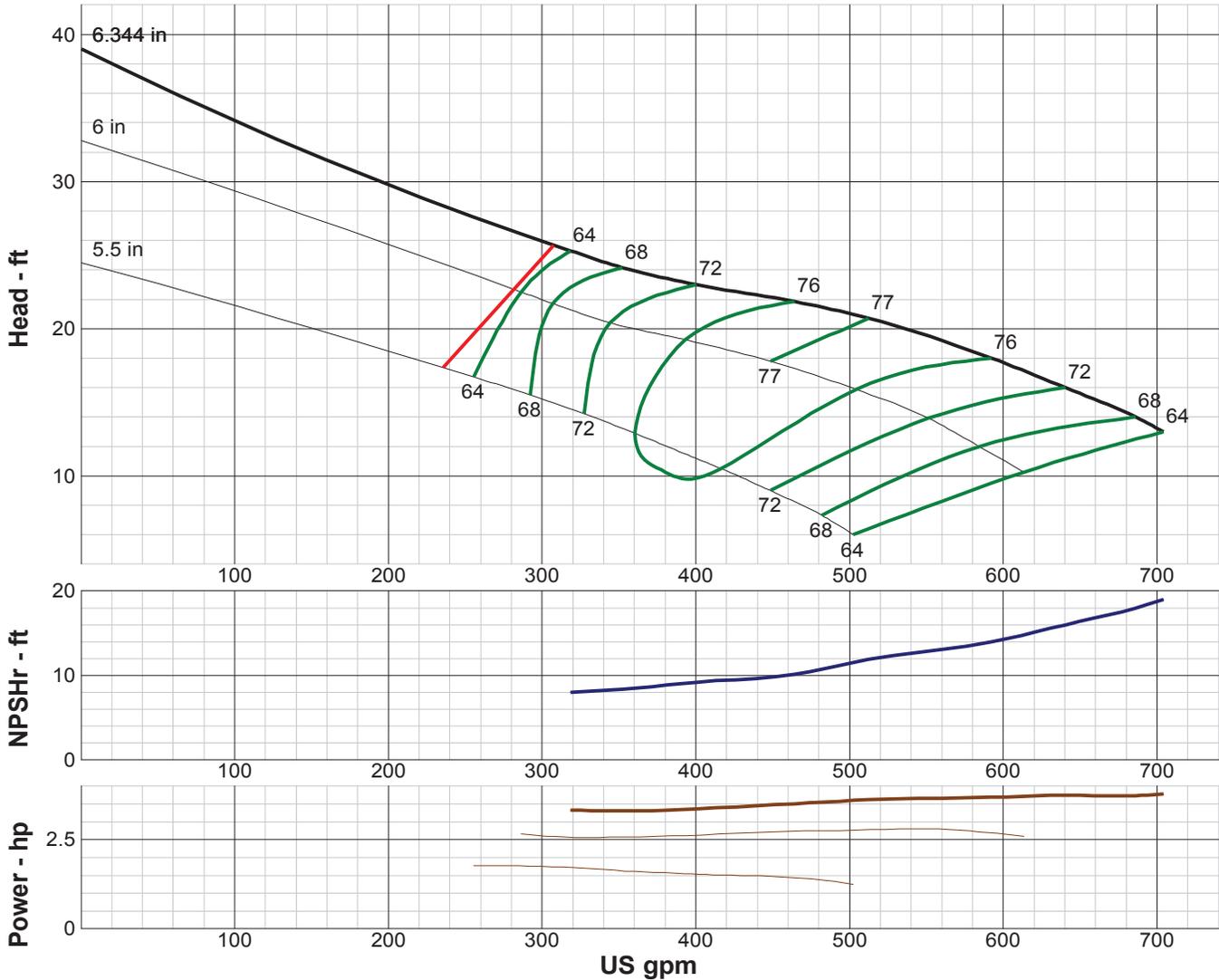


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FYC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	5502	TRIM ANGLE: 37°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=8.00	
EYE AREA	15.9 SQ. IN.	
WEIGHT	5.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA

BOWL NUMBER	5503
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	32
ONE STAGE WEIGHT	139 LB.
ADD STAGE WEIGHT	39 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.125 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

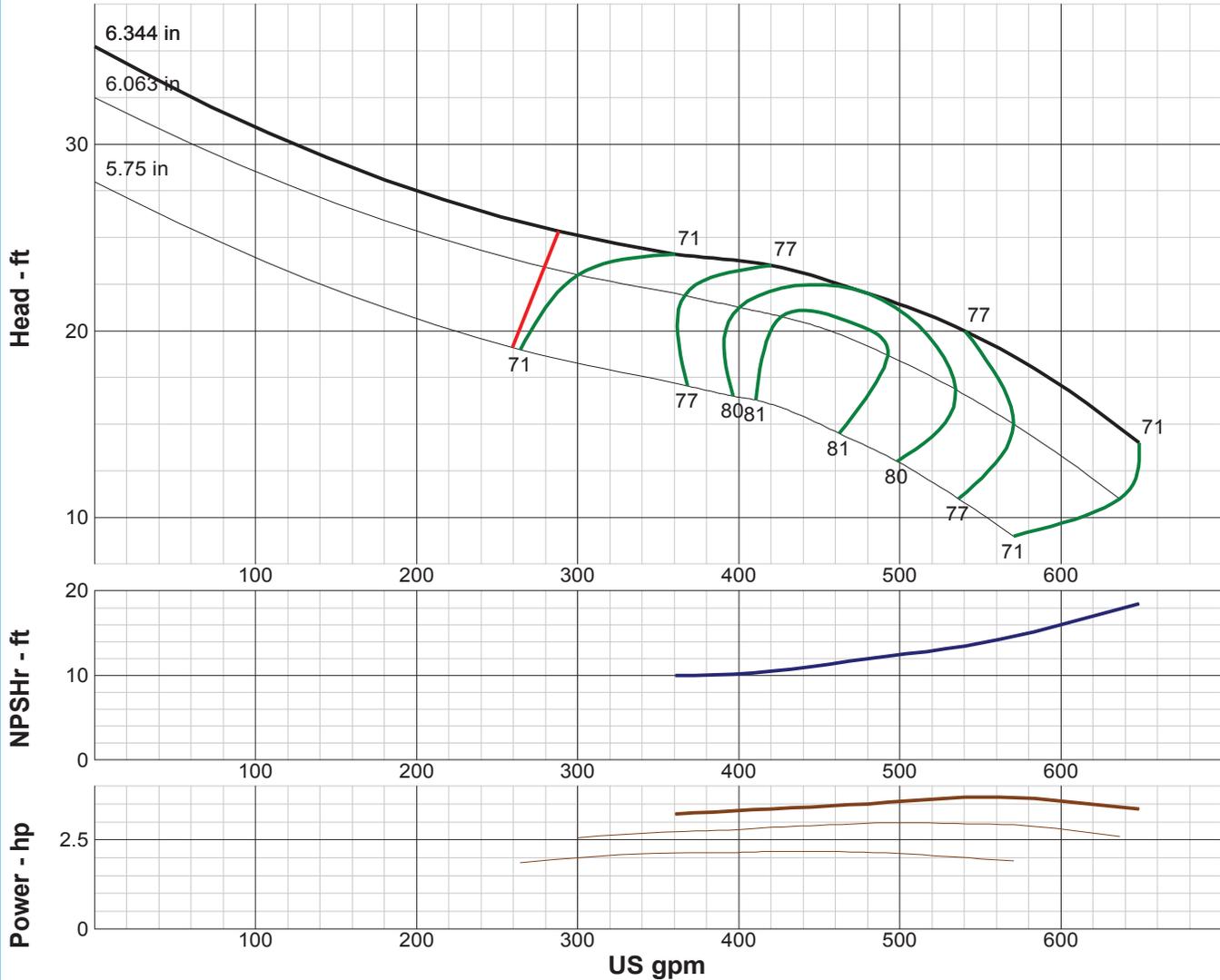


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FYS 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	5506	TRIM ANGLE: 37°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=8.00	
EYE AREA	15.9 SQ. IN.	
WEIGHT	5.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

FLANGED BOWL DATA	
BOWL NUMBER	5503
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	32
ONE STAGE WEIGHT	139 LB.
ADD STAGE WEIGHT	39 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.125 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

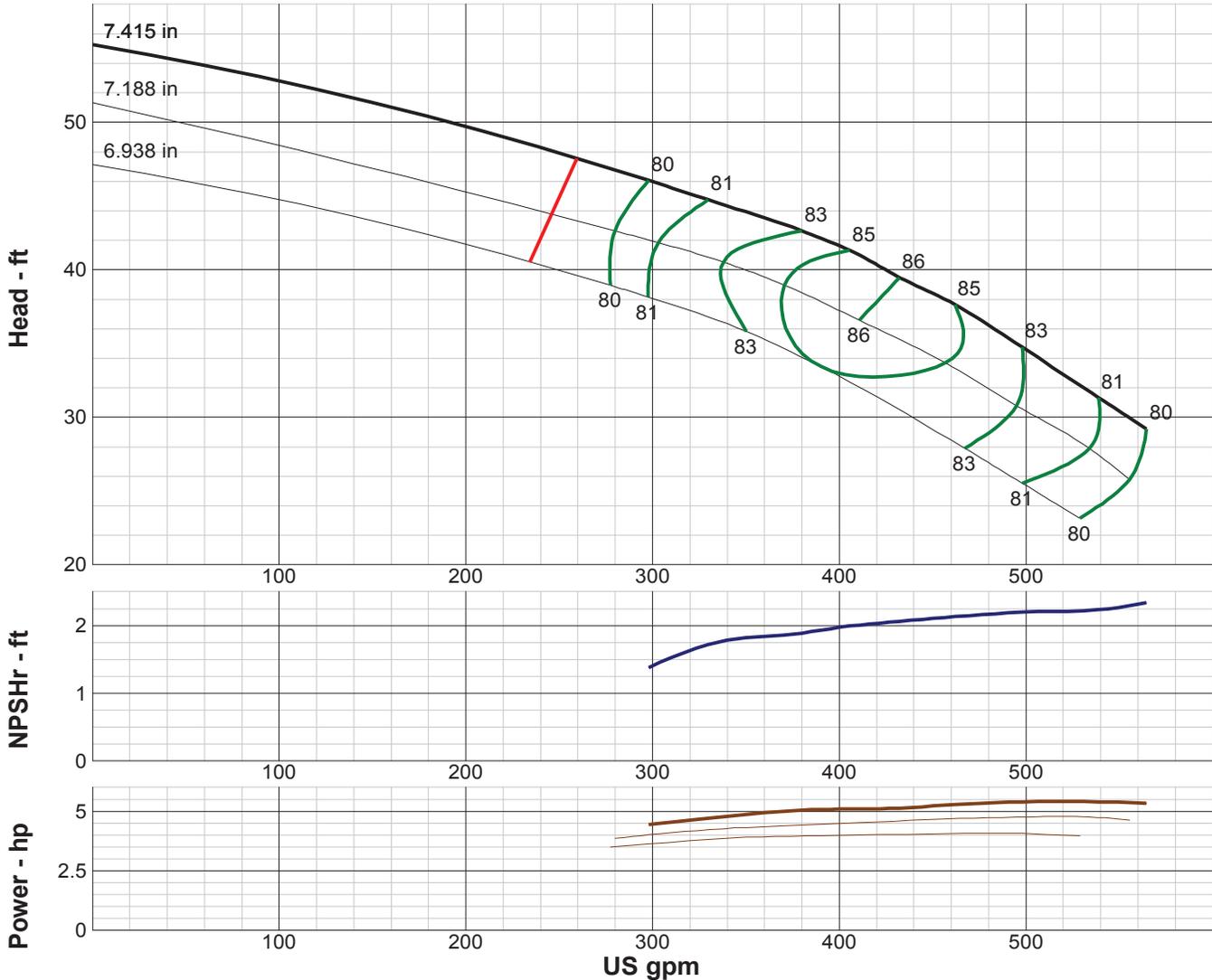


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

9FLC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	7747	TRIM ANGLE: 17°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=4.90	
EYE AREA	12.4 SQ. IN.	
WEIGHT	8.20 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	-0.5	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA	
BOWL NUMBER	7038
BOWL MAX. DIAMETER	9.438 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	46
ONE STAGE WEIGHT	145 LB.
ADD STAGE WEIGHT	50 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.125 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

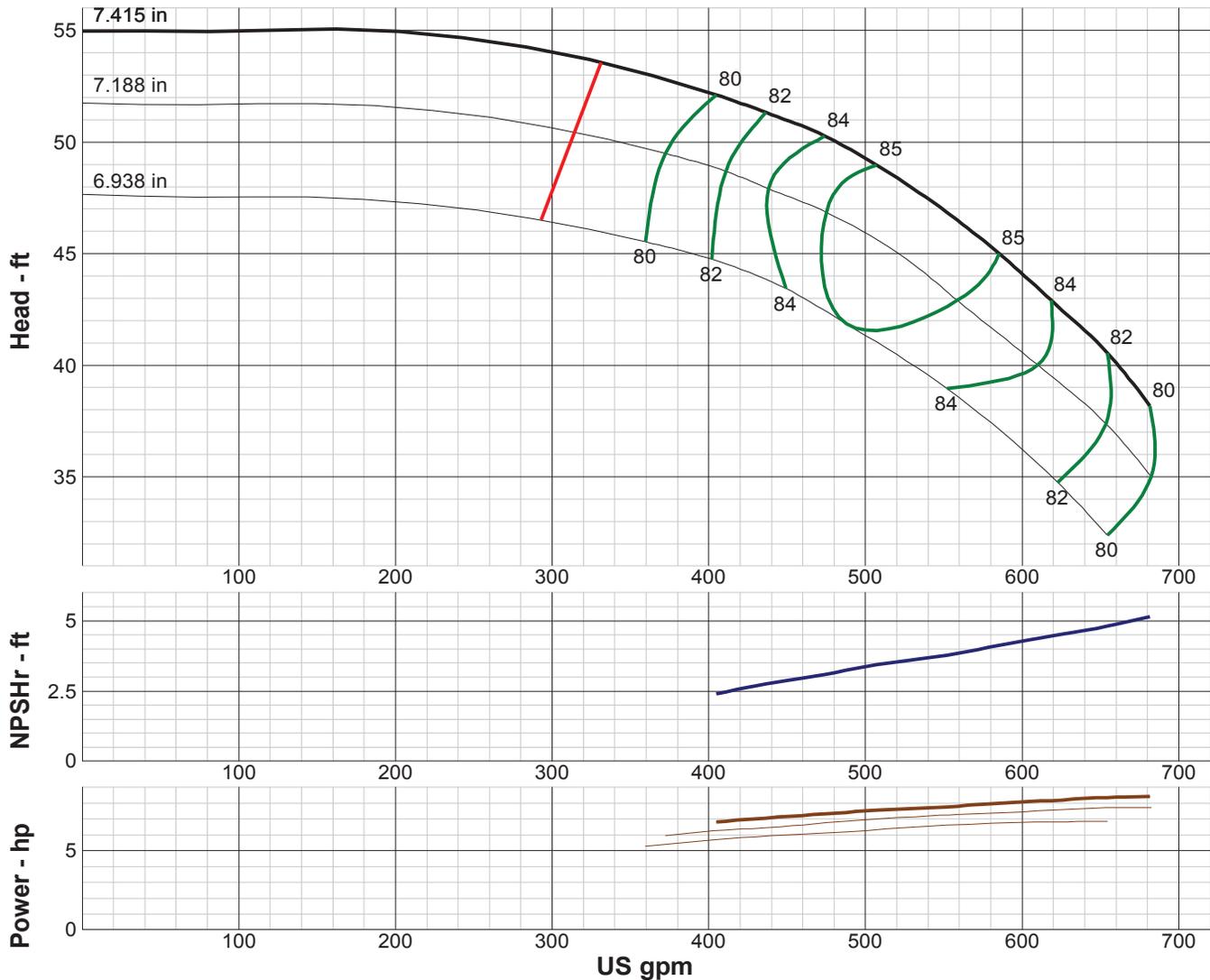


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

9FHC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	7756	TRIM ANGLE: 17°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=3.10	
EYE AREA	12.4 SQ. IN.	
WEIGHT	8.20 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	-0.5		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	7038
BOWL MAX. DIAMETER	9.438 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	36
ONE STAGE WEIGHT	145 LB.
ADD STAGE WEIGHT	50 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.125 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

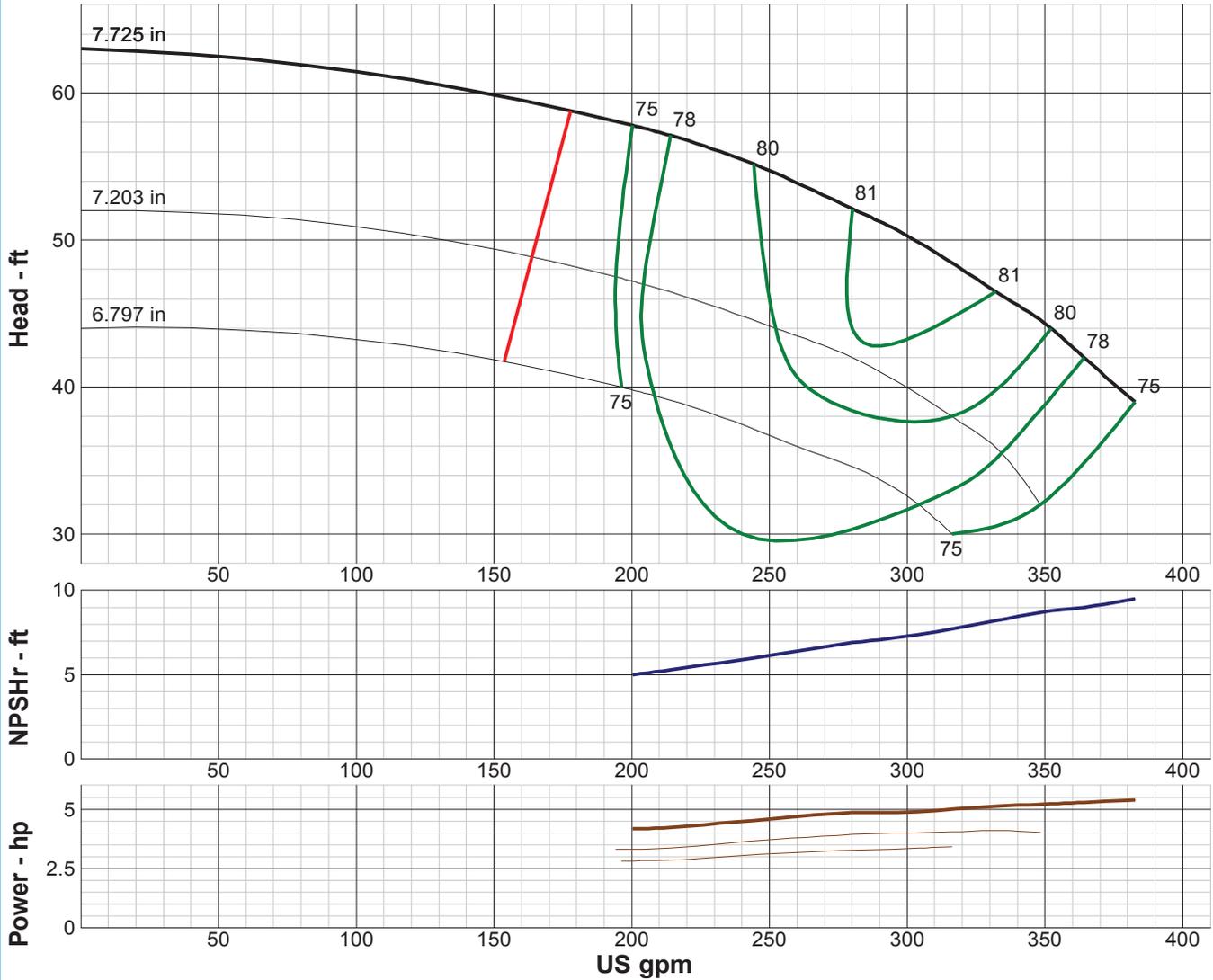


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FJC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3094	TRIM ANGLE: 25.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=3.98	
EYE AREA	7.89 SQ. IN.	
WEIGHT	9.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-5	-4	-3	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3096
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	33
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.438 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

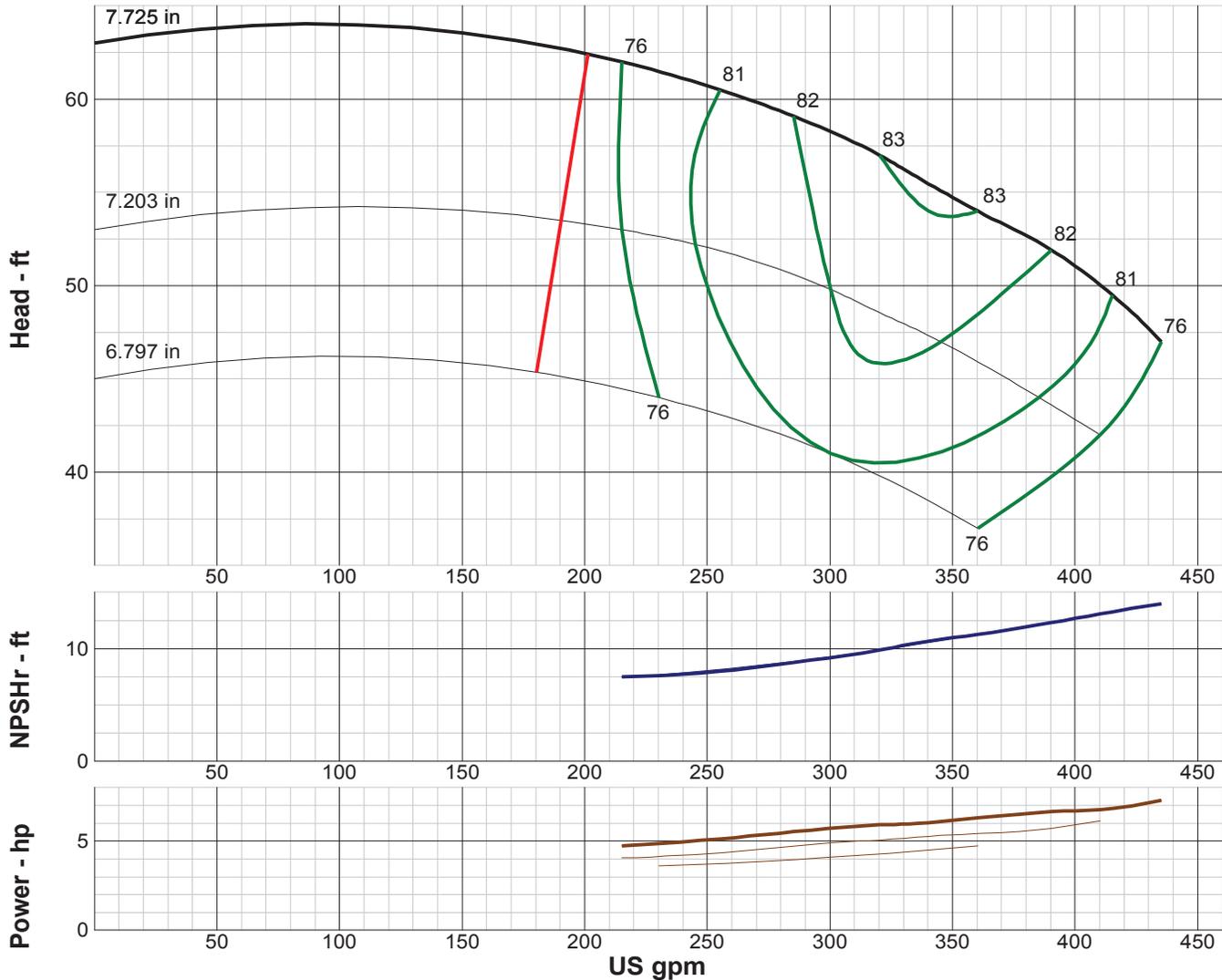


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FKC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3095	TRIM ANGLE: 25.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=4.20	
EYE AREA	7.89 SQ. IN.	
WEIGHT	9.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-5	-4	-3	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3096
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	33
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.438 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

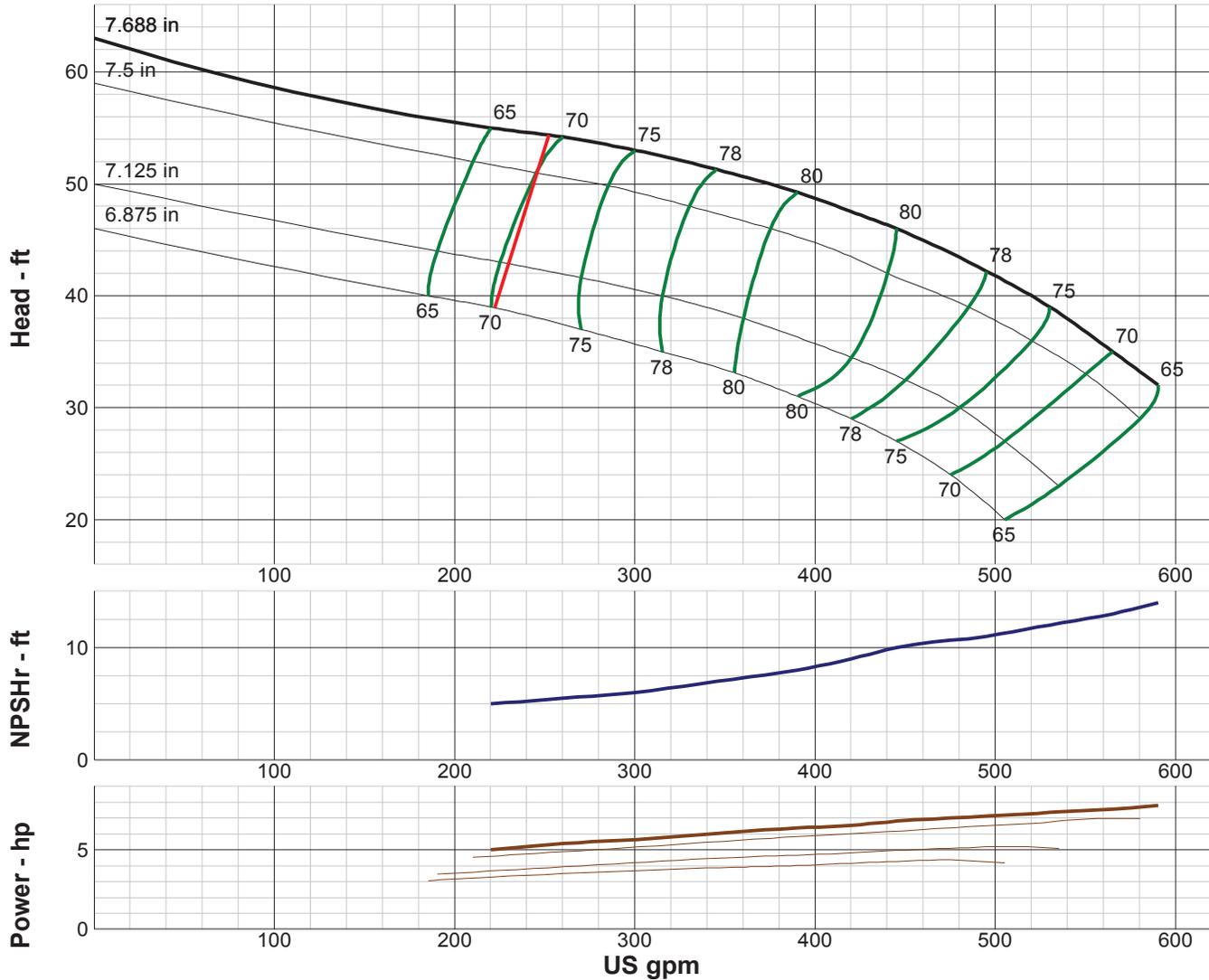


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FLC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	3102	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=6.60	
EYE AREA	10.2 SQ. IN.	
WEIGHT	9.75 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA	
BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	34
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.563 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

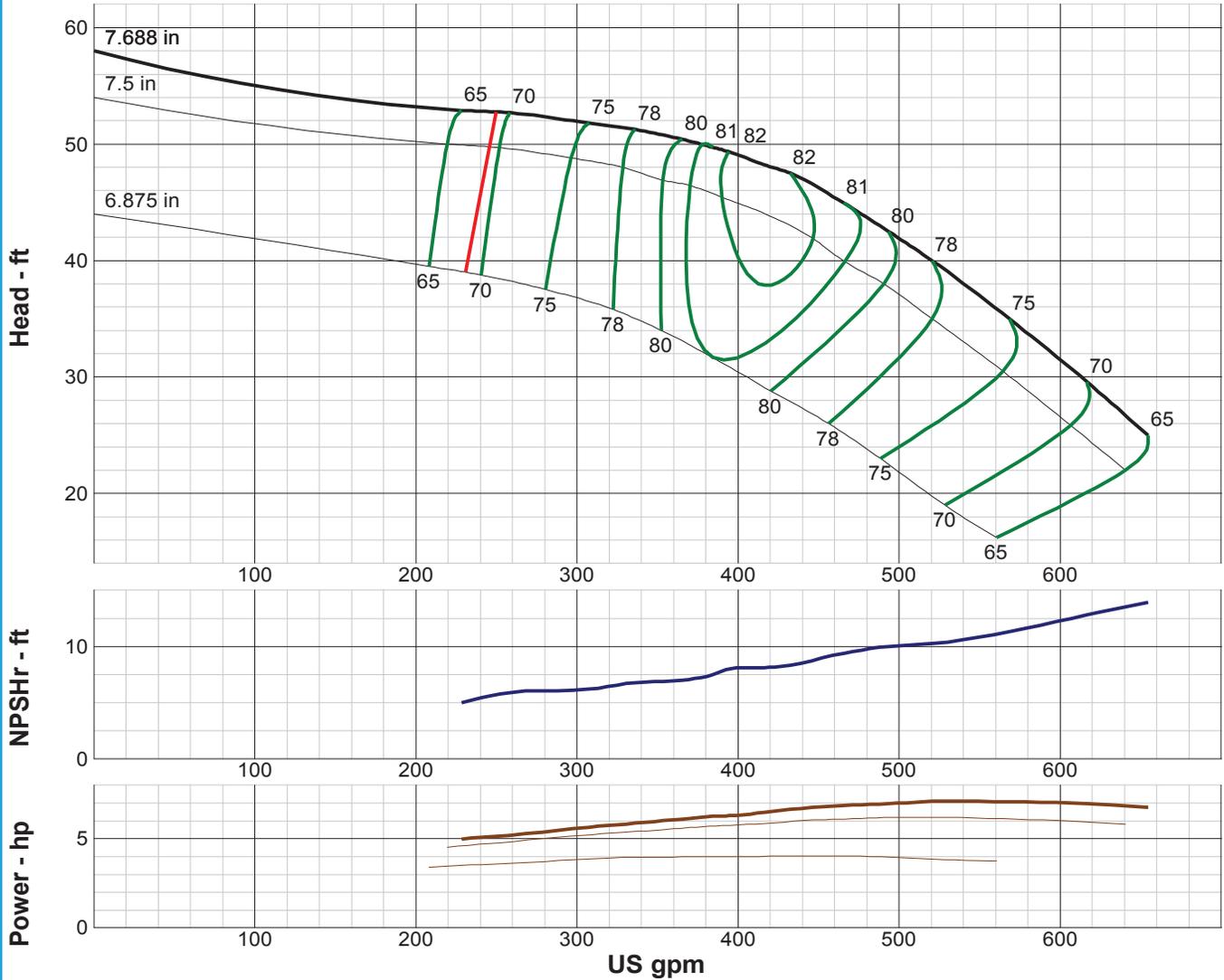


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FLS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3103	TRIM ANGLE: 20°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 38 IN.
THRUST FACTOR	K=7.50	
EYE AREA	11.7 SQ. IN.	
WEIGHT	6.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	34
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

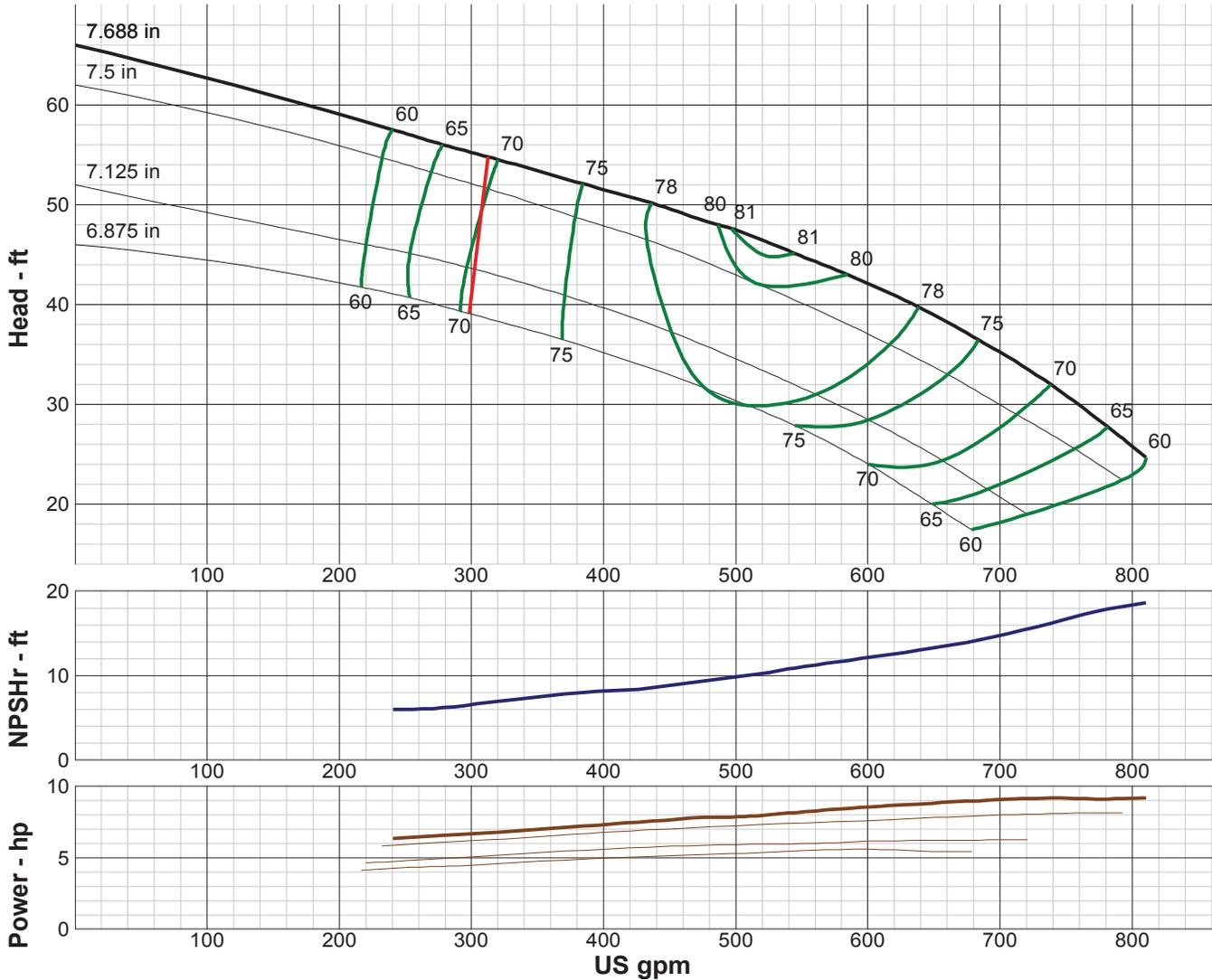


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3097	TRIM ANGLE: 26°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=6.60	
EYE AREA	11.7 SQ. IN.	
WEIGHT	8.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-5	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	30
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

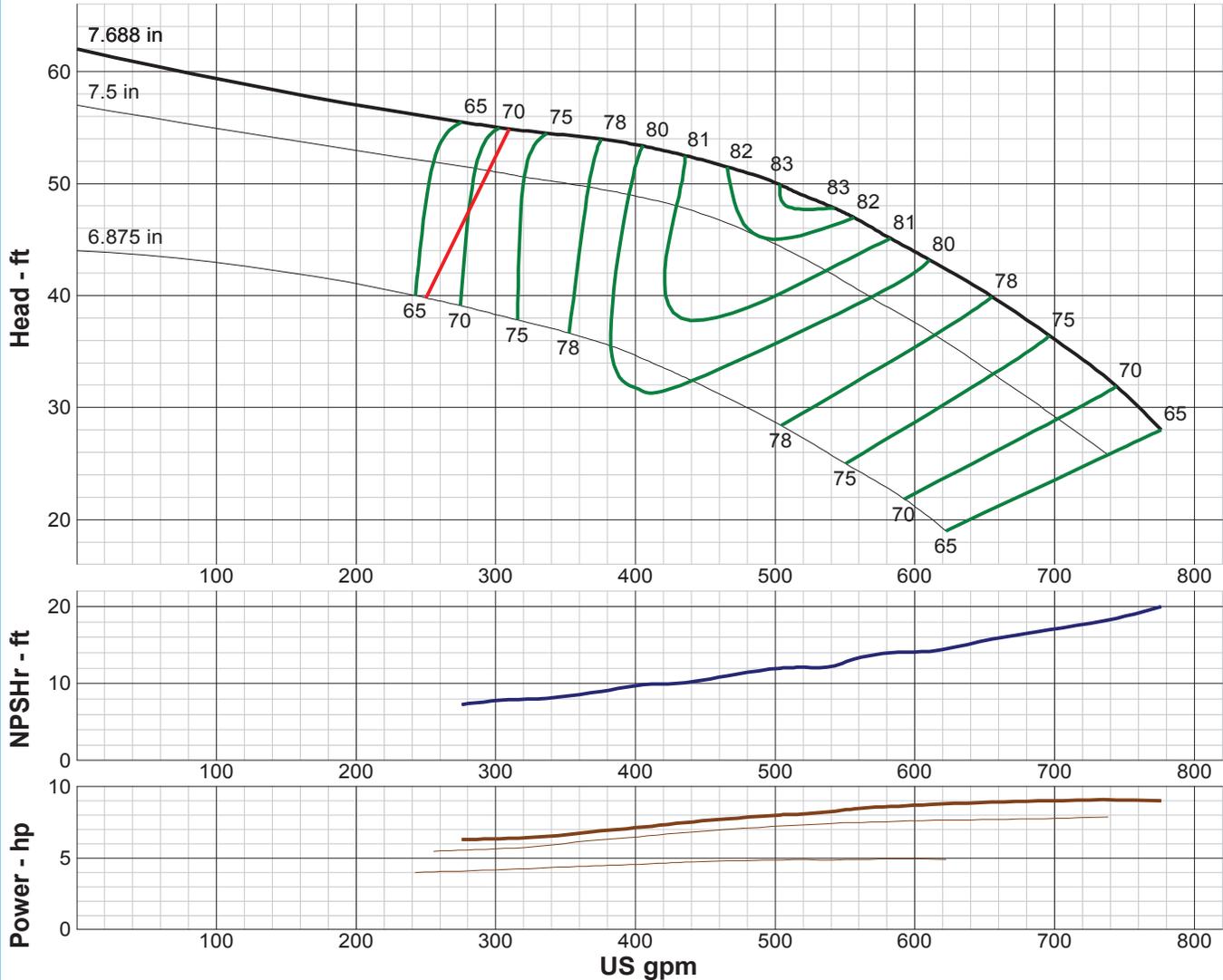


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FMS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3099	TRIM ANGLE: 33.25°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 38 IN.
THRUST FACTOR	K=7.50	
EYE AREA	11.7 SQ. IN.	
WEIGHT	5.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3098
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	30
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

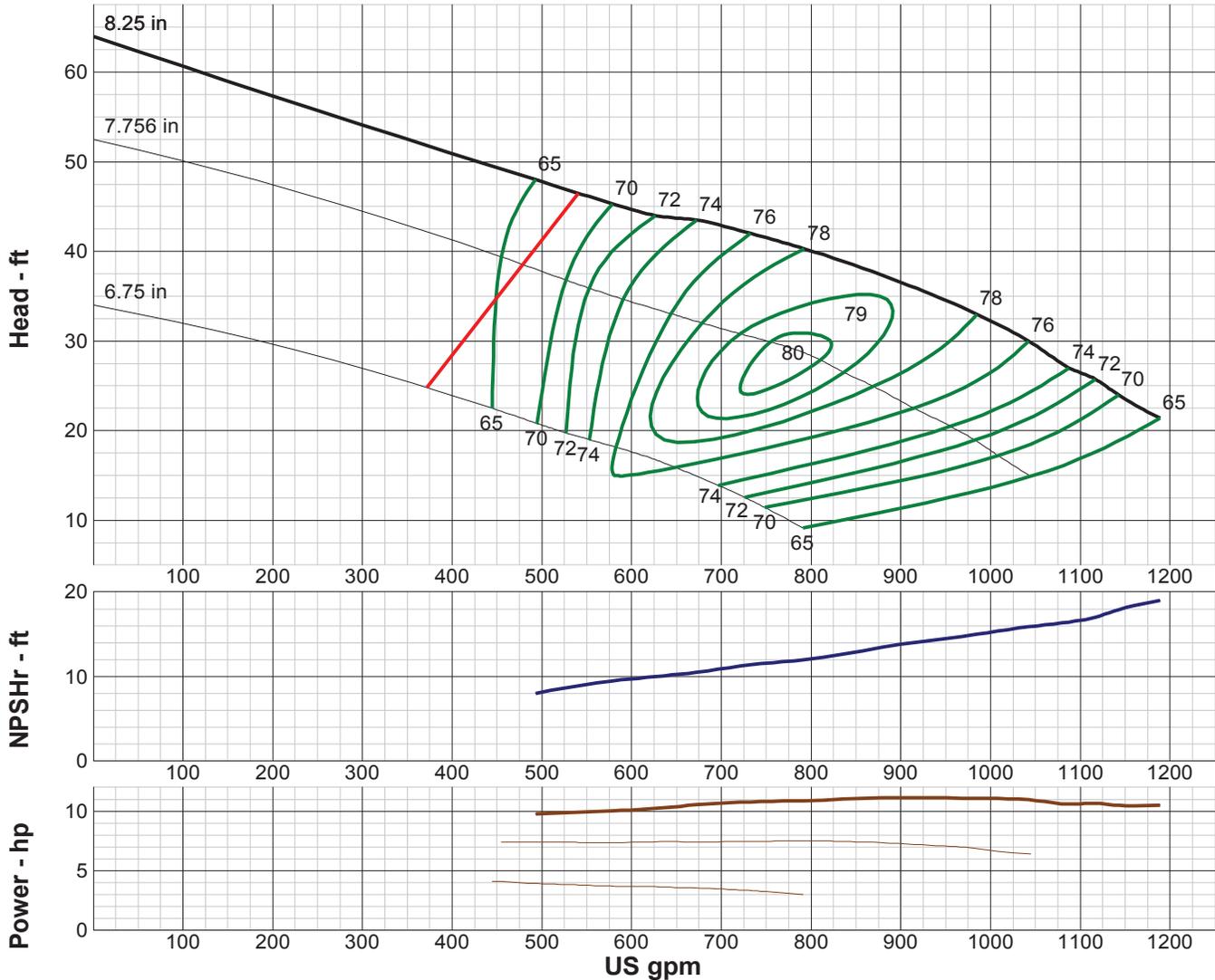


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FWC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3577	TRIM ANGLE: 33.25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=10.30	
EYE AREA	19.4 SQ. IN.	
WEIGHT	11.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

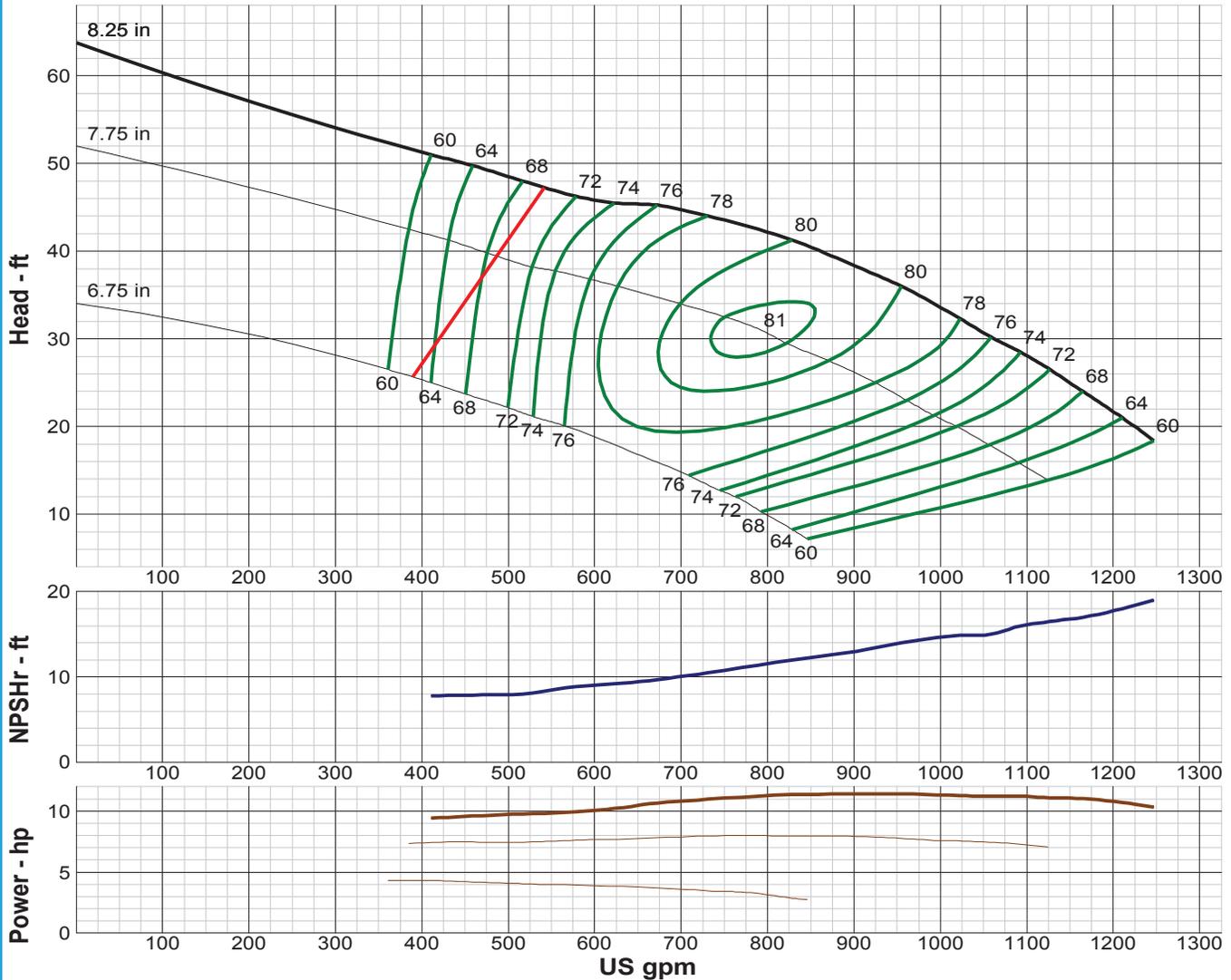


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FWS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3542	TRIM ANGLE: 33.25°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=11.20	
EYE AREA	19.4 SQ. IN.	
WEIGHT	7.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

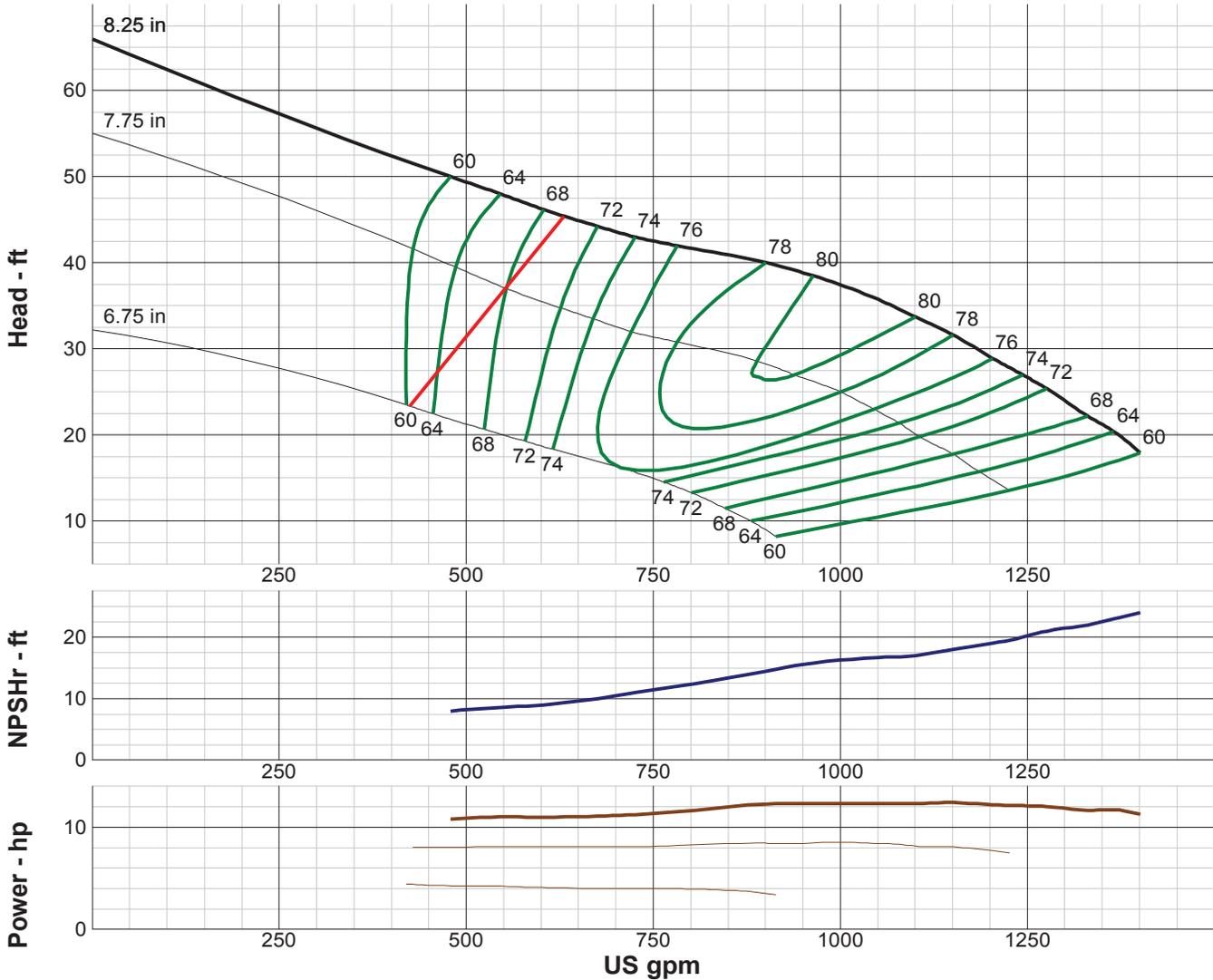


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FYC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	3540	TRIM ANGLE: 33.25° Minimum submergence above eye of bottom impeller: 40 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=10.30	
EYE AREA	19.4 SQ. IN.	
WEIGHT	11.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA	
BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

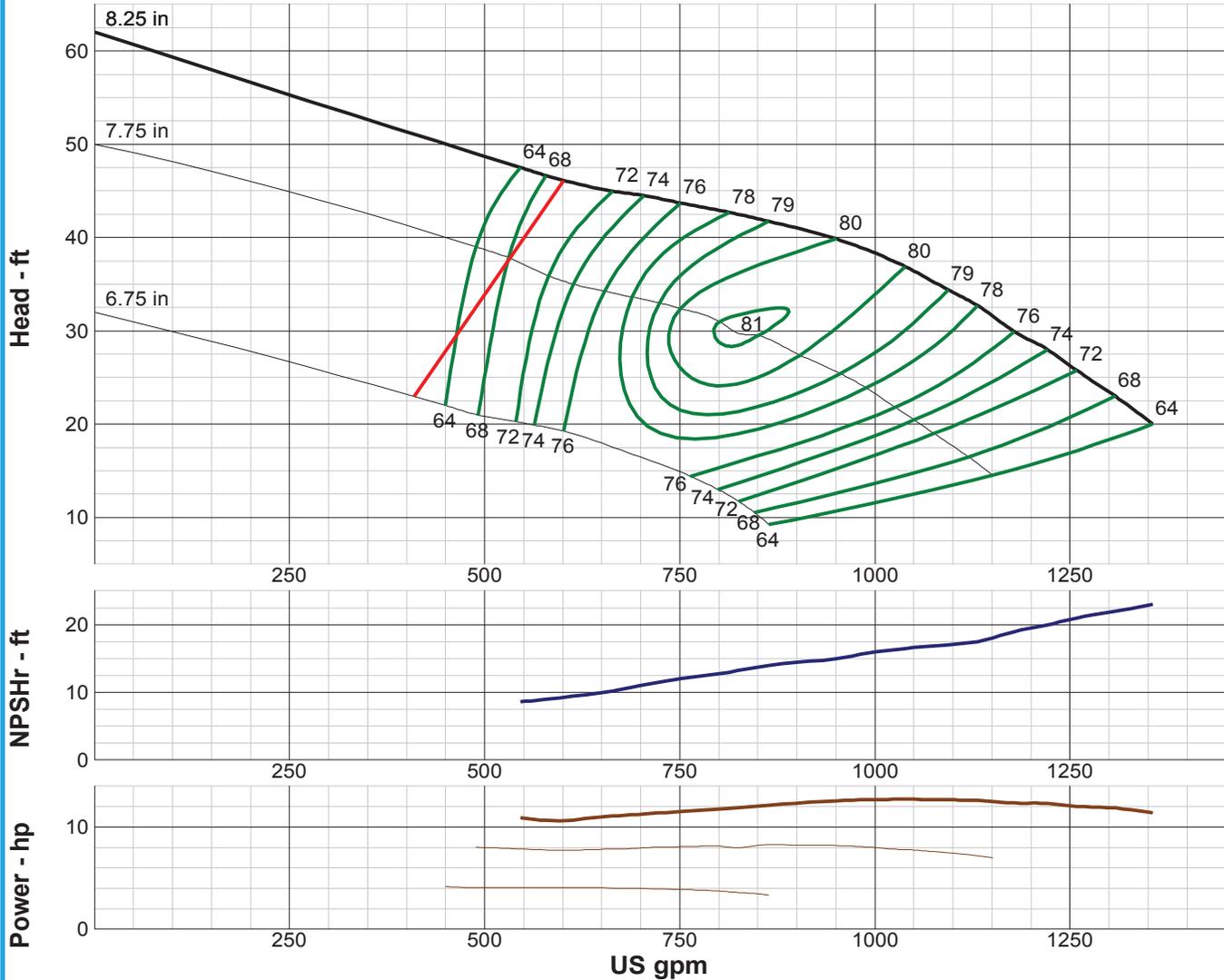


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FYS 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	3542	TRIM ANGLE: 33.25° Minimum submergence above eye of bottom impeller: 28IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=11.40	
EYE AREA	19.4 SQ. IN.	
WEIGHT	7.25 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA	
BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.875 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

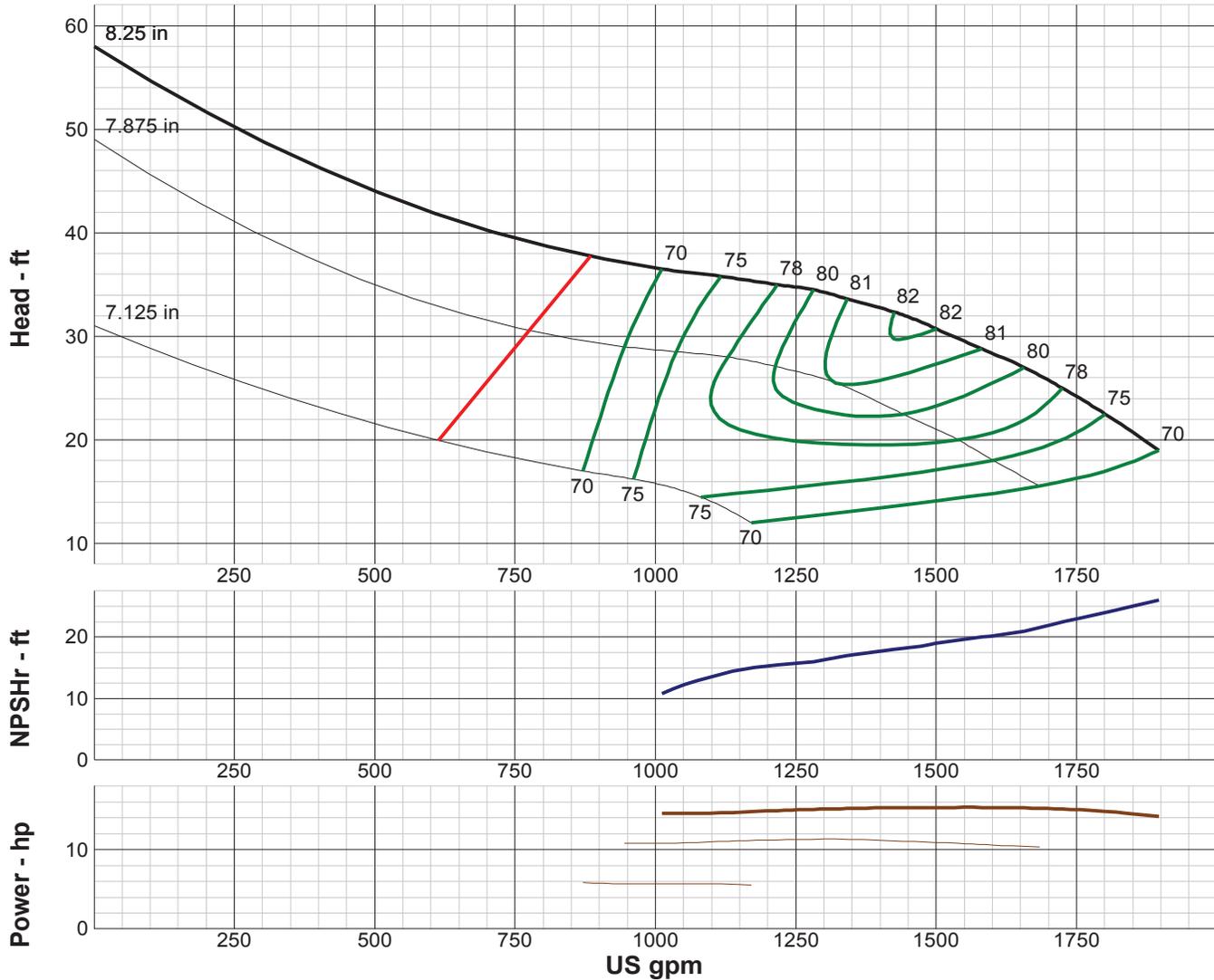


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FZC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3862	TRIM ANGLE: 42°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=13.60	
EYE AREA	26.7 SQ. IN.	
WEIGHT	9.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-6	-5	-3	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3864
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.438 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

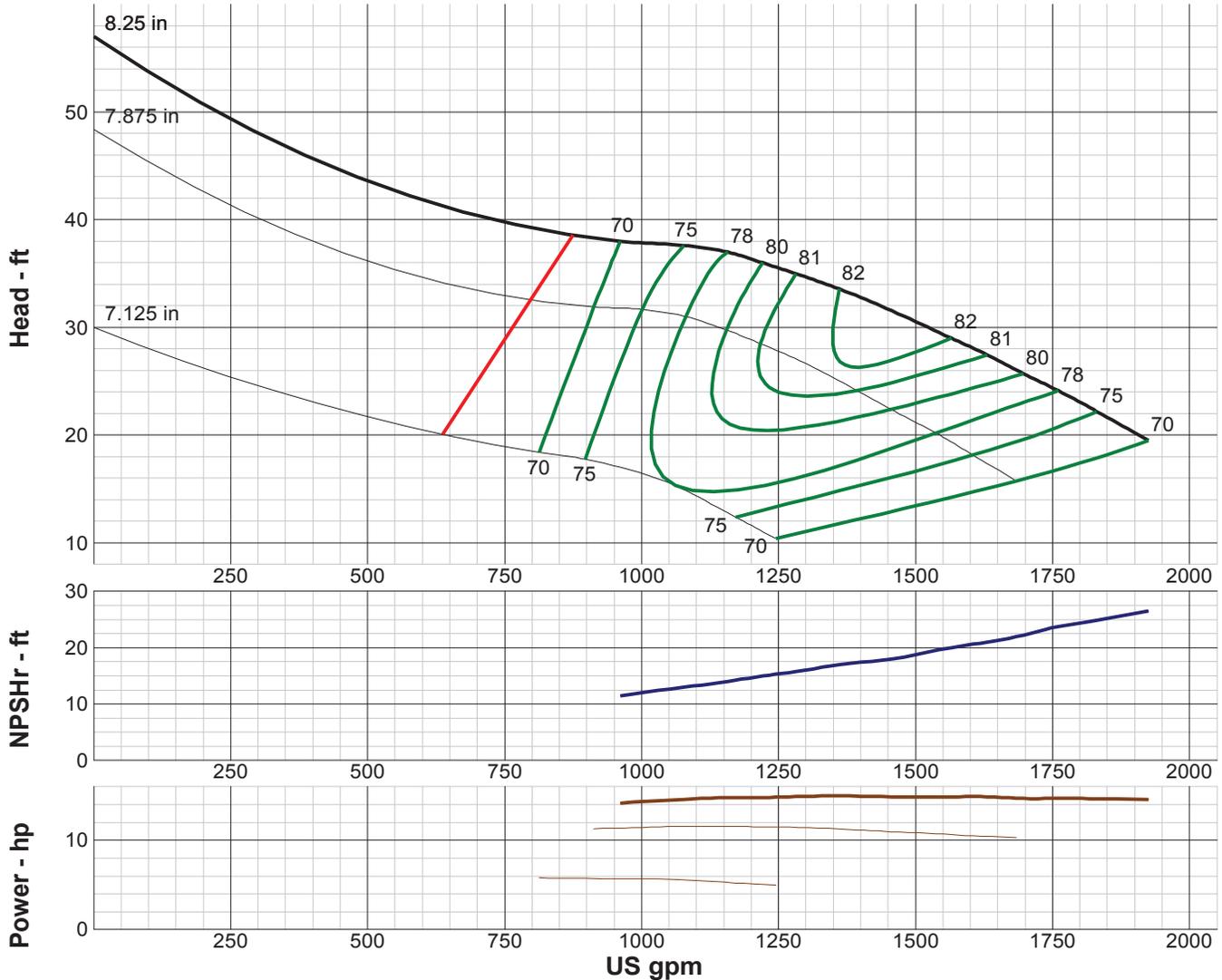


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FZS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3863	TRIM ANGLE: 42°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=13.50	
EYE AREA	26.7 SQ. IN.	
WEIGHT	5.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-5	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

FLANGED BOWL DATA

BOWL NUMBER	3864
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.438 IN.
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

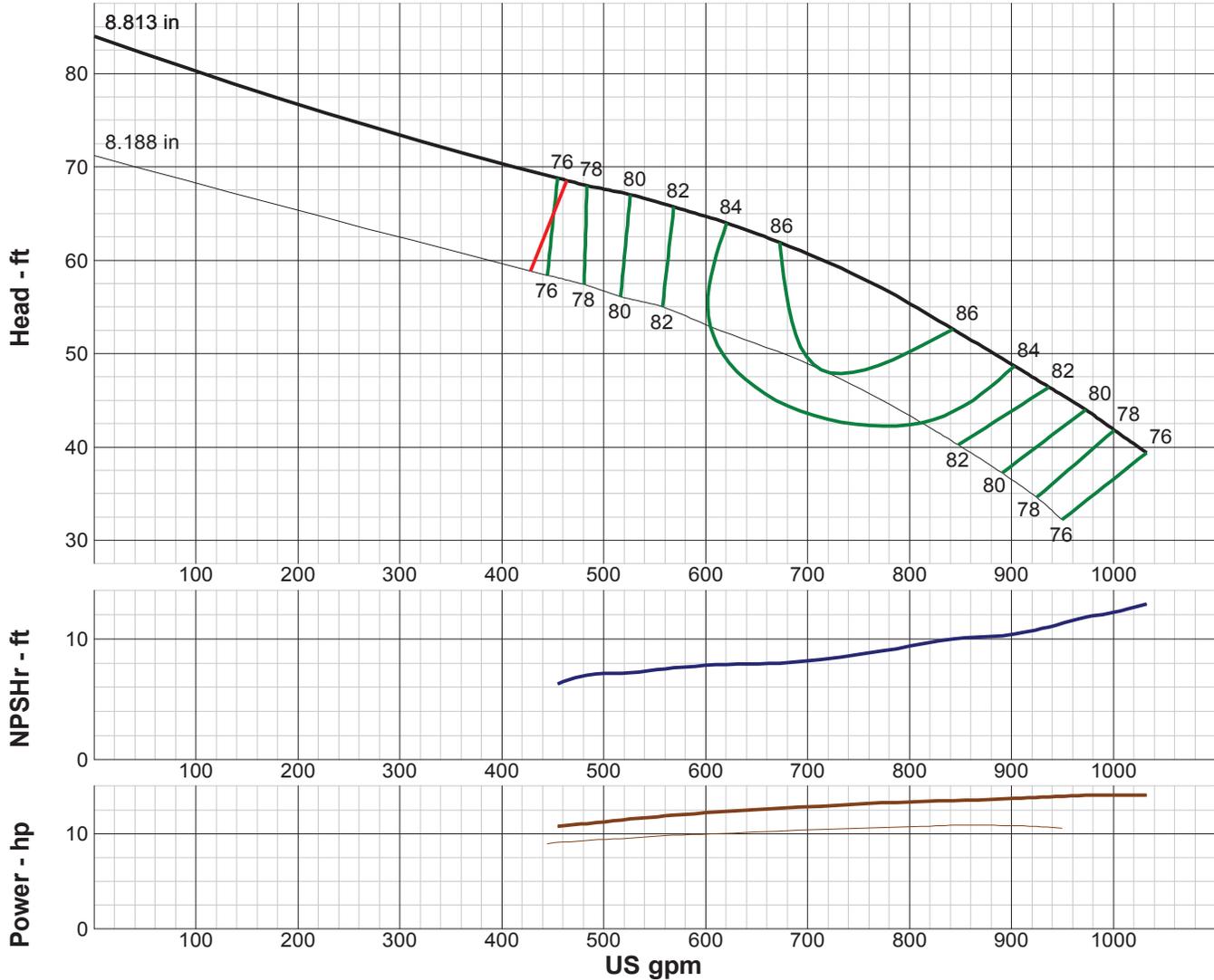


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

11FLC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	0183	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=7.90	
EYE AREA	17.7 SQ. IN.	
WEIGHT	15.40 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	25
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

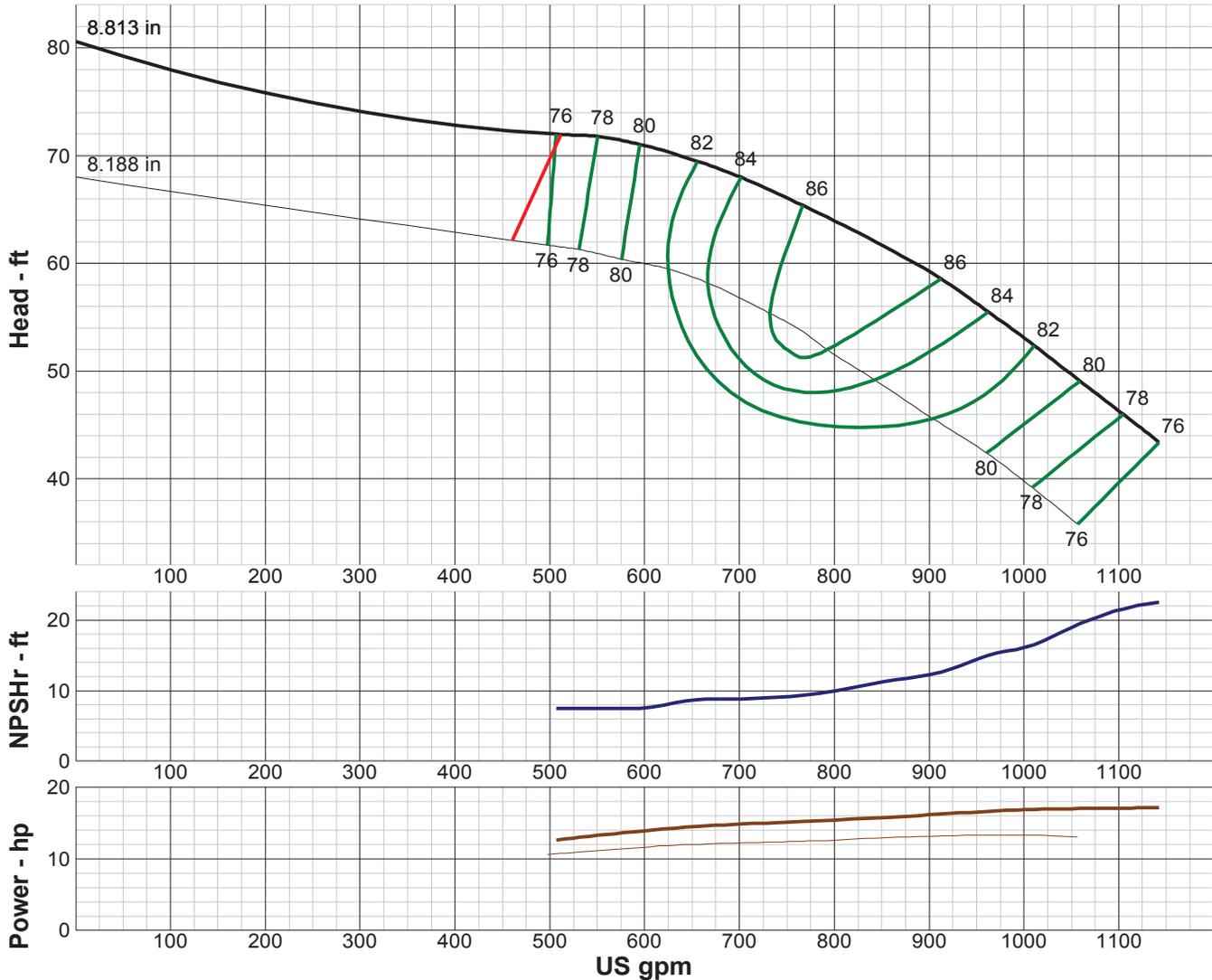


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

11FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	0184	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=7.80	
EYE AREA	17.7 SQ. IN.	
WEIGHT	15.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	22
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

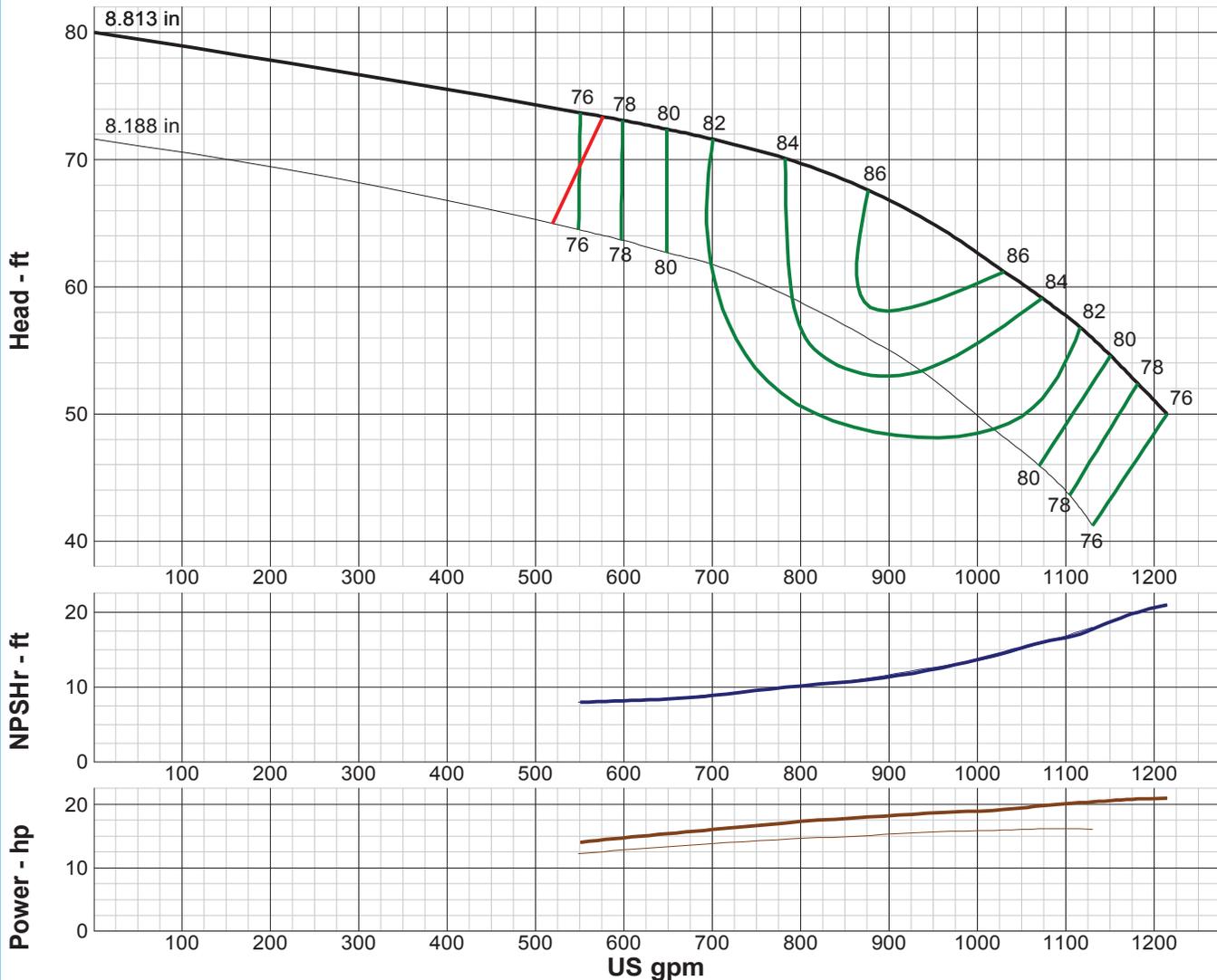


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

11FHC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	0185	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=7.40	
EYE AREA	17.7 SQ. IN.	
WEIGHT	15.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

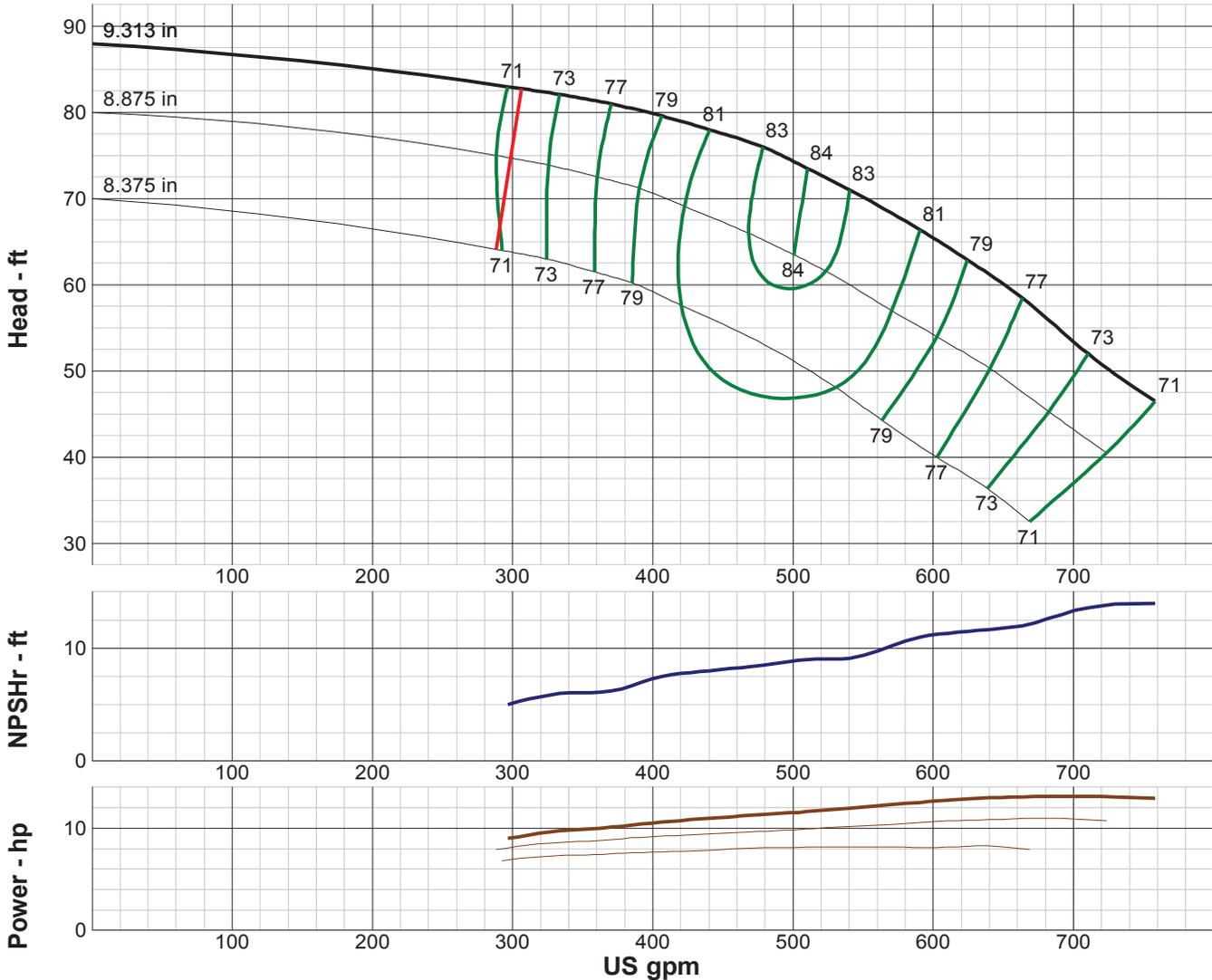


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FDC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	2995	TRIM ANGLE: 25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=5.13	
EYE AREA	15.9 SQ. IN.	
WEIGHT	14.25 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	2993
BOWL MAX. DIAMETER	11.688 IN.
BOWL MIN. DIAMETER	11.563 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

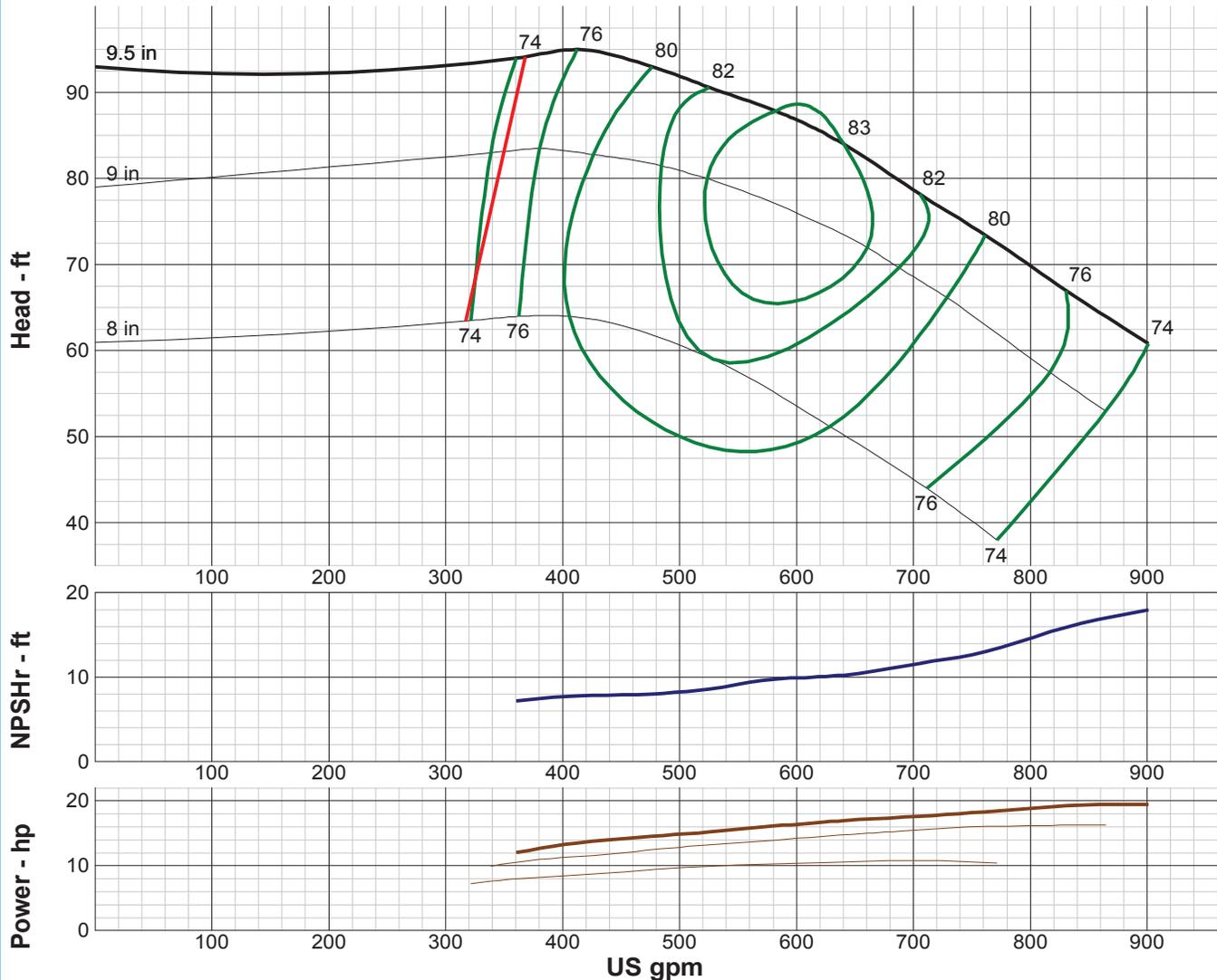


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FJC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	2990	TRIM ANGLE: 25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=6.60	
EYE AREA	15.9 SQ. IN.	
WEIGHT	14.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2993
BOWL MAX. DIAMETER	11.688 IN.
BOWL MIN. DIAMETER	11.563 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.500 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

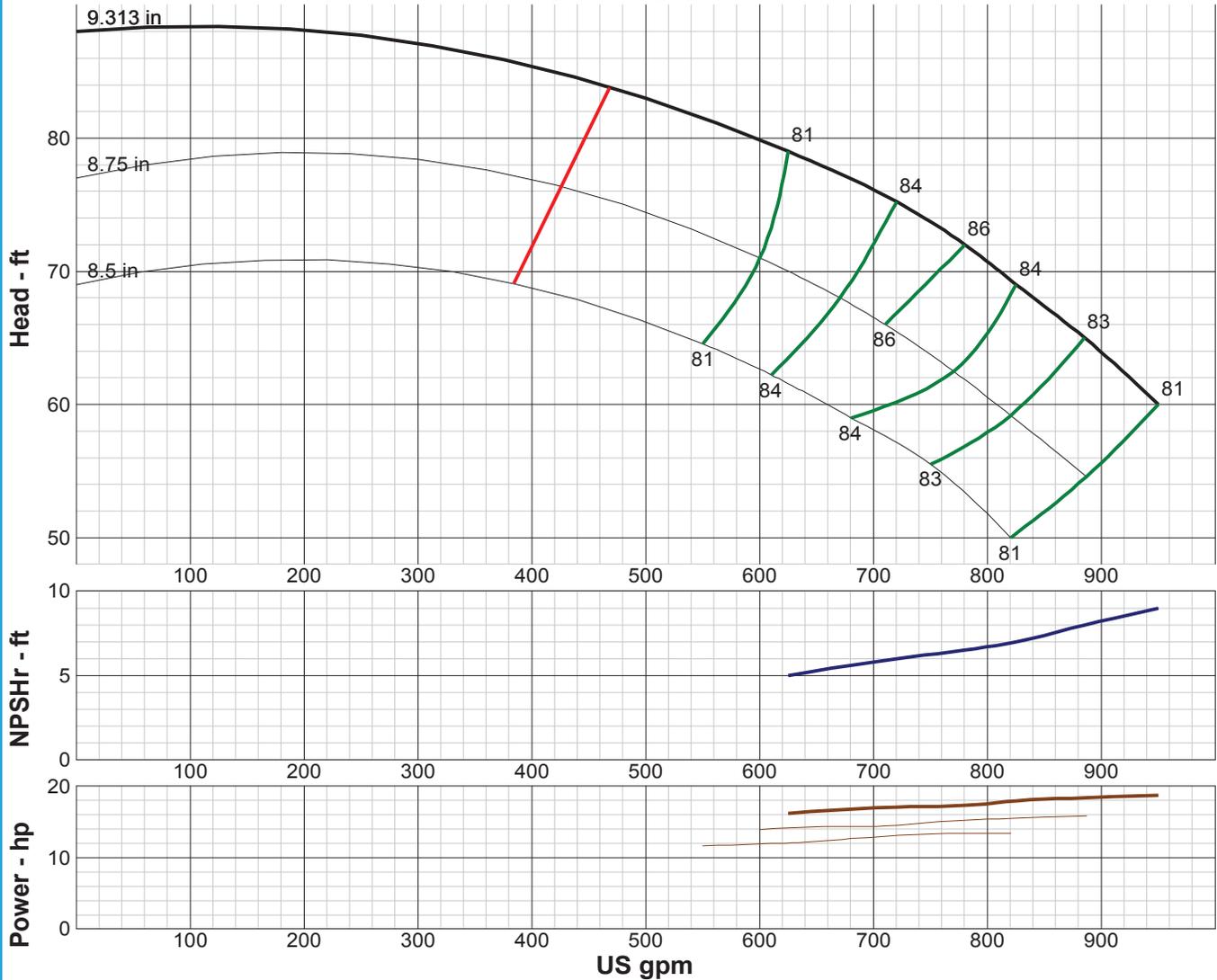


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FIC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	2996	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=6.75	
EYE AREA	18.1 SQ. IN.	
WEIGHT	15.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2994
BOWL MAX. DIAMETER	12.000 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

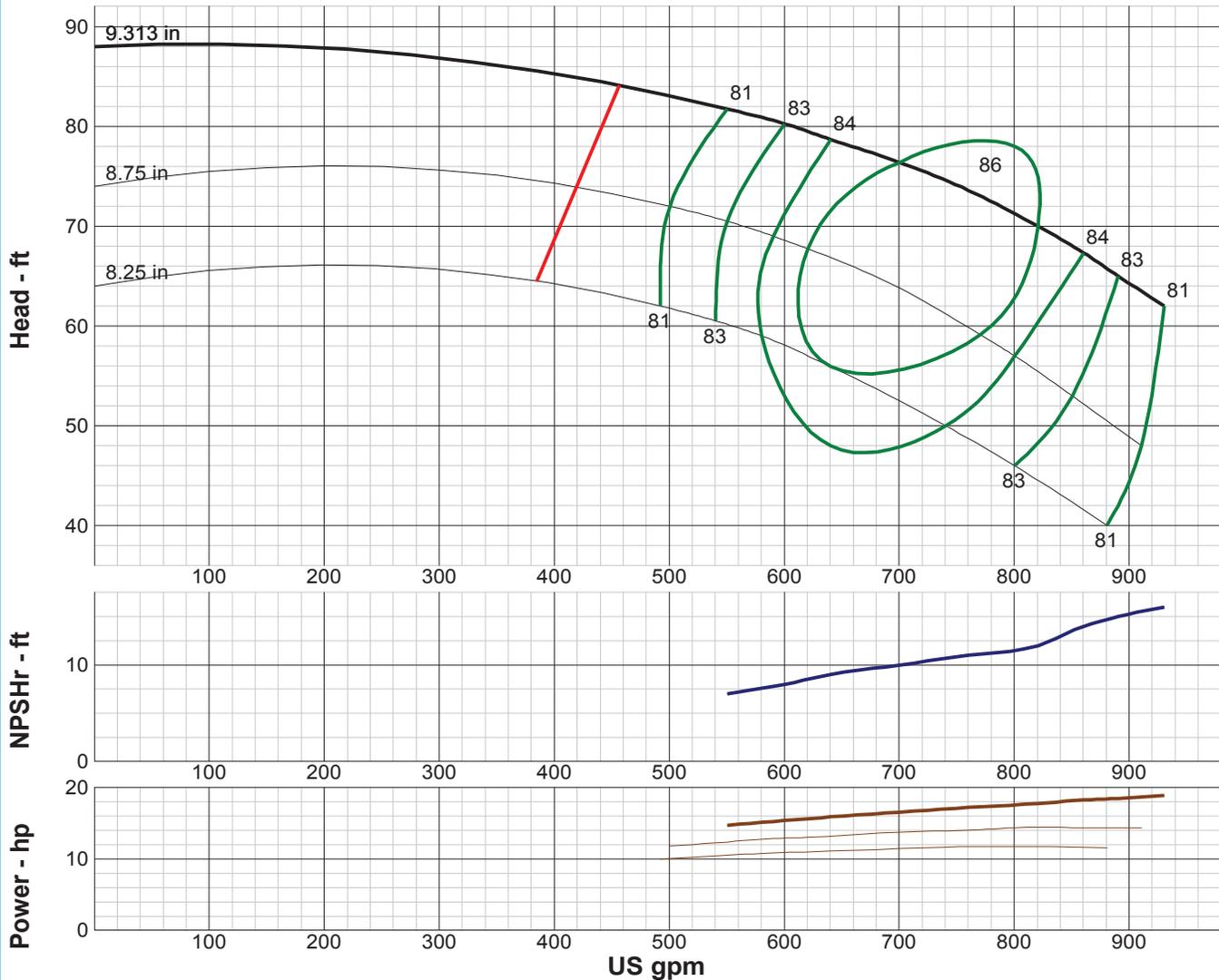


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FIS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	2997	TRIM ANGLE: 23°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=8.20	
EYE AREA	18.1 SQ. IN.	
WEIGHT	9.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-3	-2	-1
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2994
BOWL MAX. DIAMETER	12.000 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

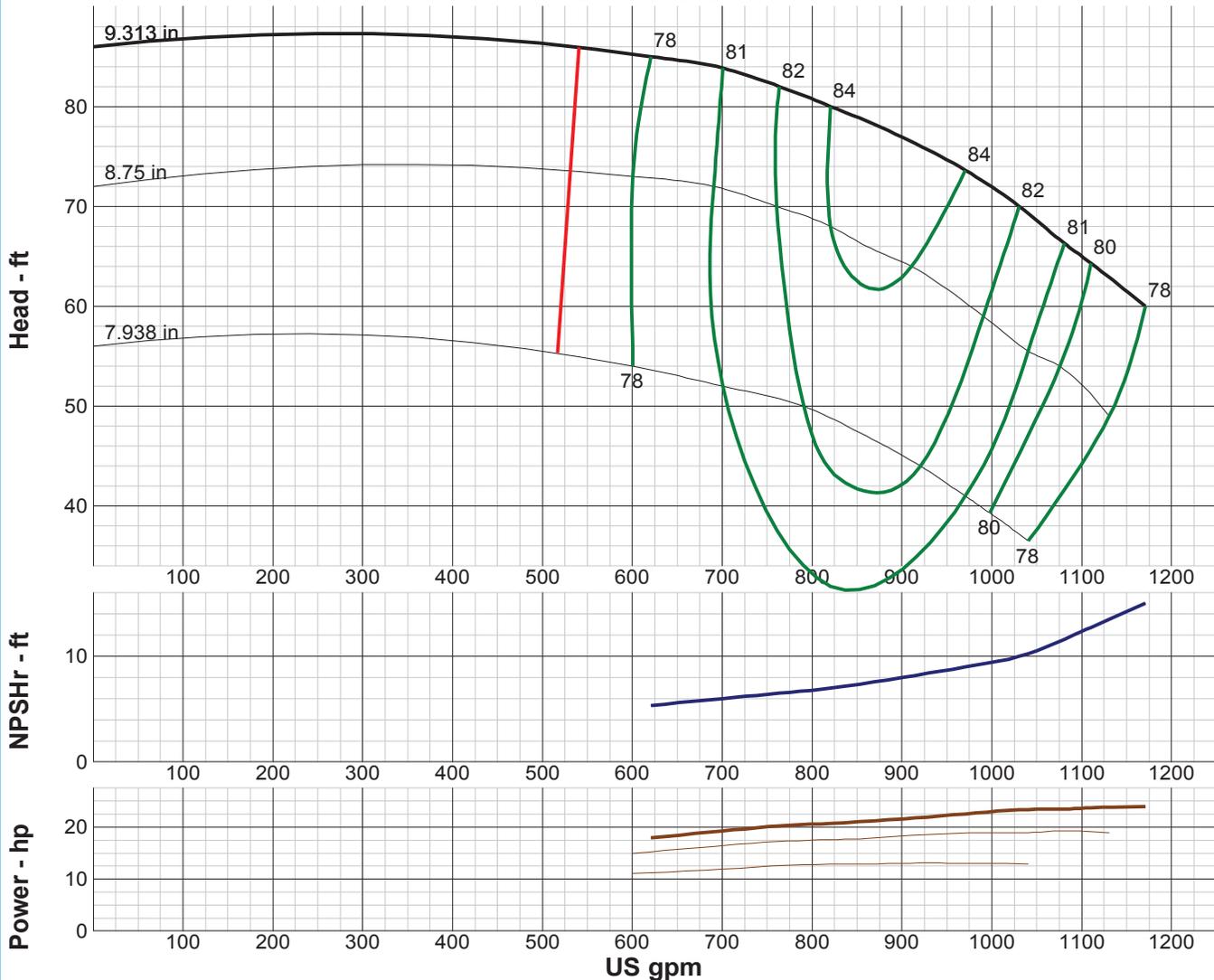


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FKC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	2991	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=6.50	
EYE AREA	18.1 SQ. IN.	
WEIGHT	16.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2994
BOWL MAX. DIAMETER	12.000 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

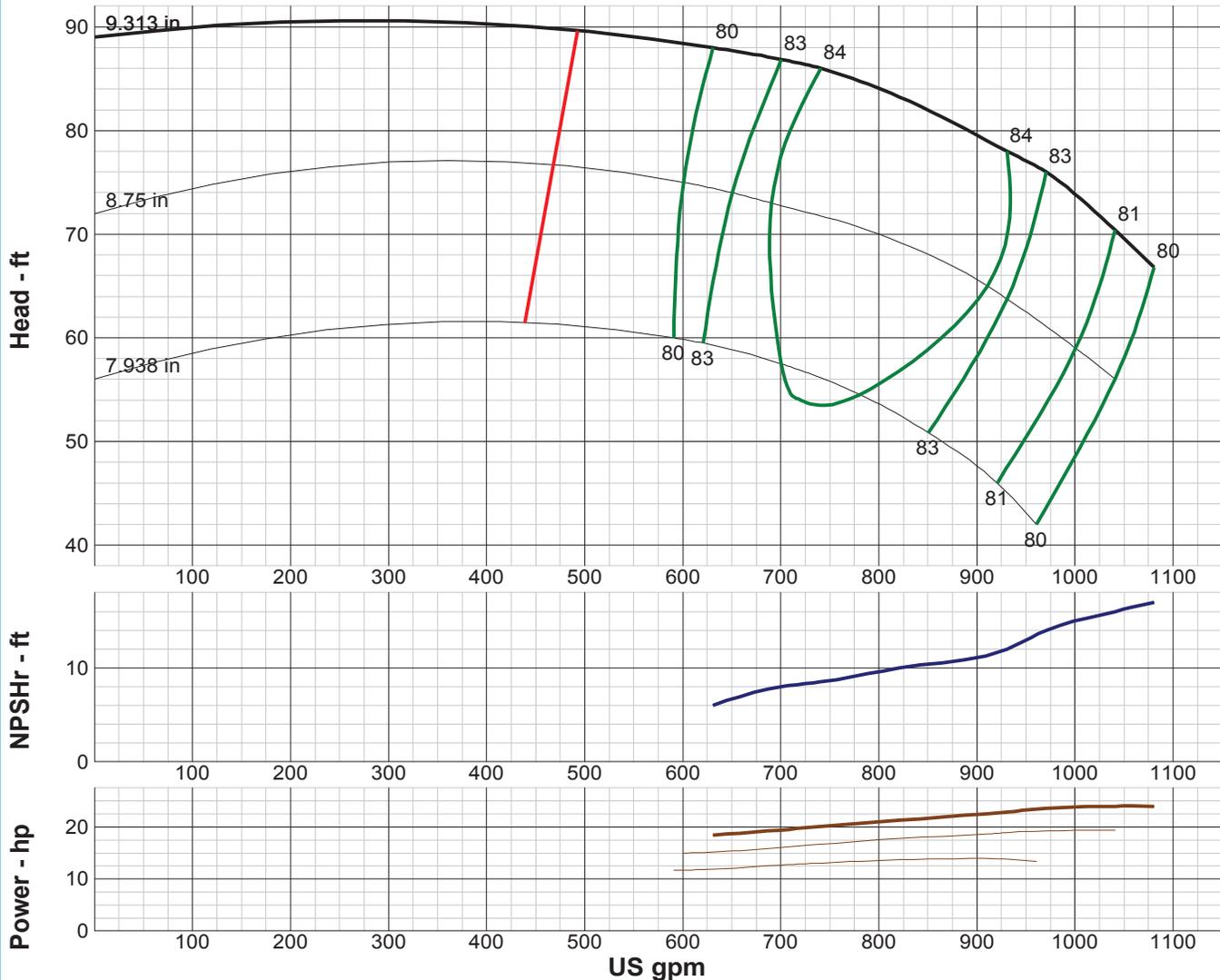


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FKS 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	2992	TRIM ANGLE: 23°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=7.75	
EYE AREA	20.4 SQ. IN.	
WEIGHT	9.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	2994
BOWL MAX. DIAMETER	12.000 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

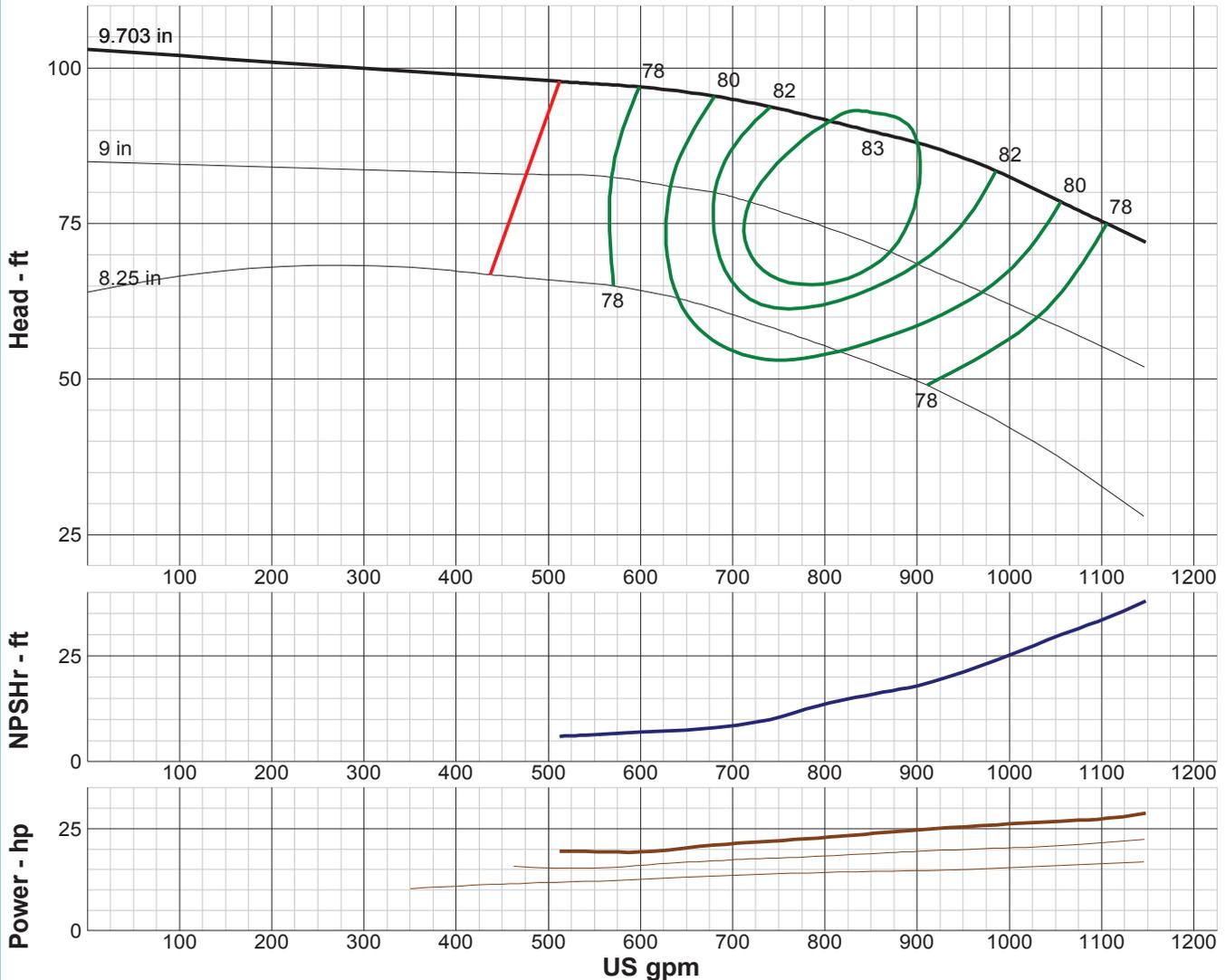


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FNC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	0704	TRIM ANGLE: 26°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=4.40	
EYE AREA	14.1 SQ. IN.	
WEIGHT	12.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	0902
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	245 LB.
ADD STAGE WEIGHT	102 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	515 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

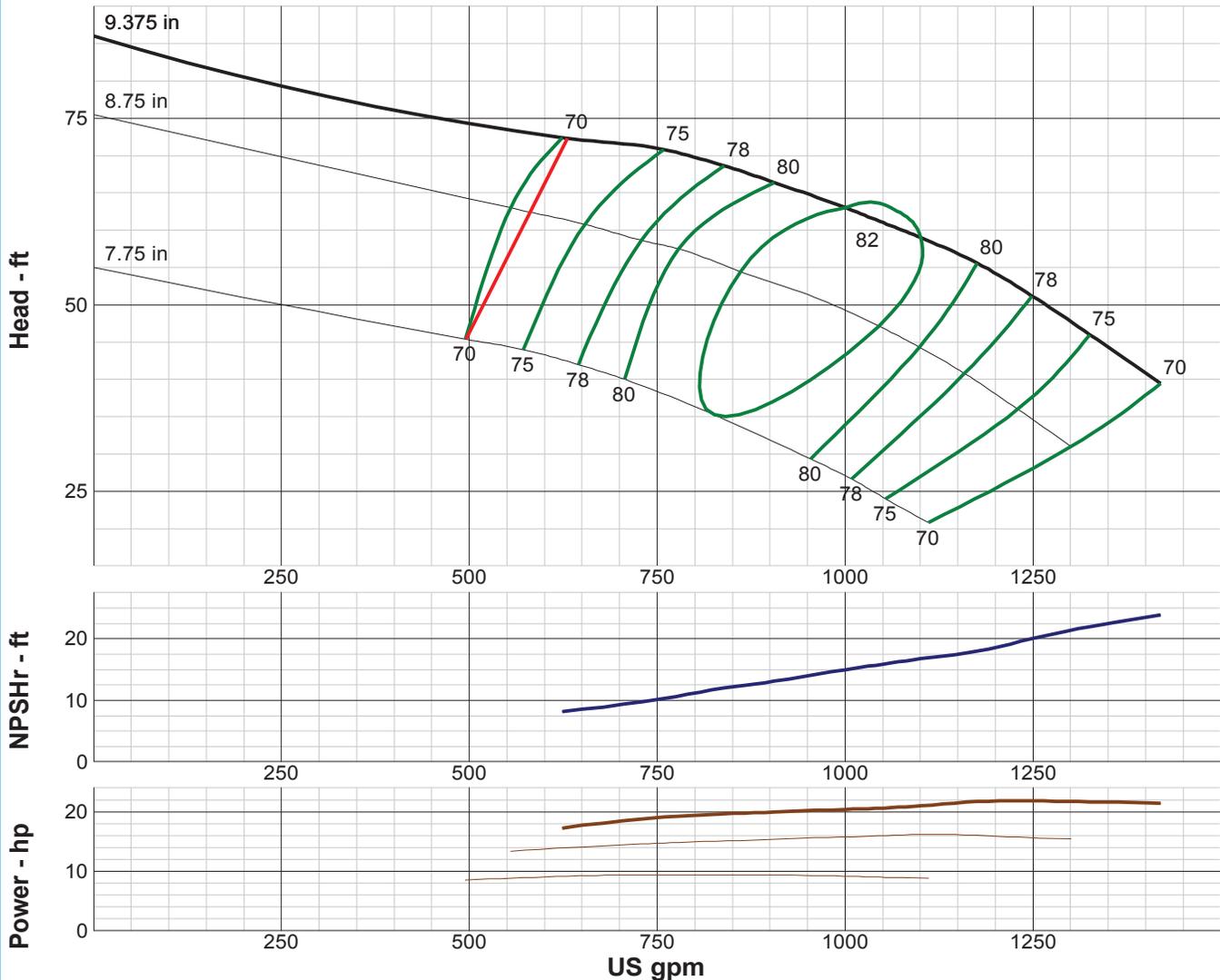


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FLC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3778	TRIM ANGLE: 21.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=10.60	
EYE AREA	20.1 SQ. IN.	
WEIGHT	15.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2952
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

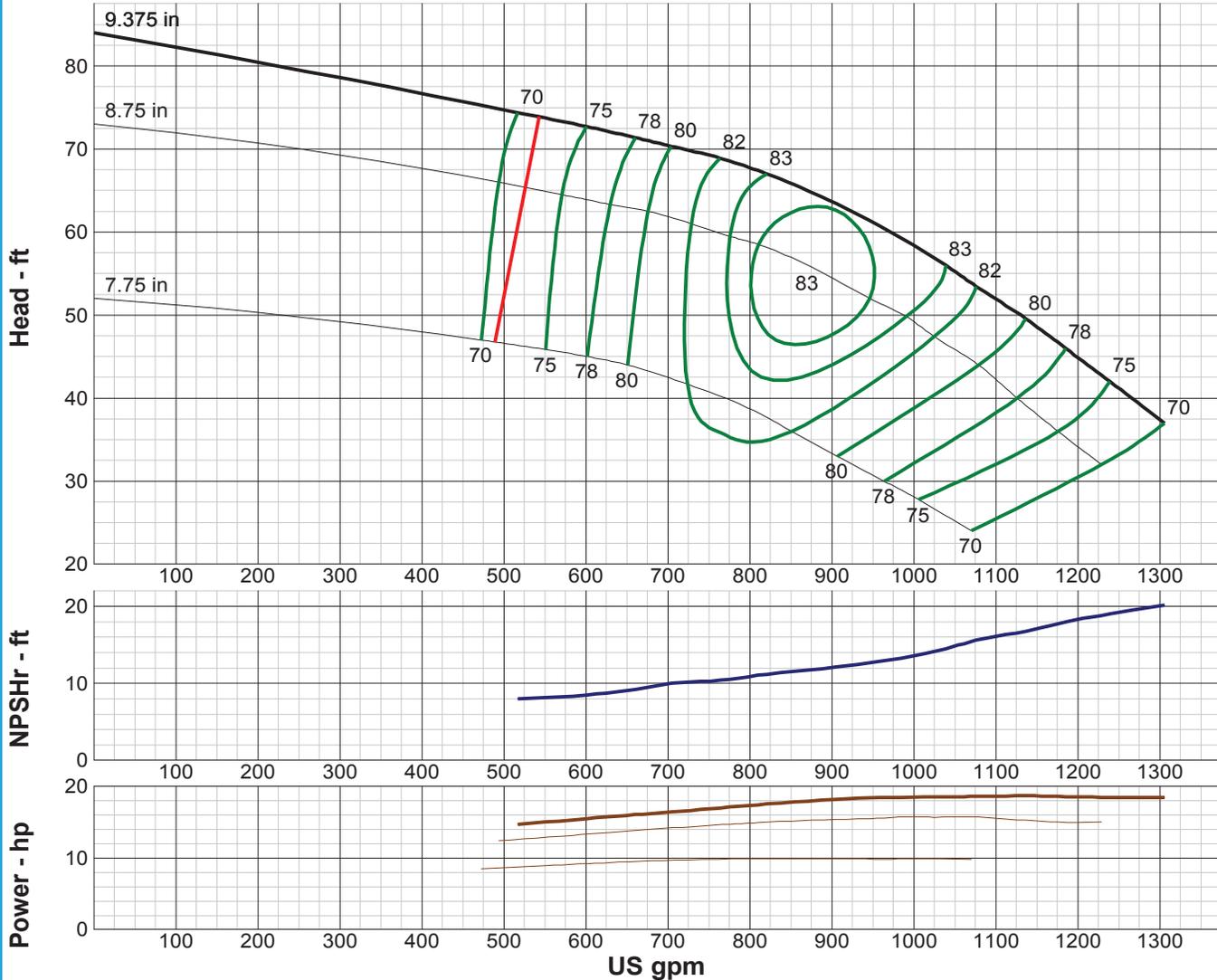


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FLS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3779	TRIM ANGLE: 21.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=12.50	
EYE AREA	20.1 SQ. IN.	
WEIGHT	8.13 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2952
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

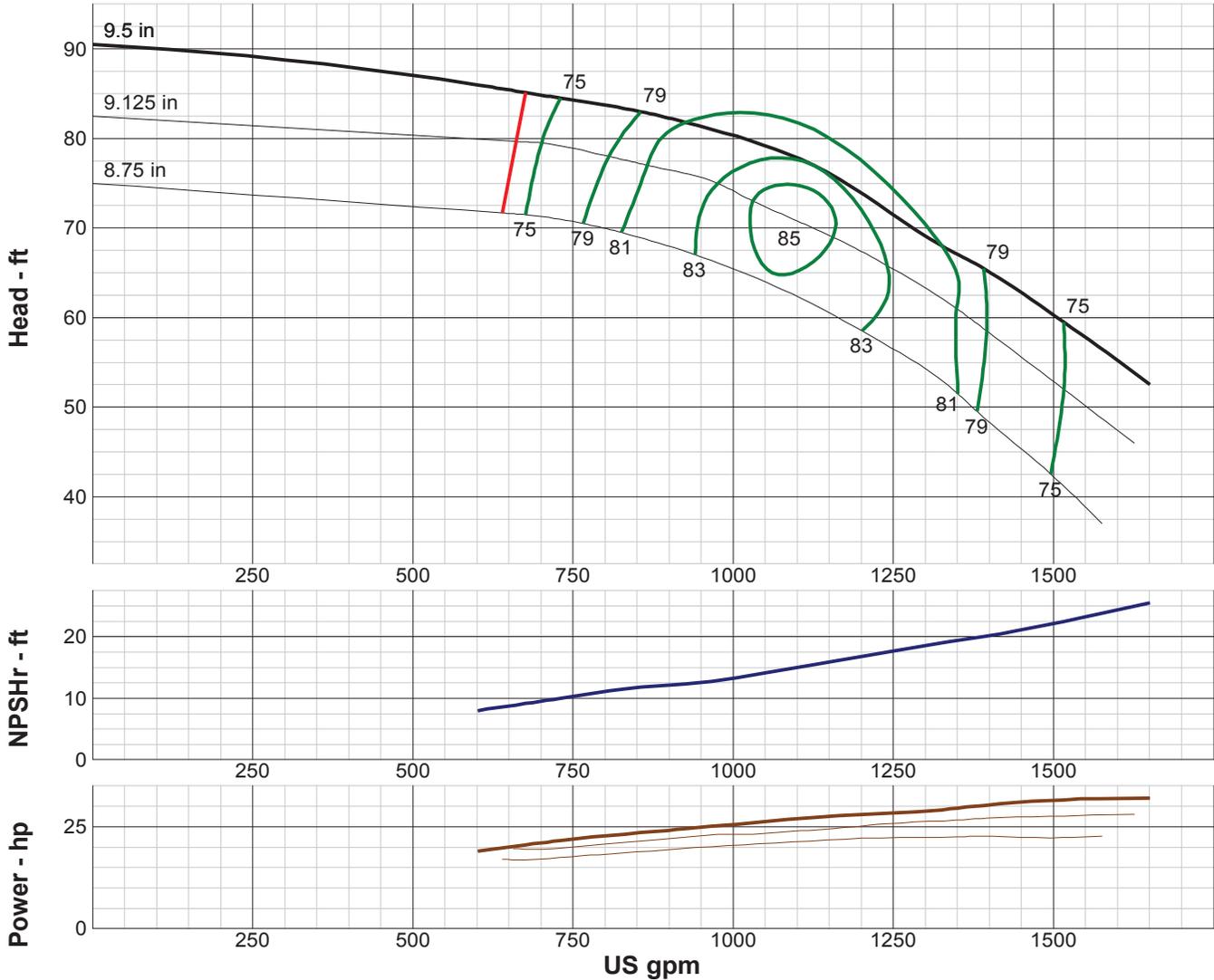


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FGC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	3850	TRIM ANGLE: 24°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=5.10	
EYE AREA	20.1 SQ. IN.	
WEIGHT	17.50 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	3841
BOWL MAX. DIAMETER	11.938 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	265 LB.
ADD STAGE WEIGHT	126 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	1.000 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

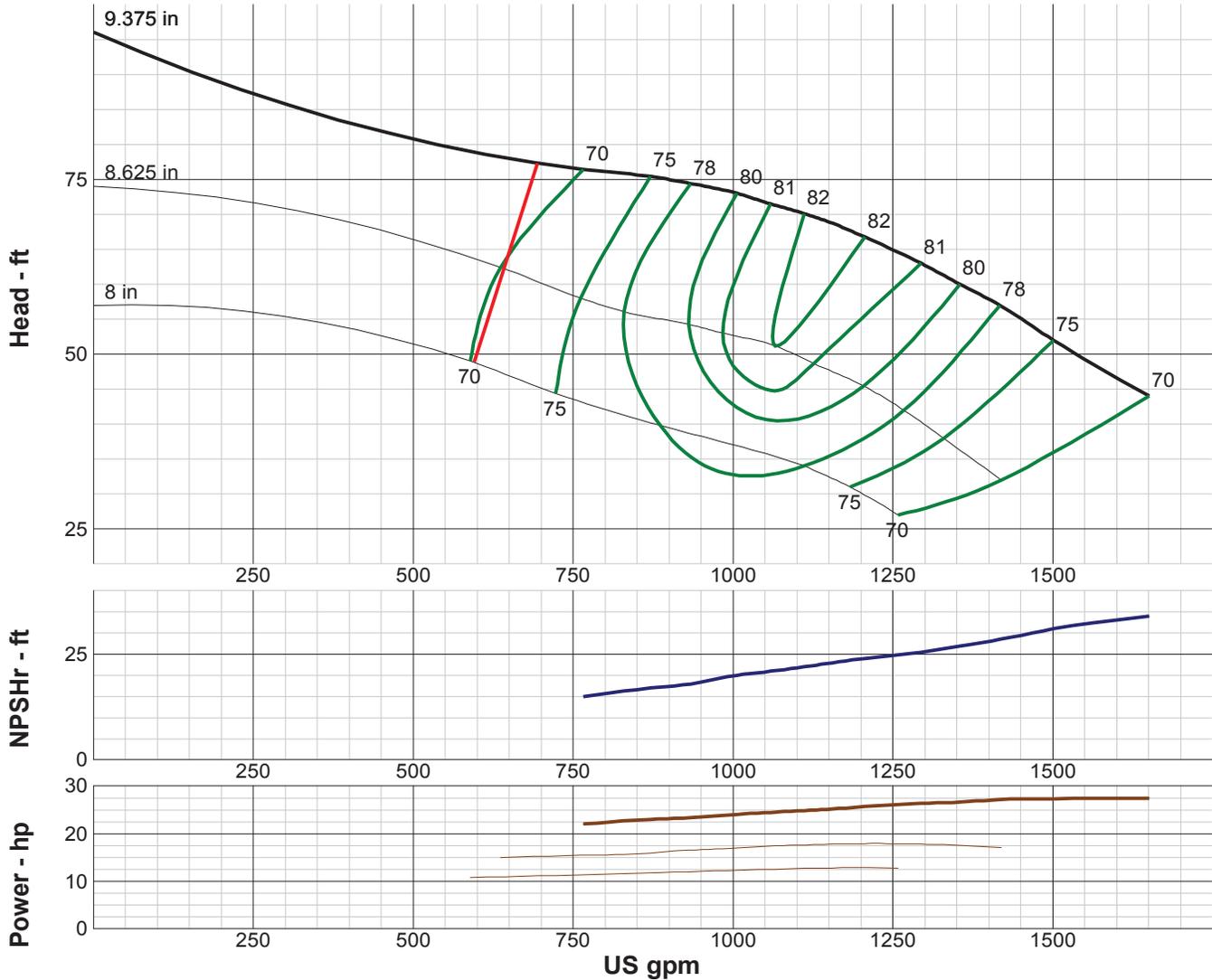


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FMC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	2951	TRIM ANGLE: 21.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=10.60	
EYE AREA	20.1 SQ. IN.	
WEIGHT	15.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	2952
BOWL MAX. DIAMETER	12.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

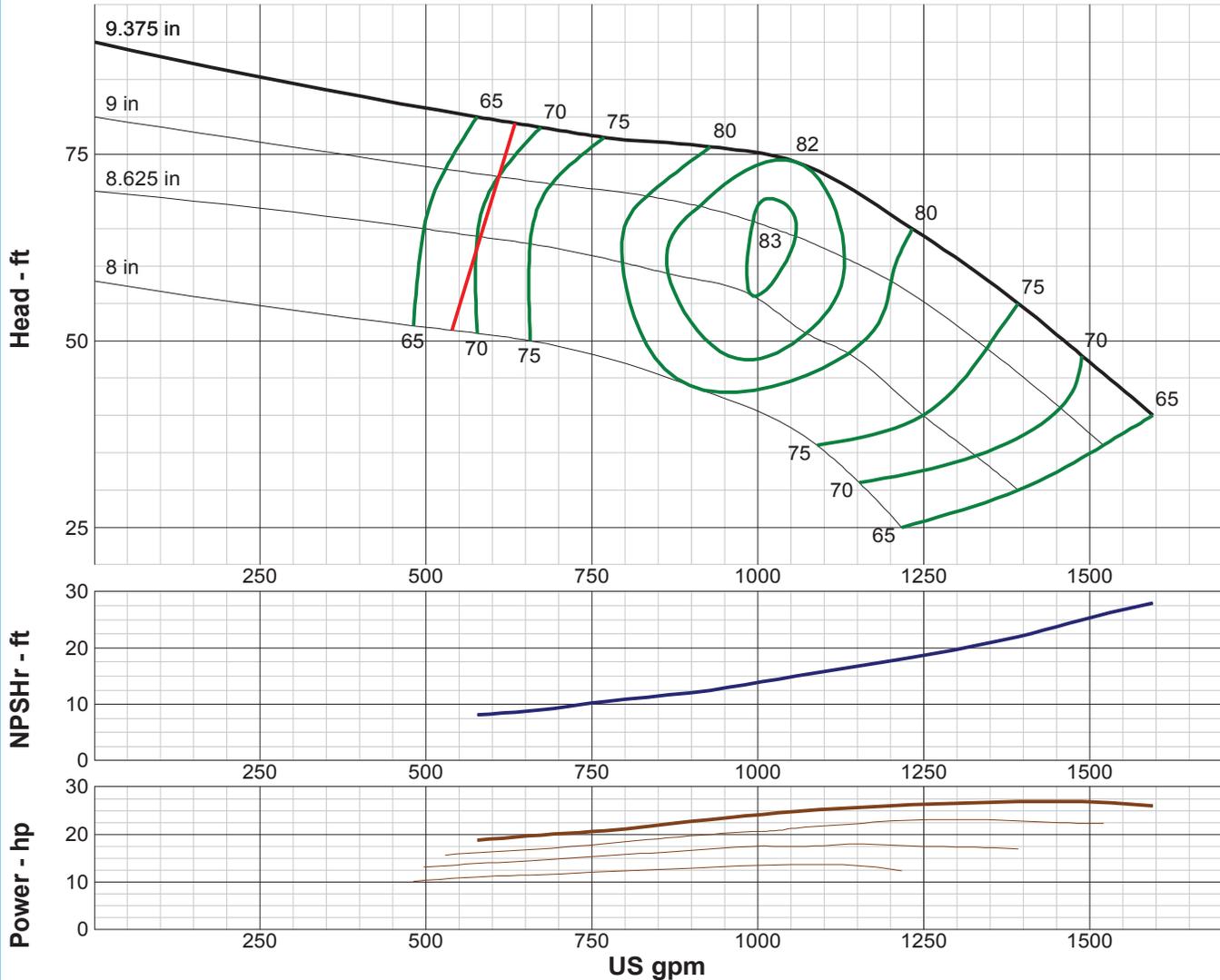


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FMS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	2956	TRIM ANGLE: 21.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=12.50	
EYE AREA	20.1 SQ. IN.	
WEIGHT	10.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2952
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

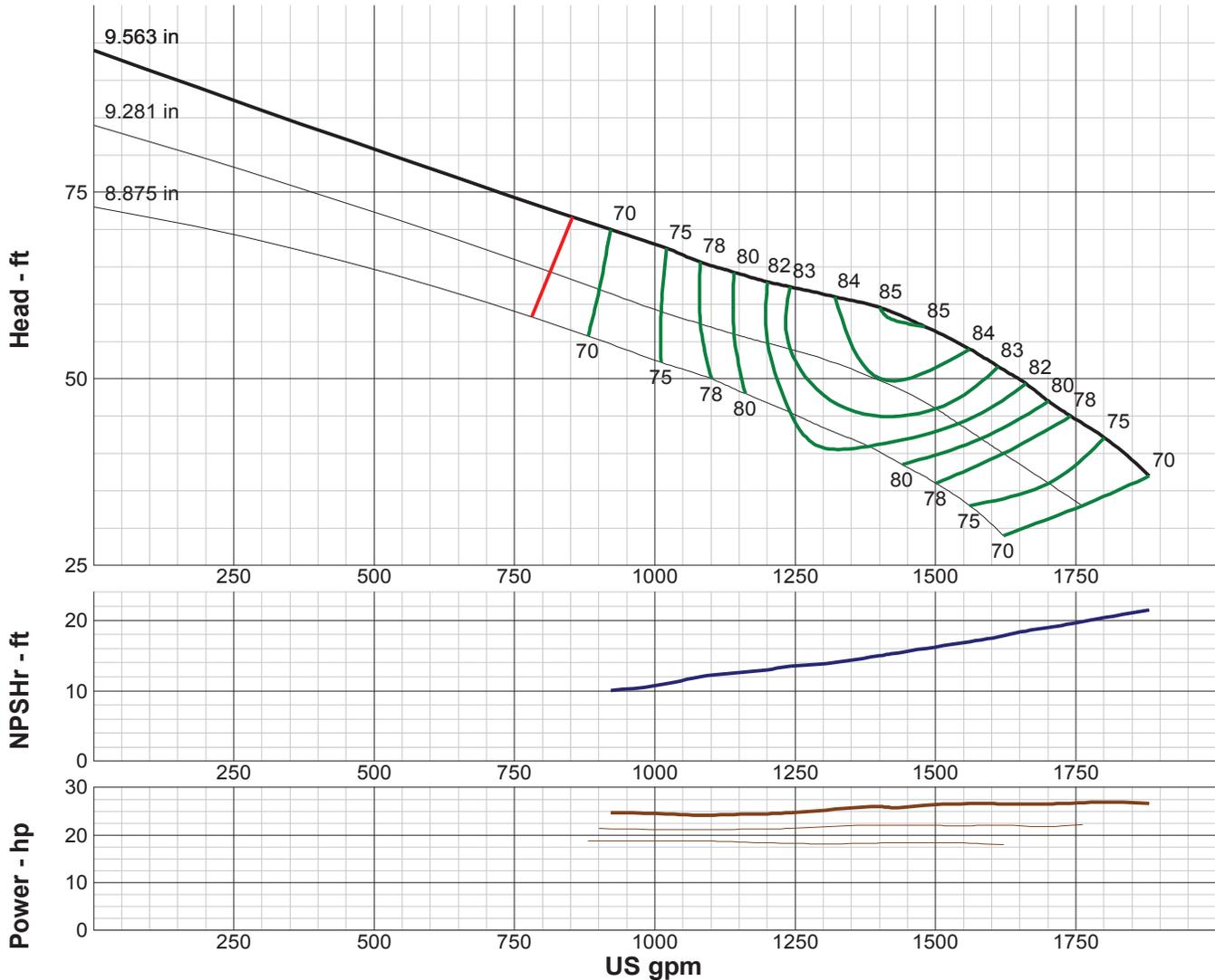


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FHC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	2914	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 26 IN.
THRUST FACTOR	K=16.50	
EYE AREA	32.4 SQ. IN.	
WEIGHT	11.50 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	2915
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

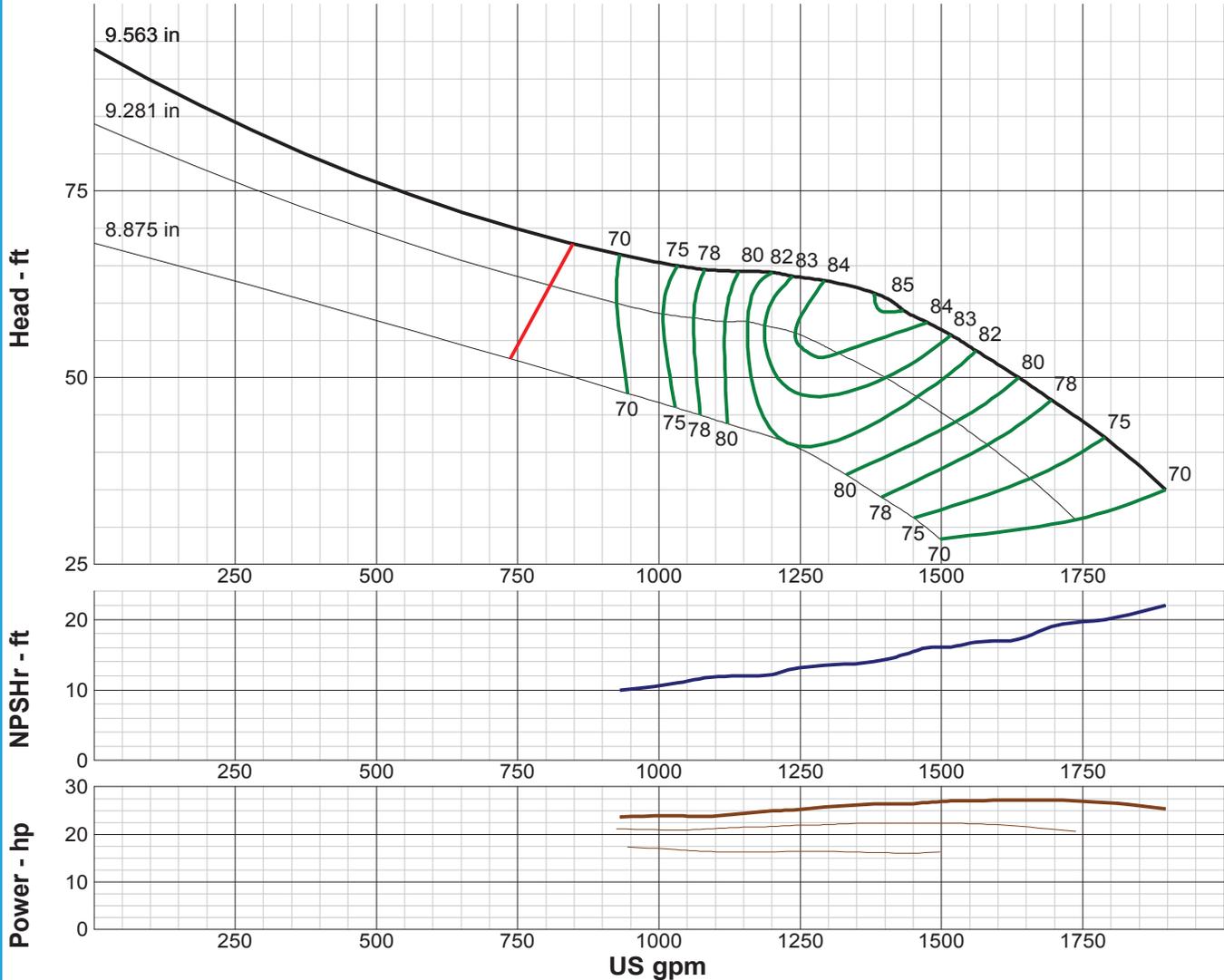


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FHS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	2953	TRIM ANGLE: 30°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=19.00	
EYE AREA	32.4 SQ. IN.	
WEIGHT	11.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	2915
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

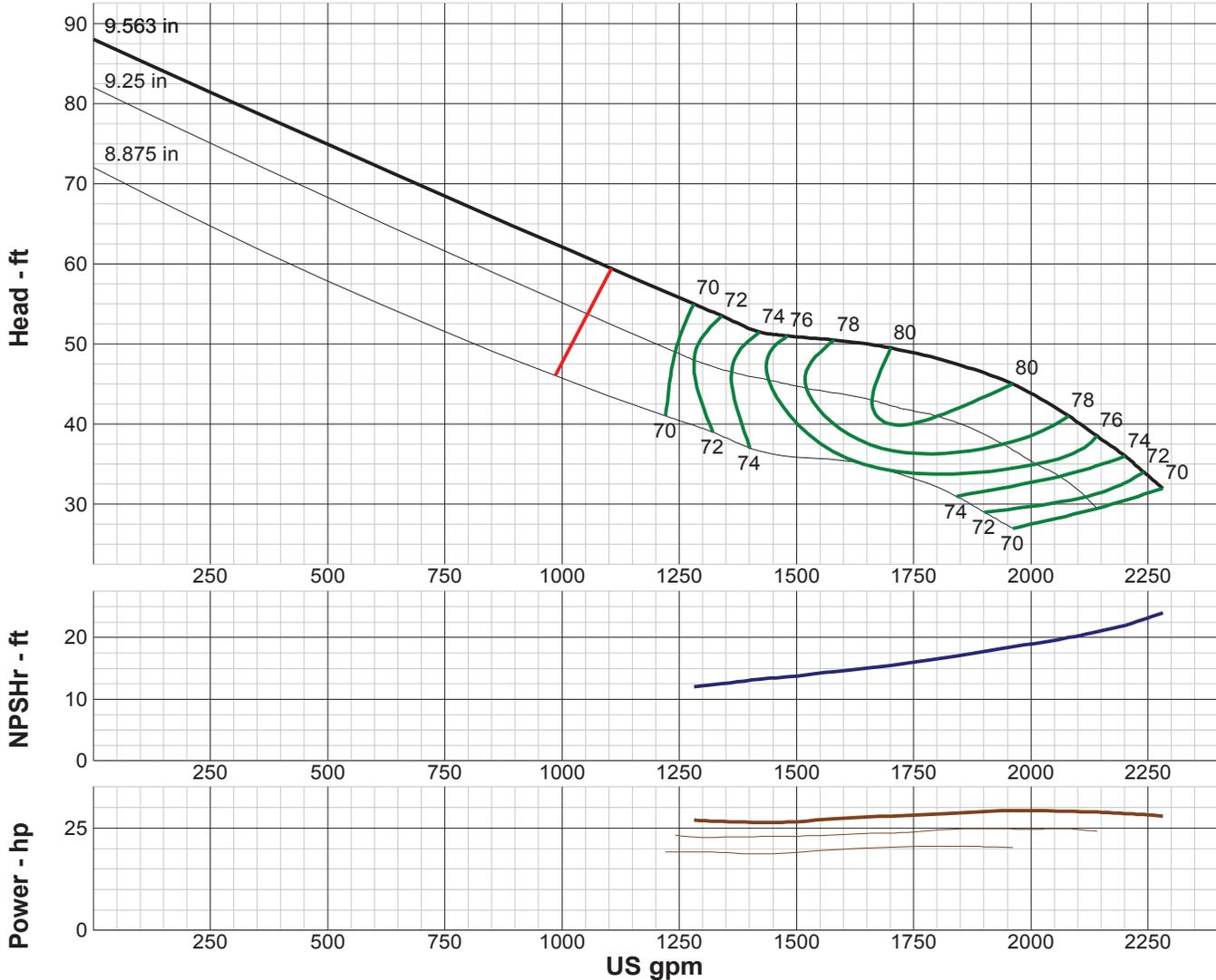


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FXC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3360	TRIM ANGLE: 26.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 28 IN.
THRUST FACTOR	K=18.20	
EYE AREA	36.6 SQ. IN.	
WEIGHT	15.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3361
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

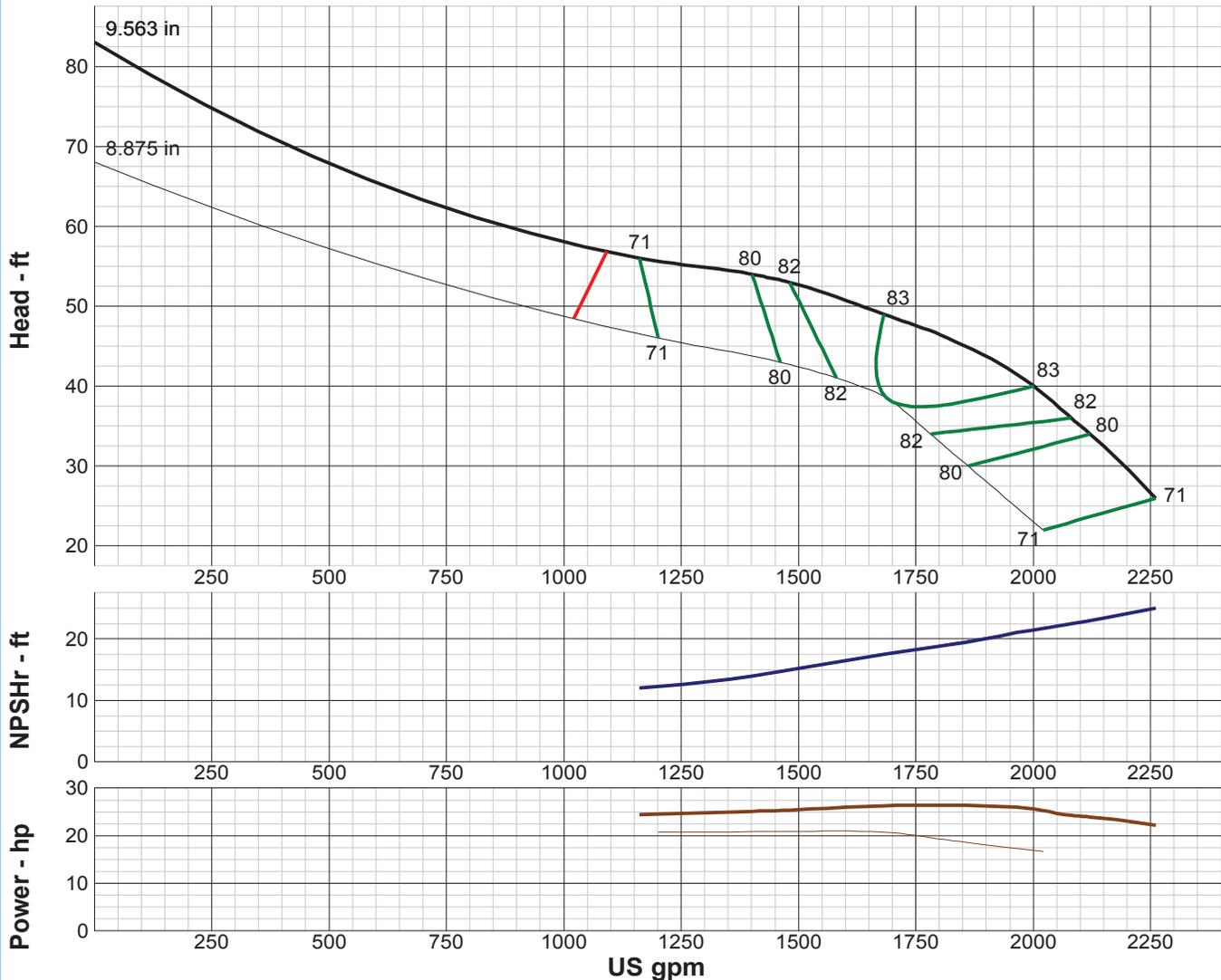


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FXS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	3374	TRIM ANGLE: 26.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=20.80	
EYE AREA	35.6 SQ. IN.	
WEIGHT	11.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	3361
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	11
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

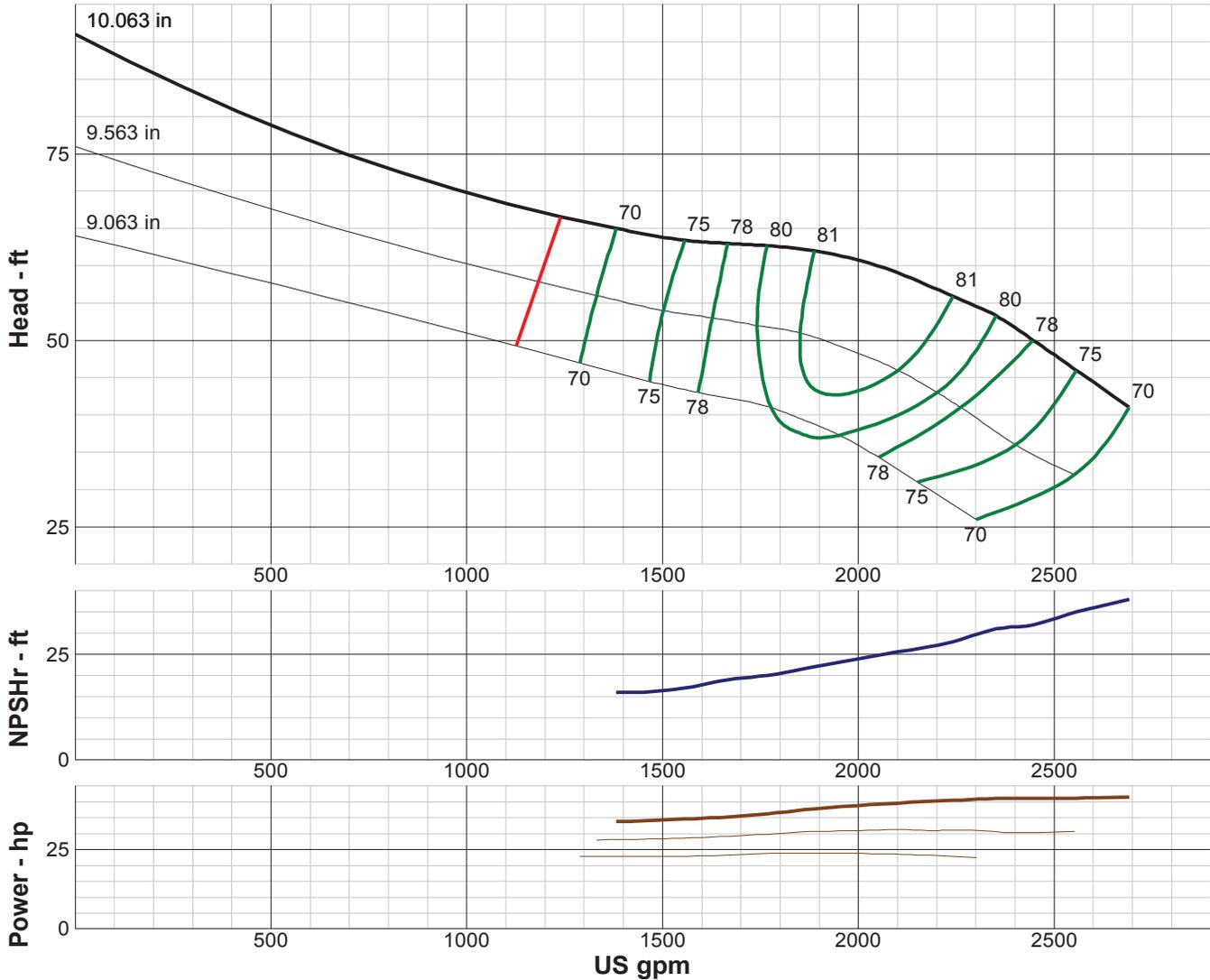


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FWC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	4777	TRIM ANGLE: 30.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=16.20	
EYE AREA	29.7 SQ. IN.	
WEIGHT	21.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	4771
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.375 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

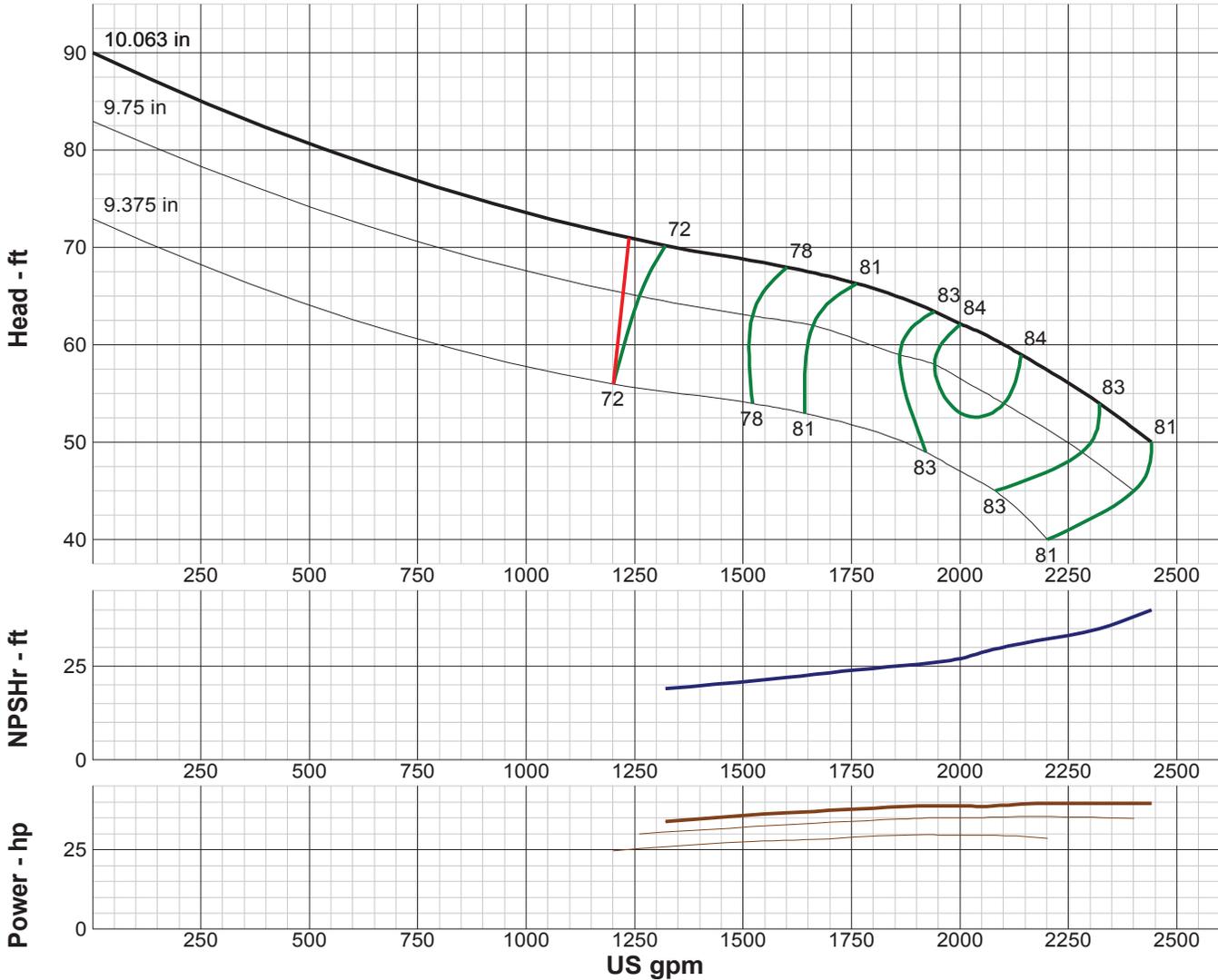


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FWS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	4777	TRIM ANGLE: 30.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=17.40	
EYE AREA	29.7 SQ. IN.	
WEIGHT	14.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	4771
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.375 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

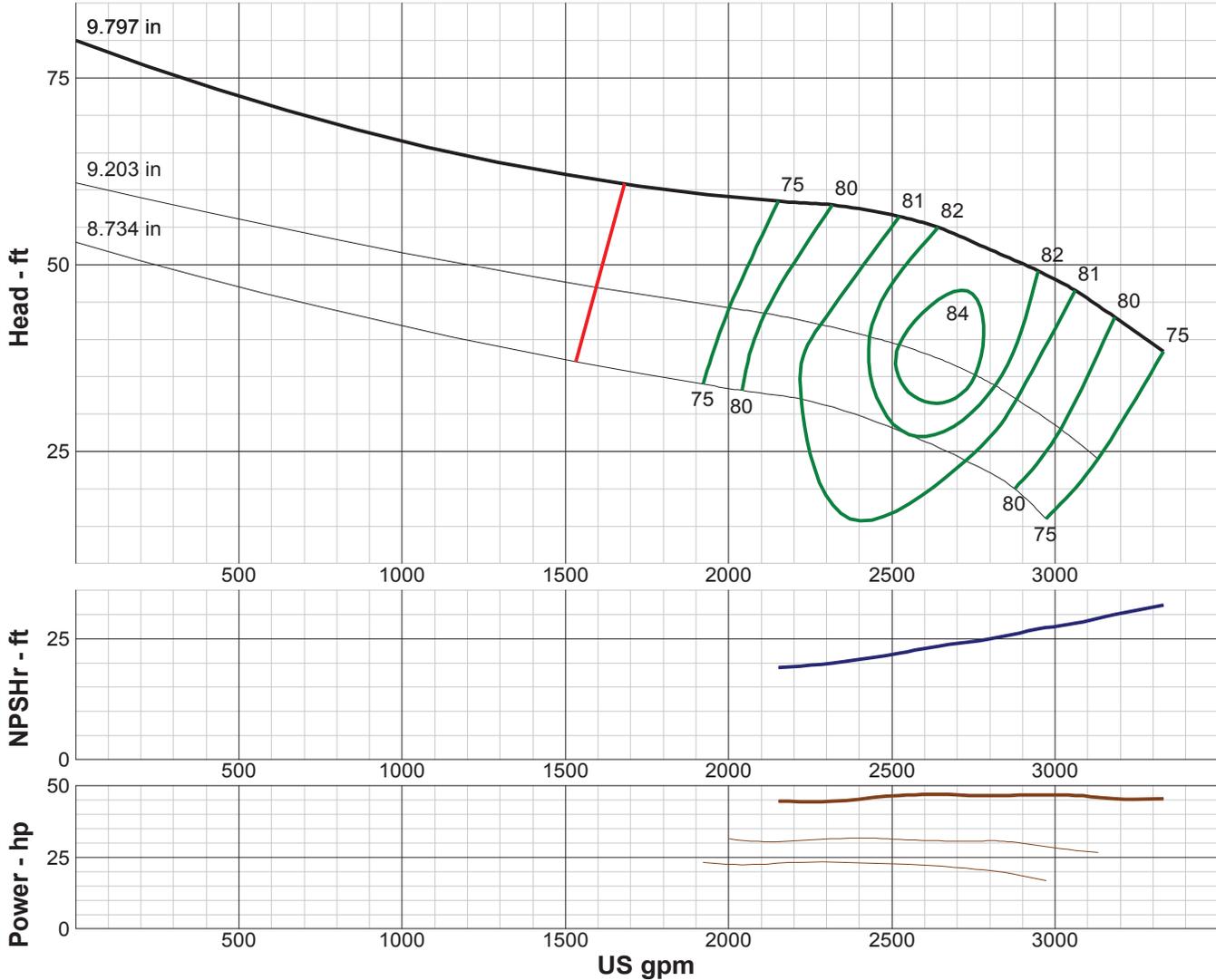


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FYC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	4778	TRIM ANGLE: 35°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=14.20	
EYE AREA	38.0 SQ. IN.	
WEIGHT	19.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA	
BOWL NUMBER	4772
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

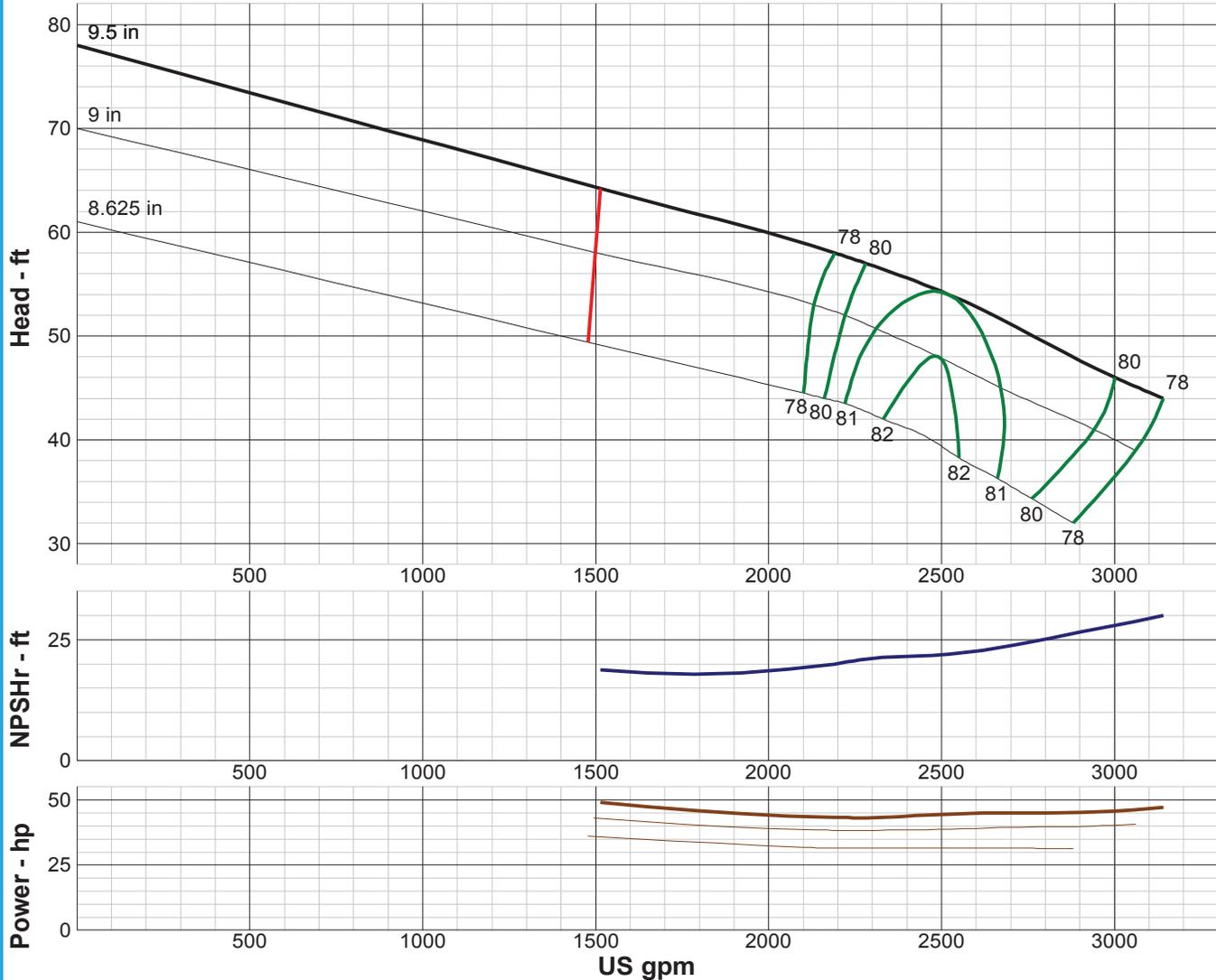


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FYS 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	4778	TRIM ANGLE: 35°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=16.50	
EYE AREA	38.0 SQ. IN.	
WEIGHT	19.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

FLANGED BOWL DATA

BOWL NUMBER	4772
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

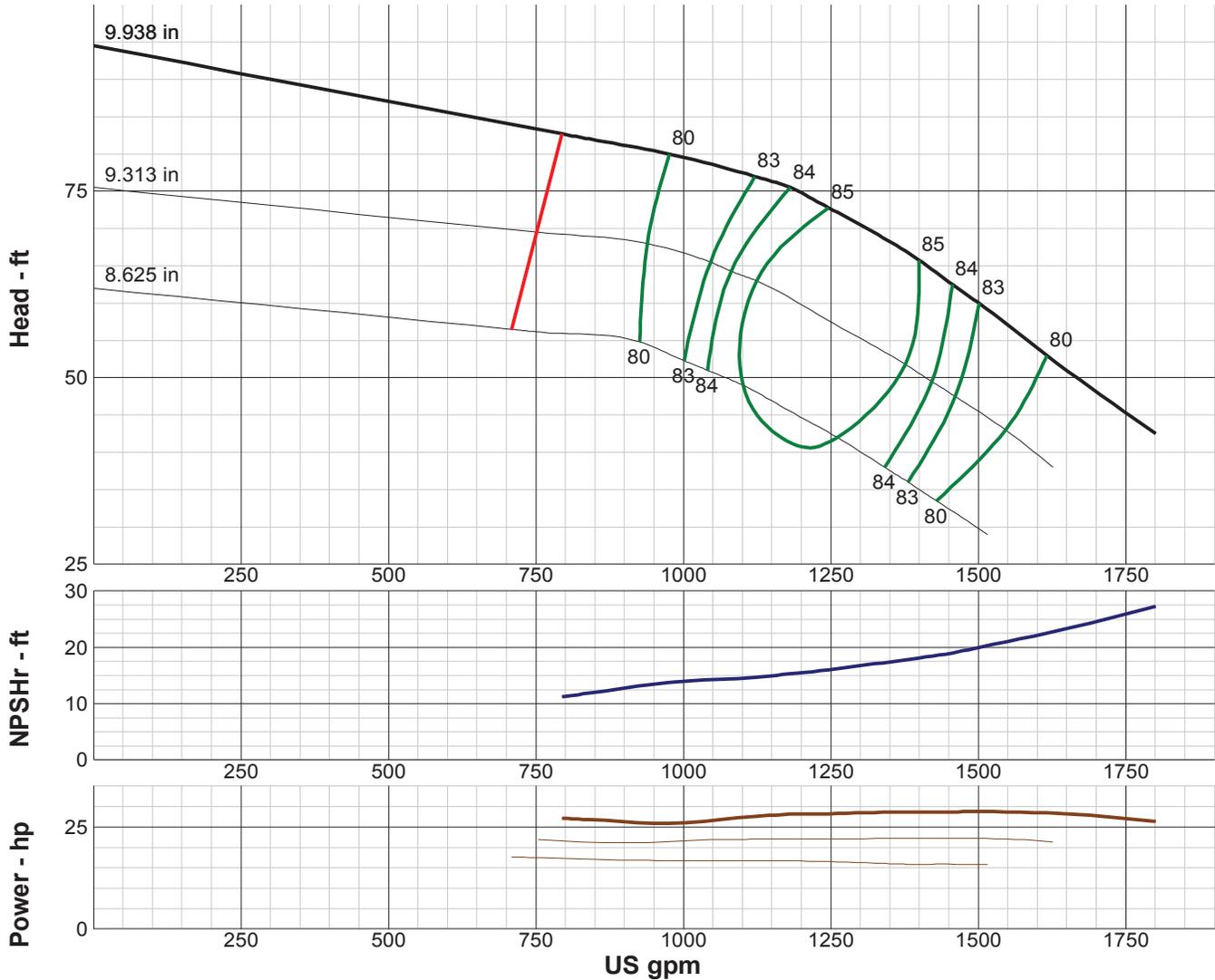


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

13FMC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	2999	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 24 IN.
THRUST FACTOR	K=7.90	
EYE AREA	23.4 SQ. IN.	
WEIGHT	14.70 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-1	-3

FLANGED BOWL DATA	
BOWL NUMBER	2998
BOWL MAX. DIAMETER	12.500 IN.
BOWL MIN. DIAMETER	12.125 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	240 LB.
ADD STAGE WEIGHT	115 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

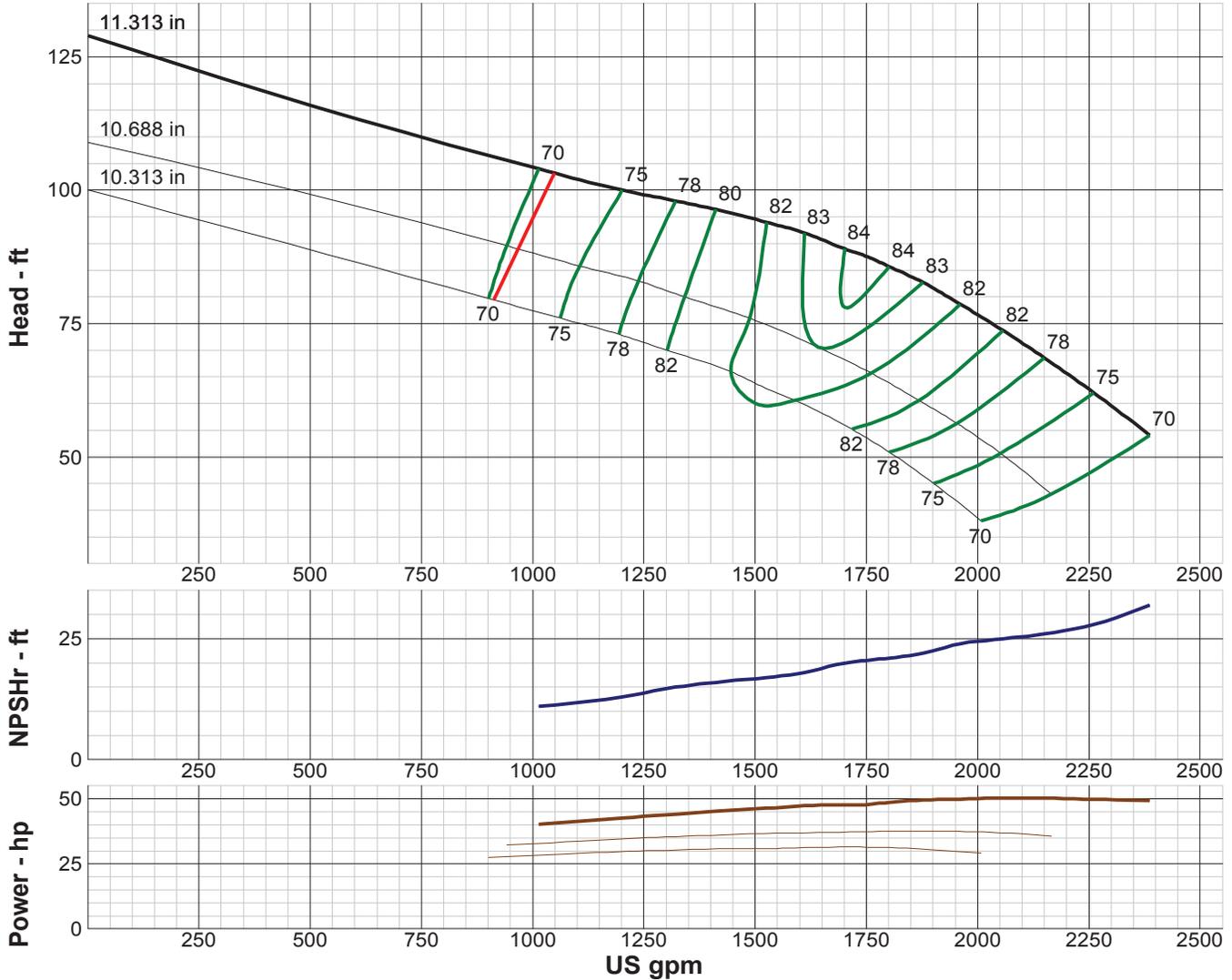


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3105	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=17.20	
EYE AREA	31.5 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3106
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

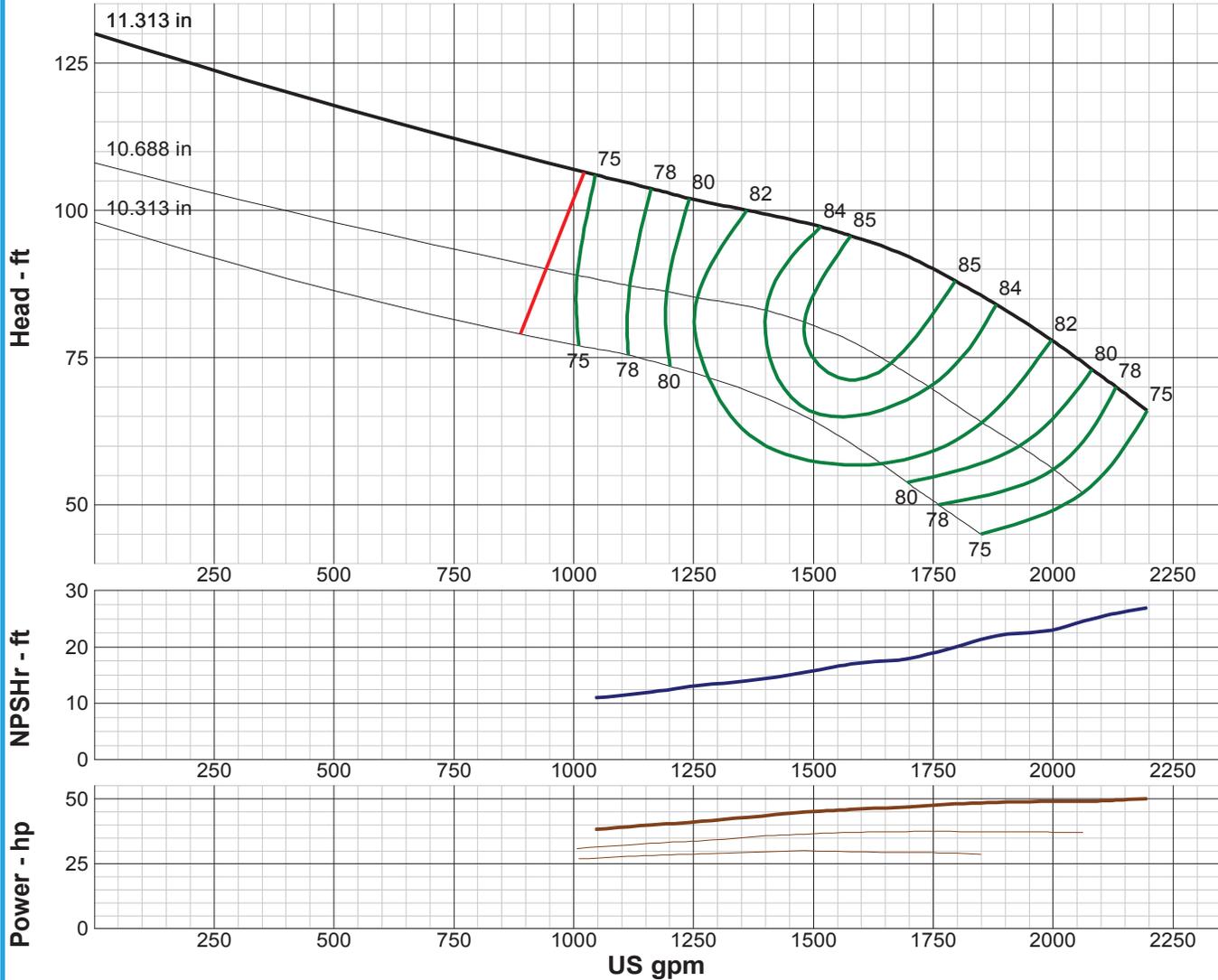


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLS 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3107	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=19.70	
EYE AREA	31.5 SQ. IN.	
WEIGHT	18.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3106
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

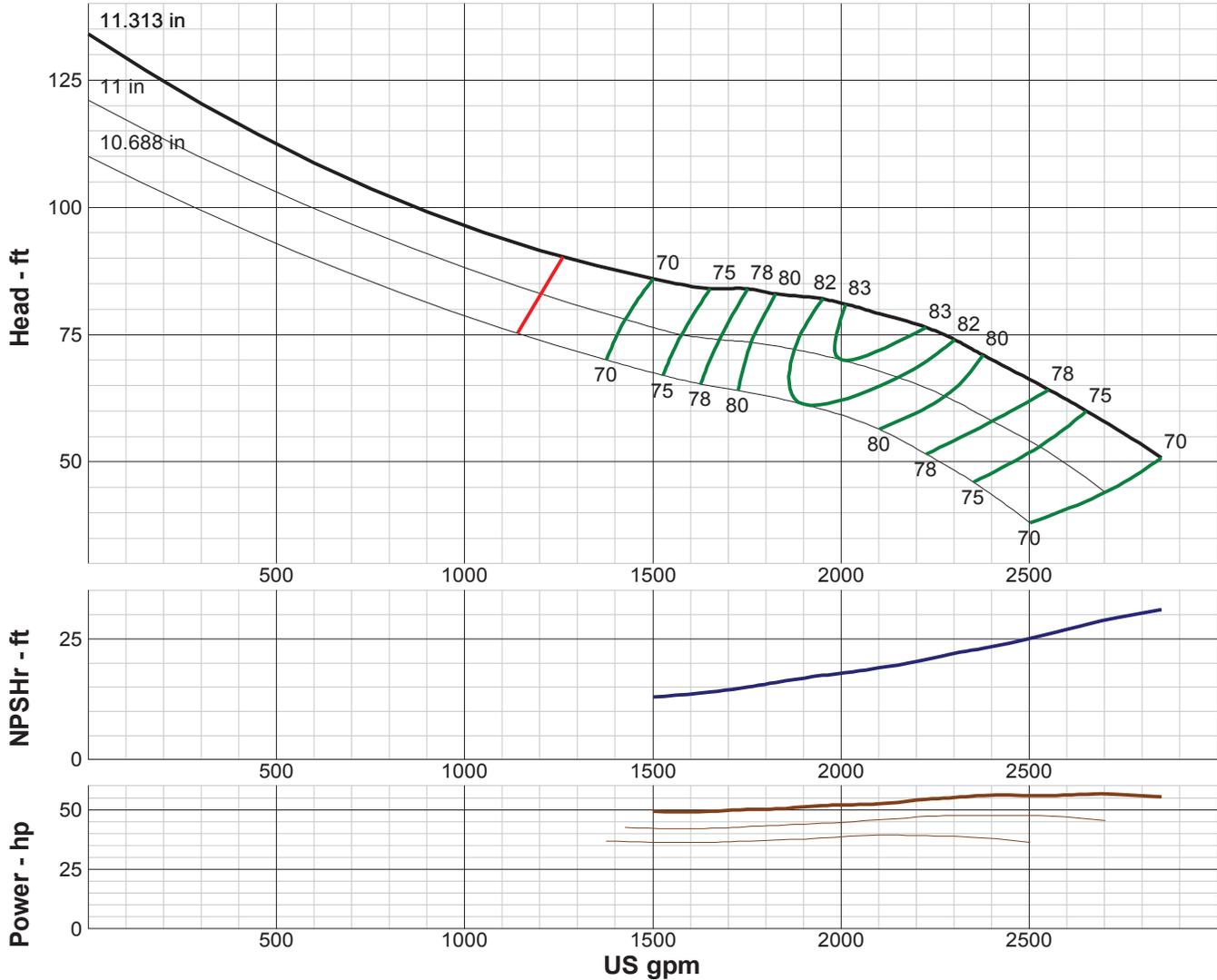


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3065	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

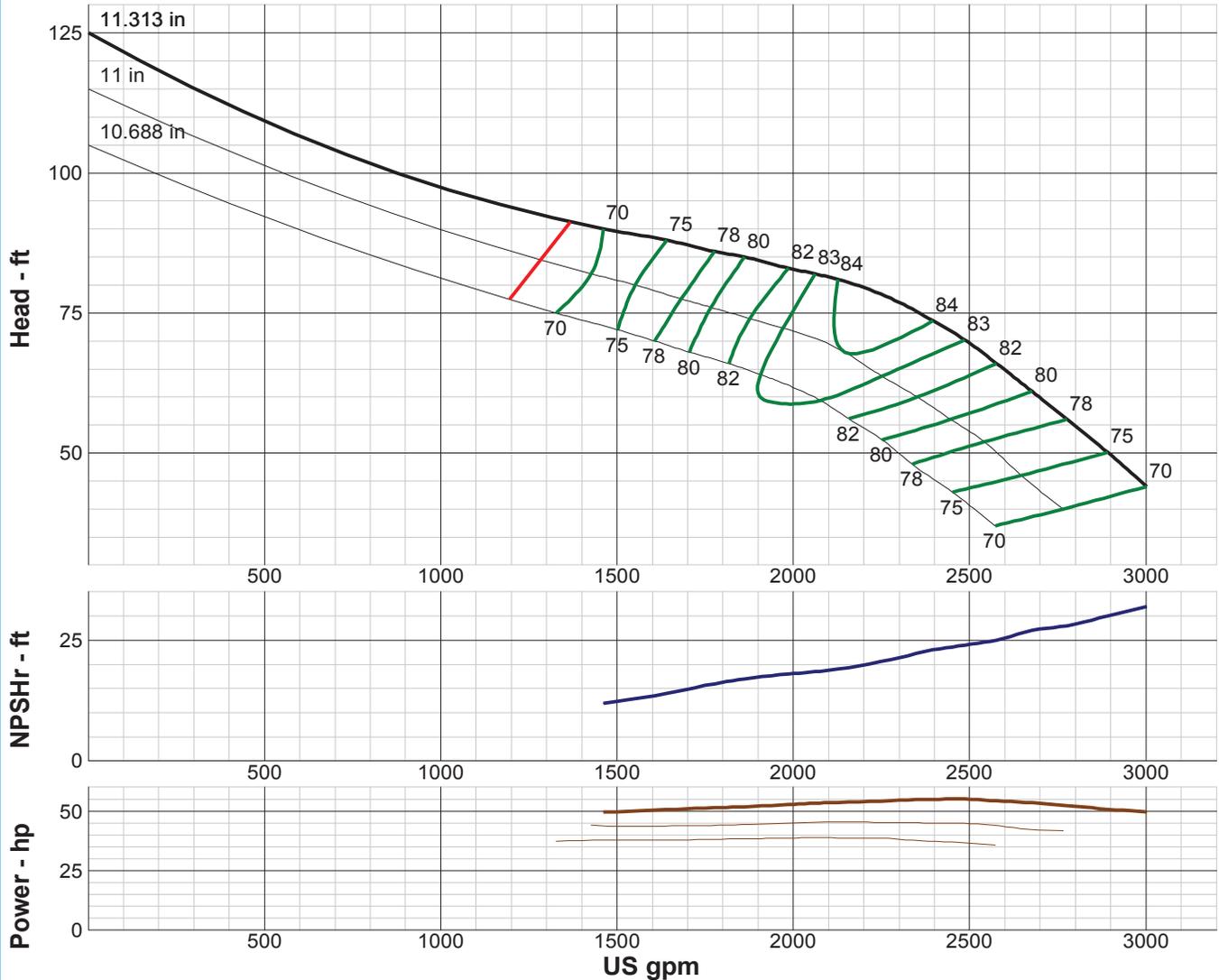


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMS 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3078	TRIM ANGLE: 30°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=23.40	
EYE AREA	40.9 SQ. IN.	
WEIGHT	20.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

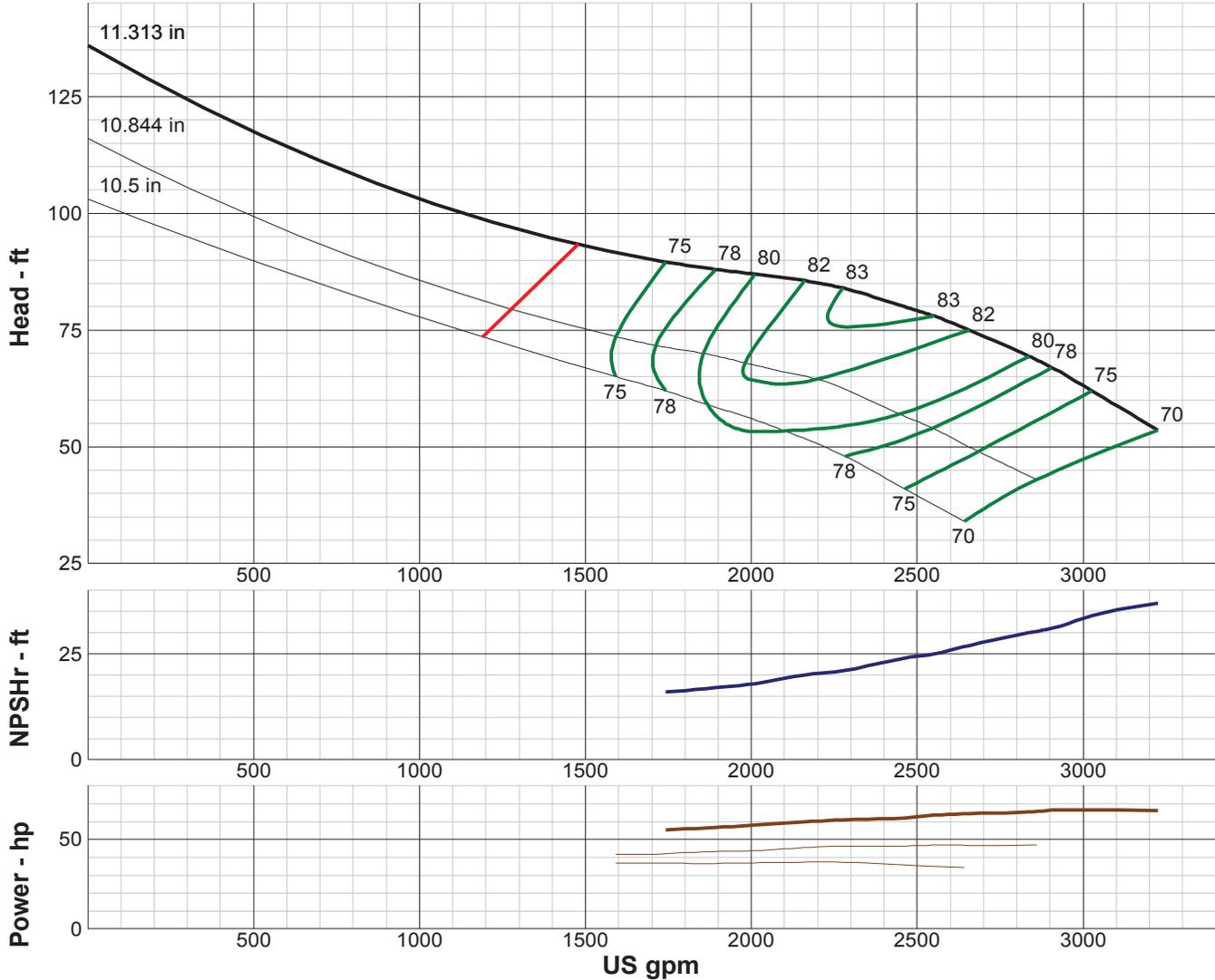


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	3029	TRIM ANGLE: 32.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	30.25 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

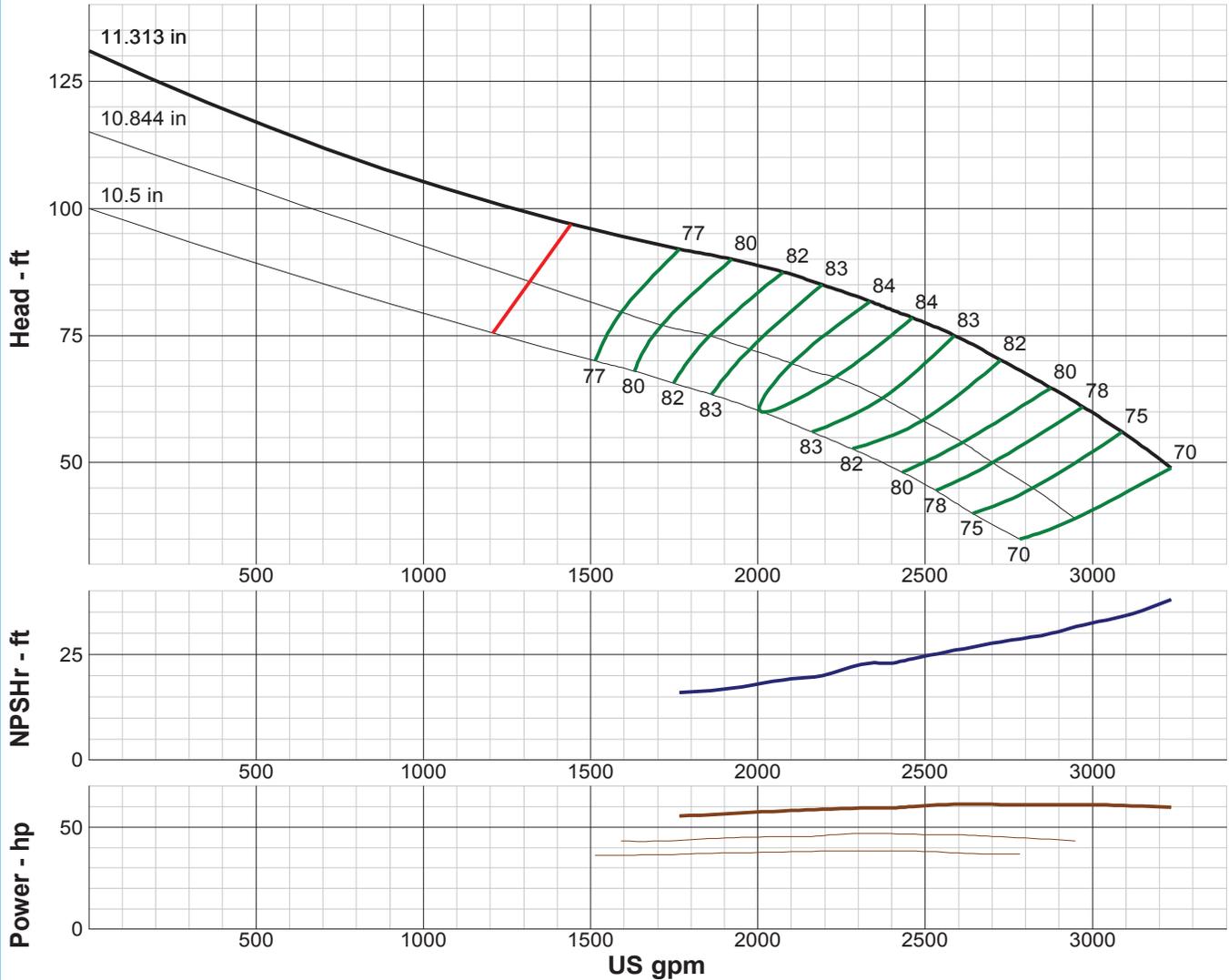


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHS 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	3029	TRIM ANGLE: 32.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=25.20	
EYE AREA	43.9 SQ. IN.	
WEIGHT	21.25 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

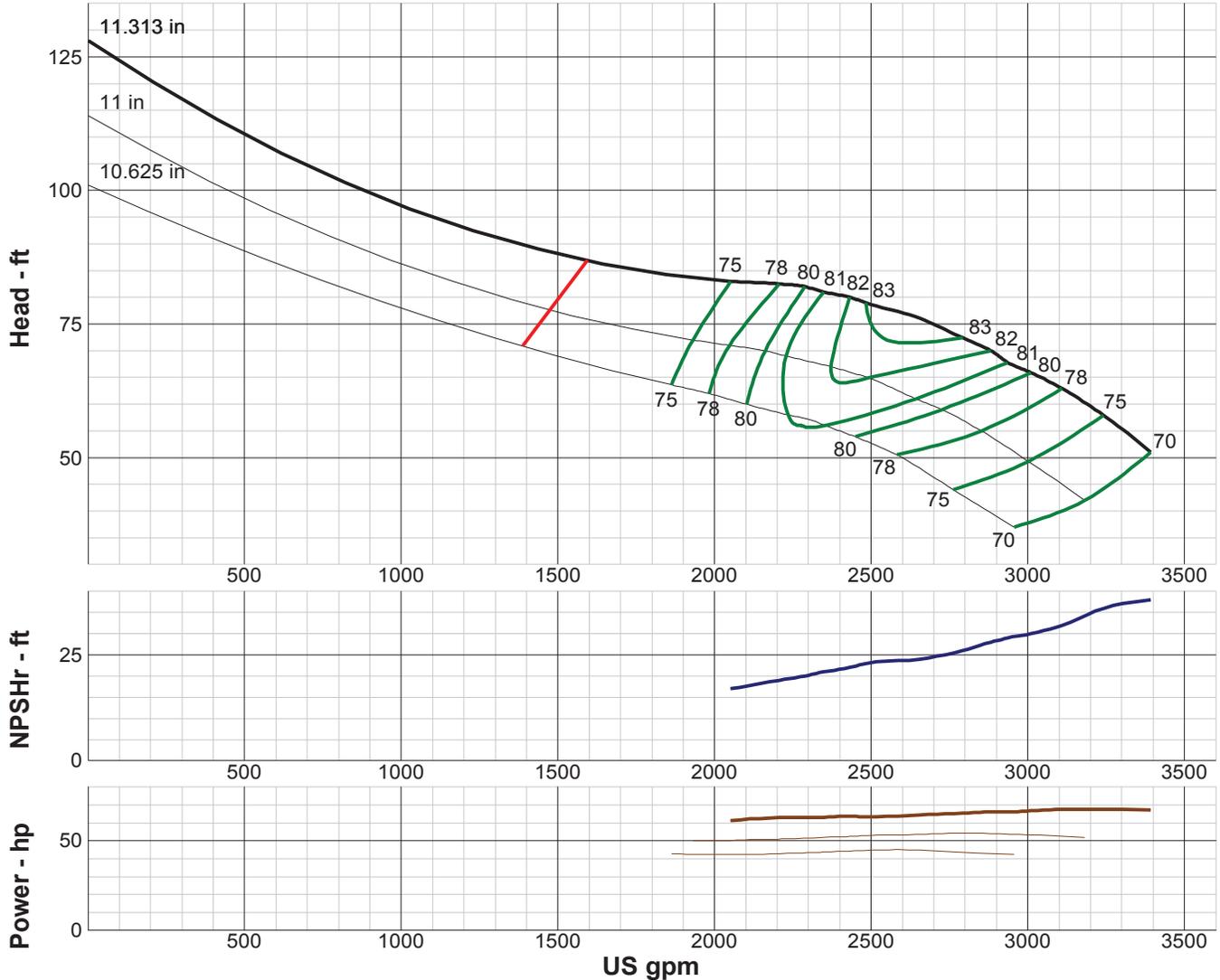


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FXC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	3086	TRIM ANGLE: 32.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	29.25 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

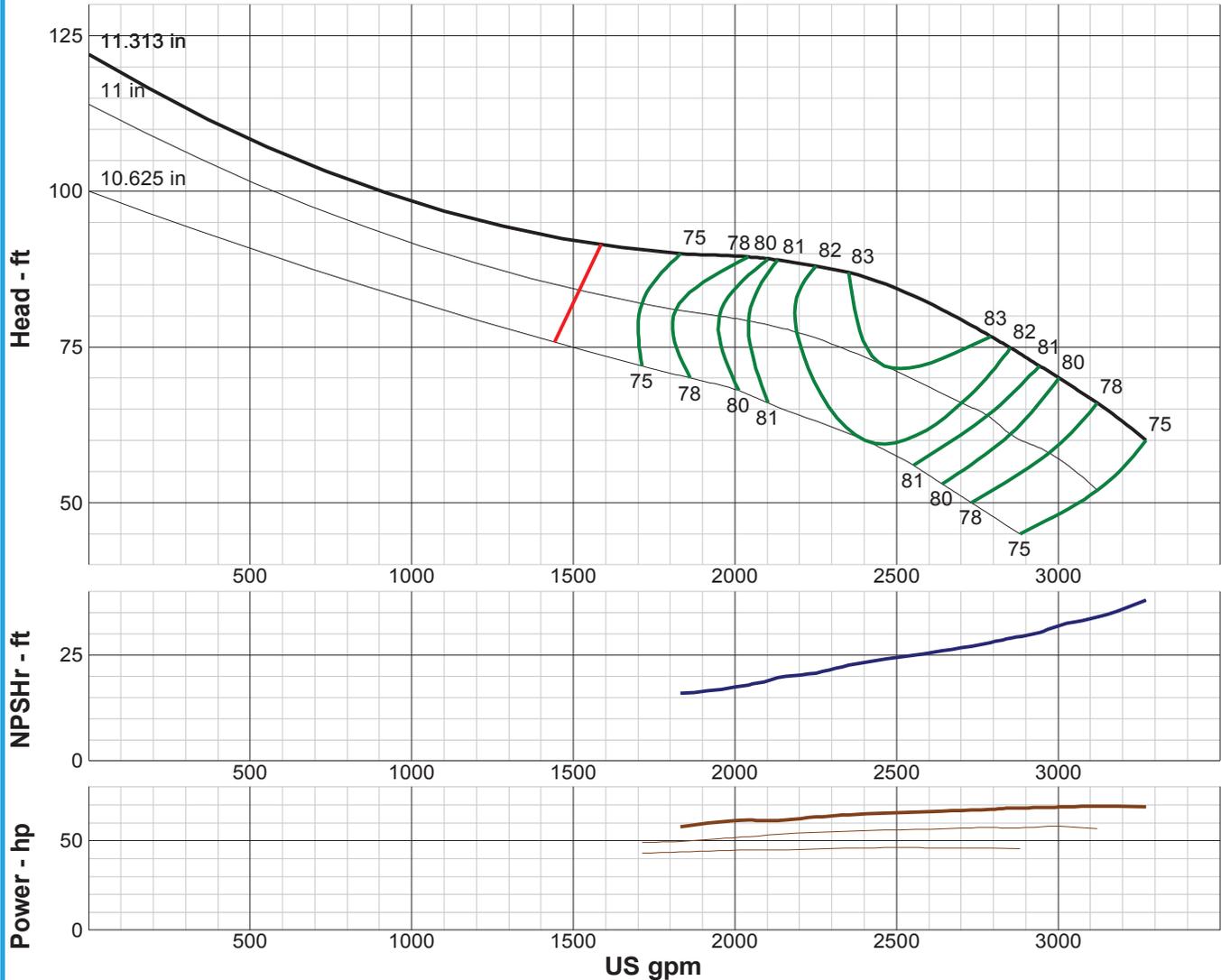


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FXS 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3092	TRIM ANGLE: 32.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=23.40	
EYE AREA	40.9 SQ. IN.	
WEIGHT	20.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

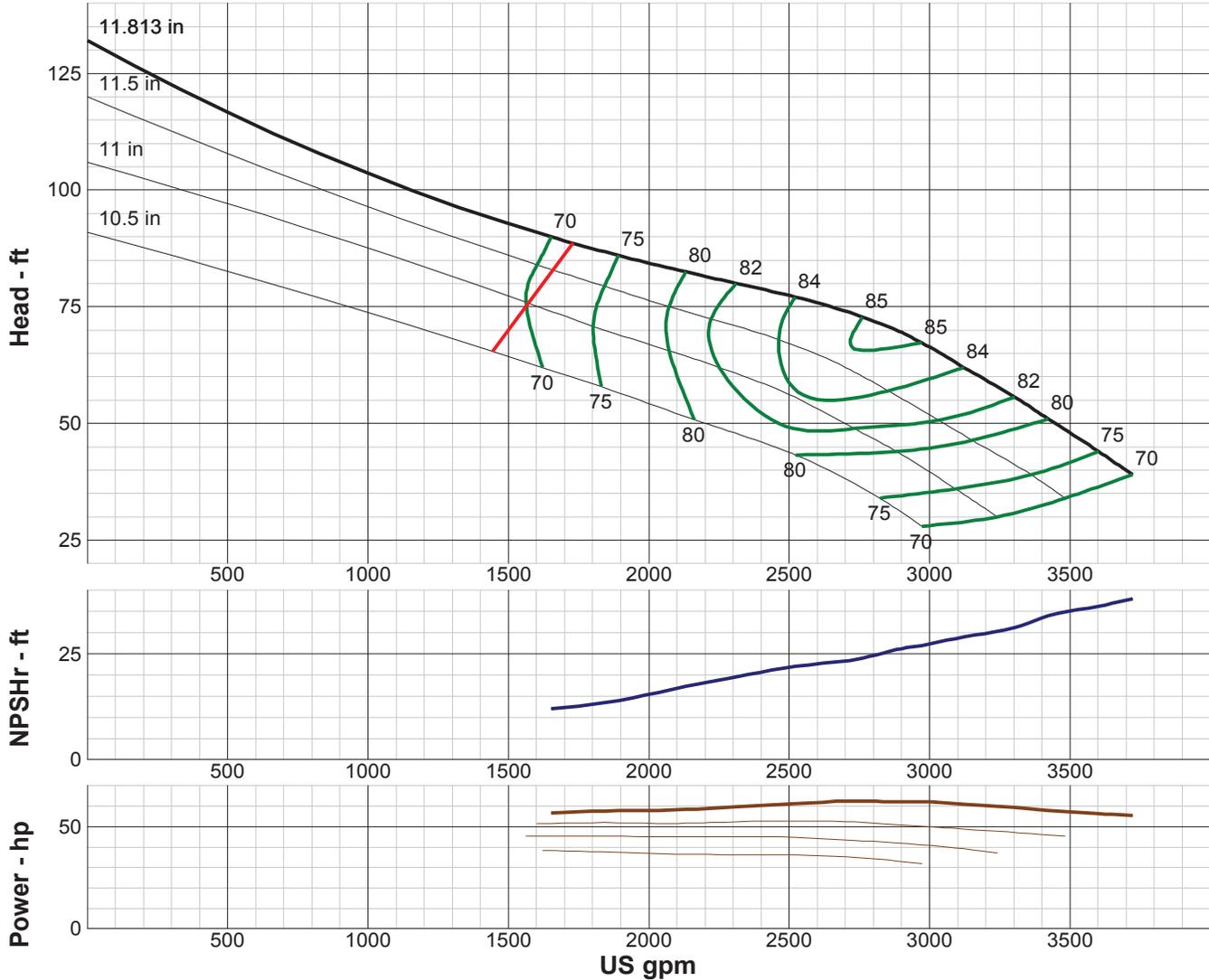


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FWC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	4151	TRIM ANGLE: 35°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 34 IN.
THRUST FACTOR	K=24.80	
EYE AREA	47.4 SQ. IN.	
WEIGHT	31.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	4152
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD -FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

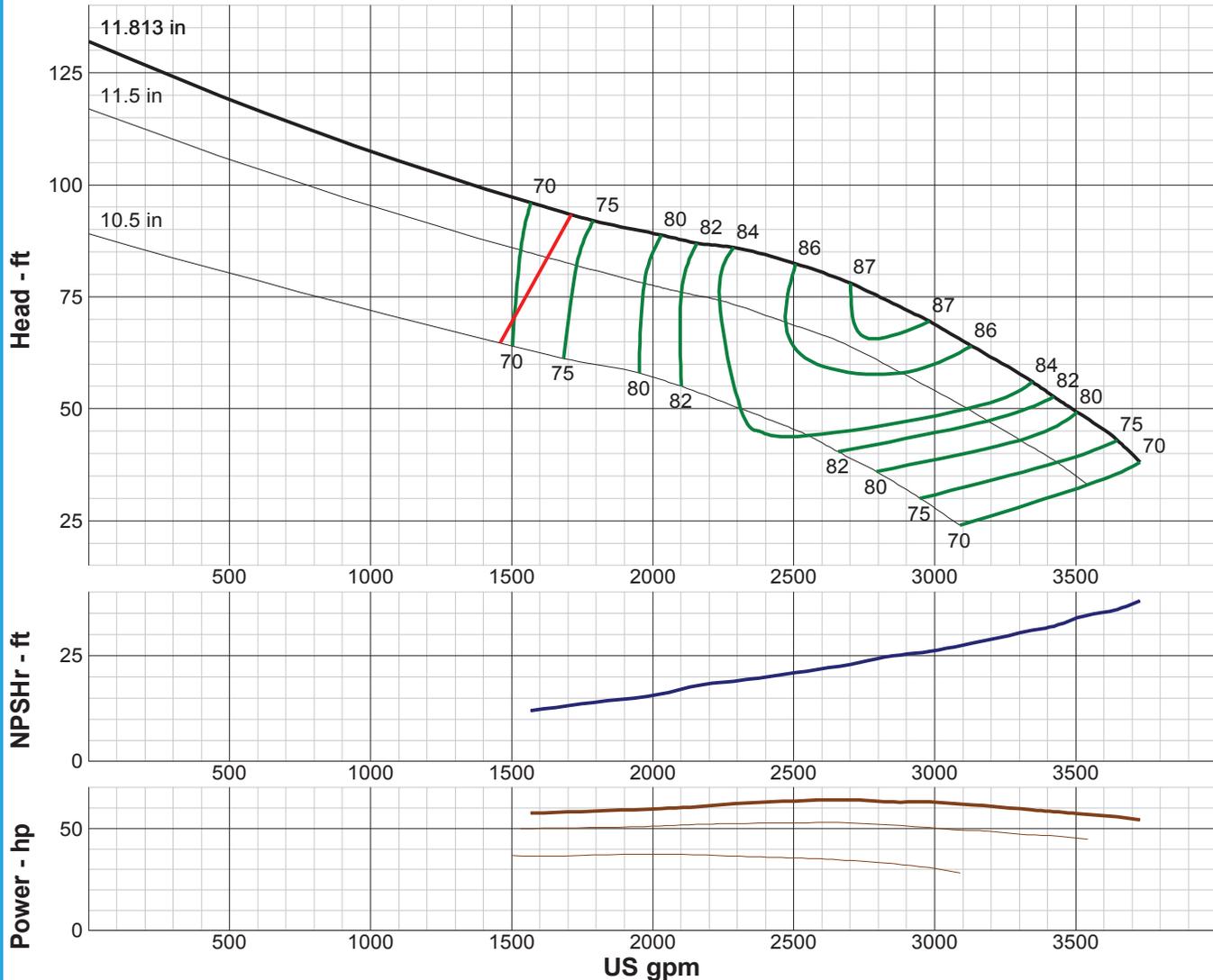


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FWS 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	4153	TRIM ANGLE: 35°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 34 IN.
THRUST FACTOR	K=26.20	
EYE AREA	47.3 SQ. IN.	
WEIGHT	23.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	4152
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

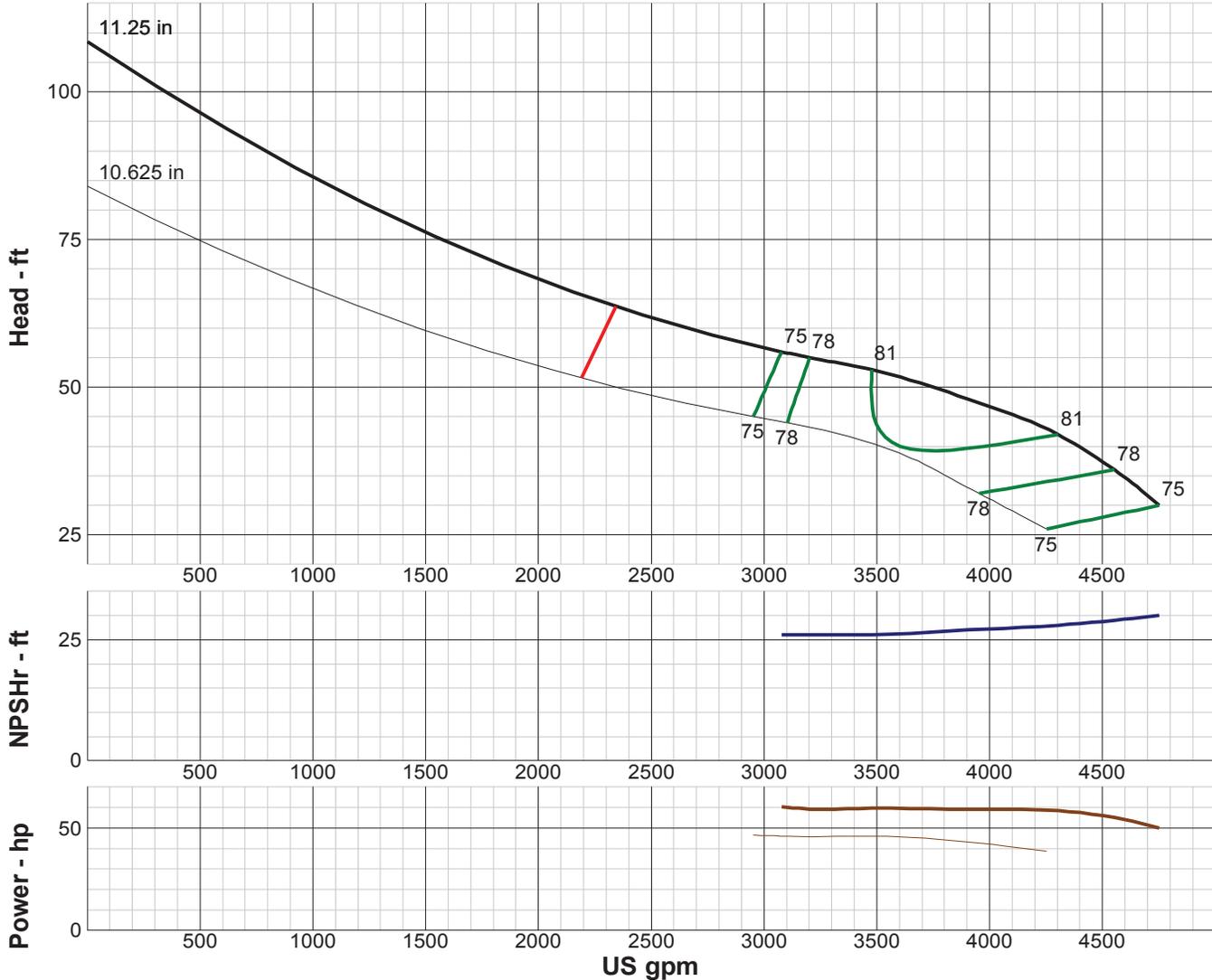


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FYC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3878	TRIM ANGLE: 35°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 34 IN.
THRUST FACTOR	K=24.00	
EYE AREA	57.0 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.635 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

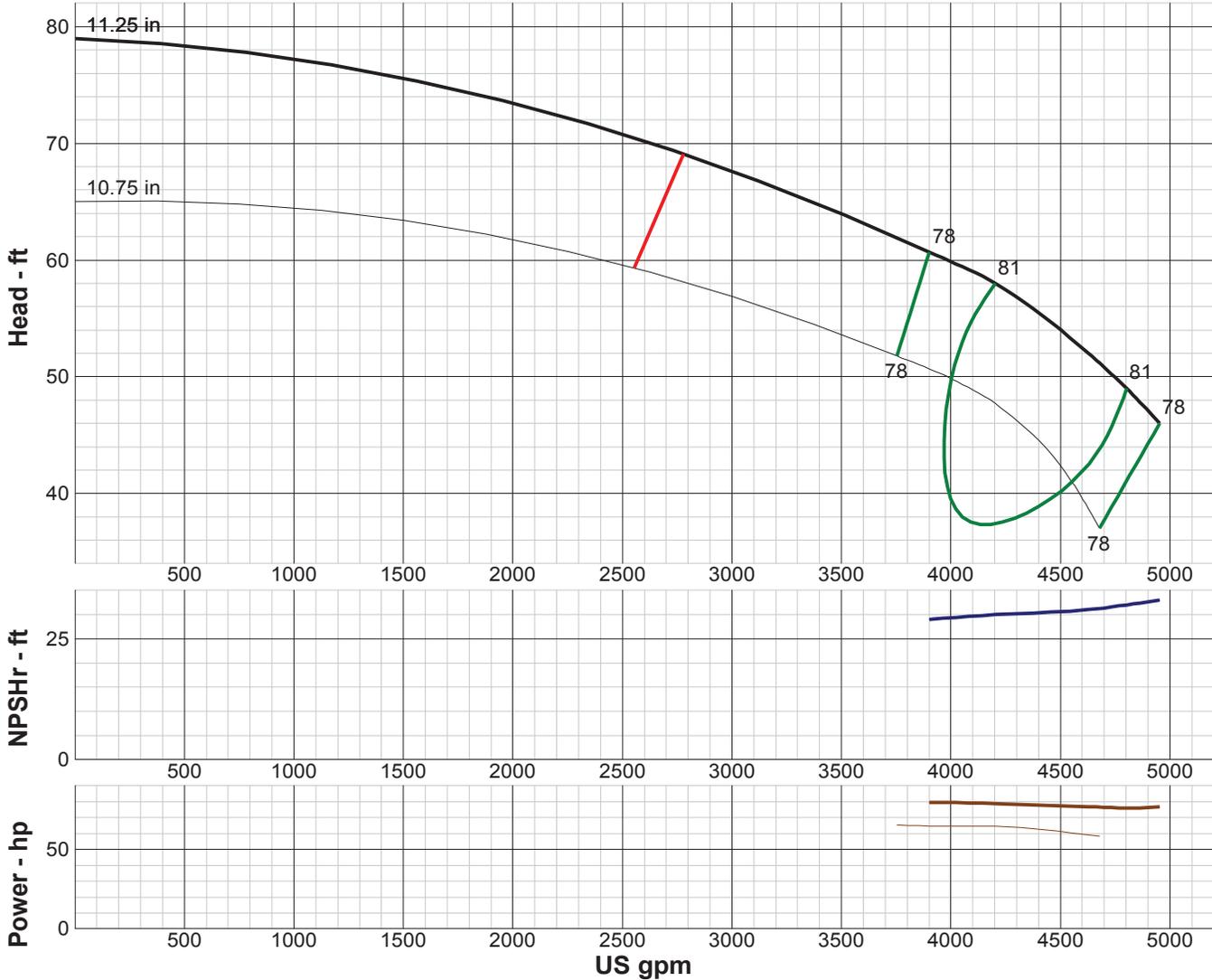


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FZC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3896	TRIM ANGLE: 35°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 34 IN.
THRUST FACTOR	K=24.70	
EYE AREA	58.5 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

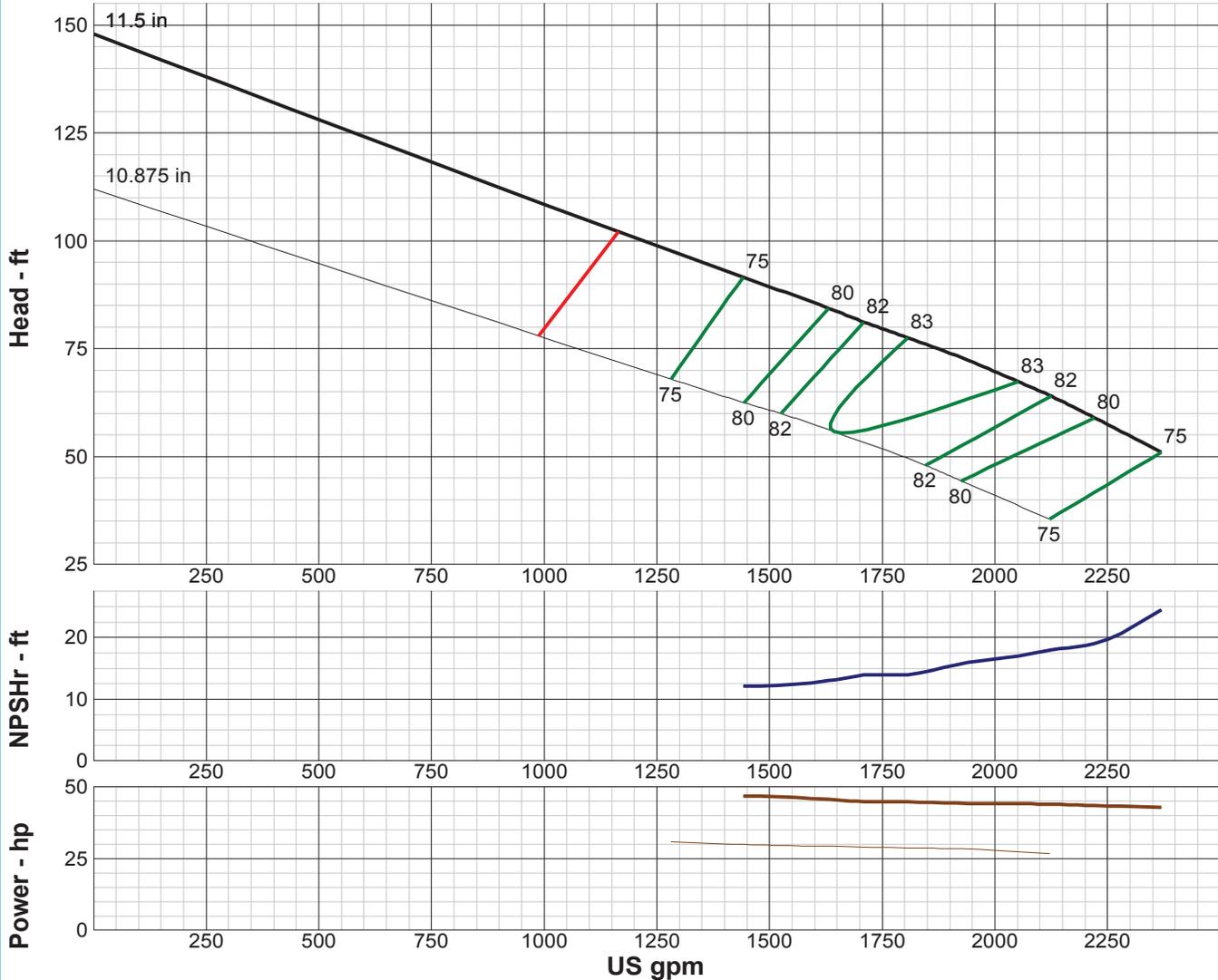


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLCR 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	0098	TRIM ANGLE: 31°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

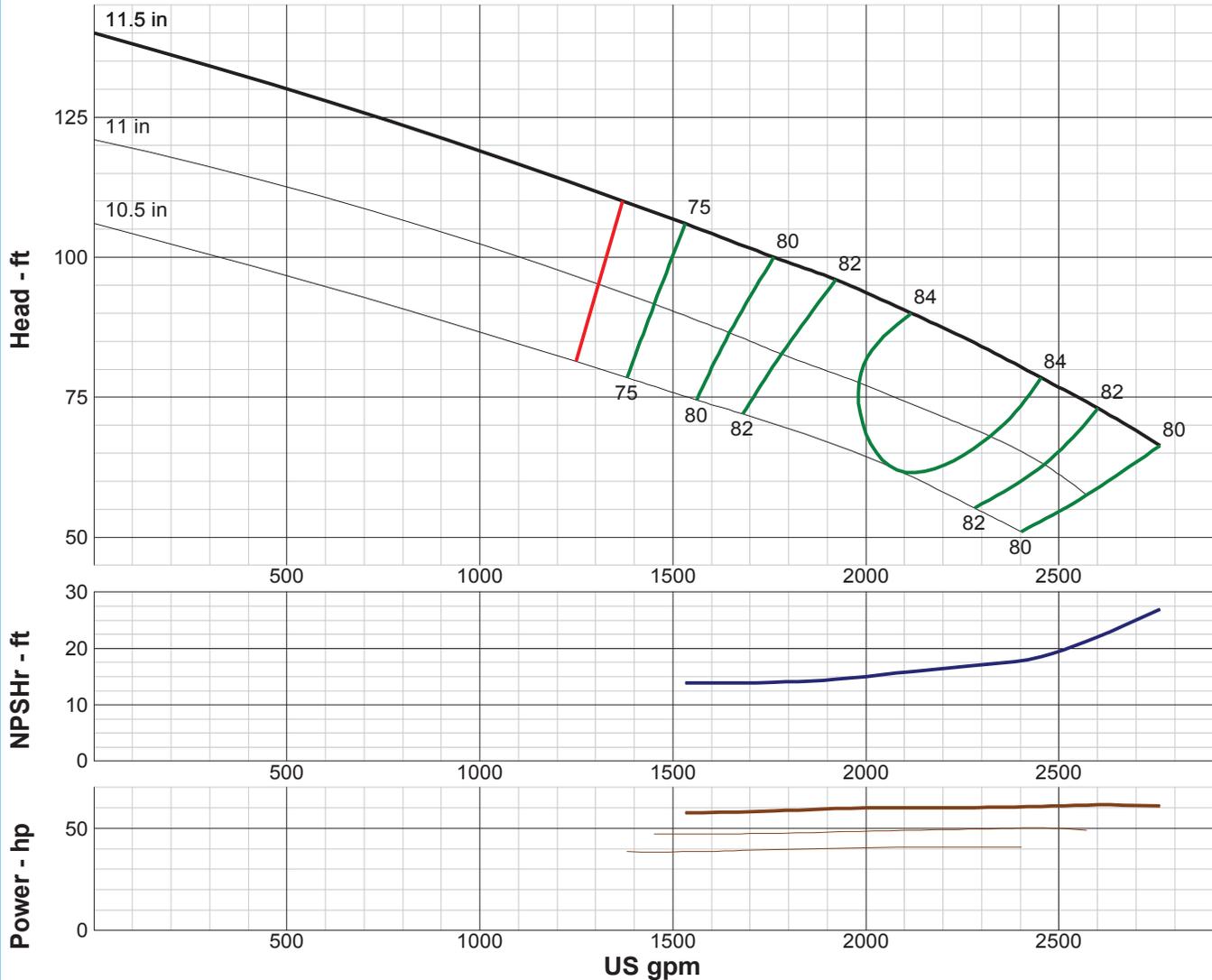


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMCR 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	0101	TRIM ANGLE: 31°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

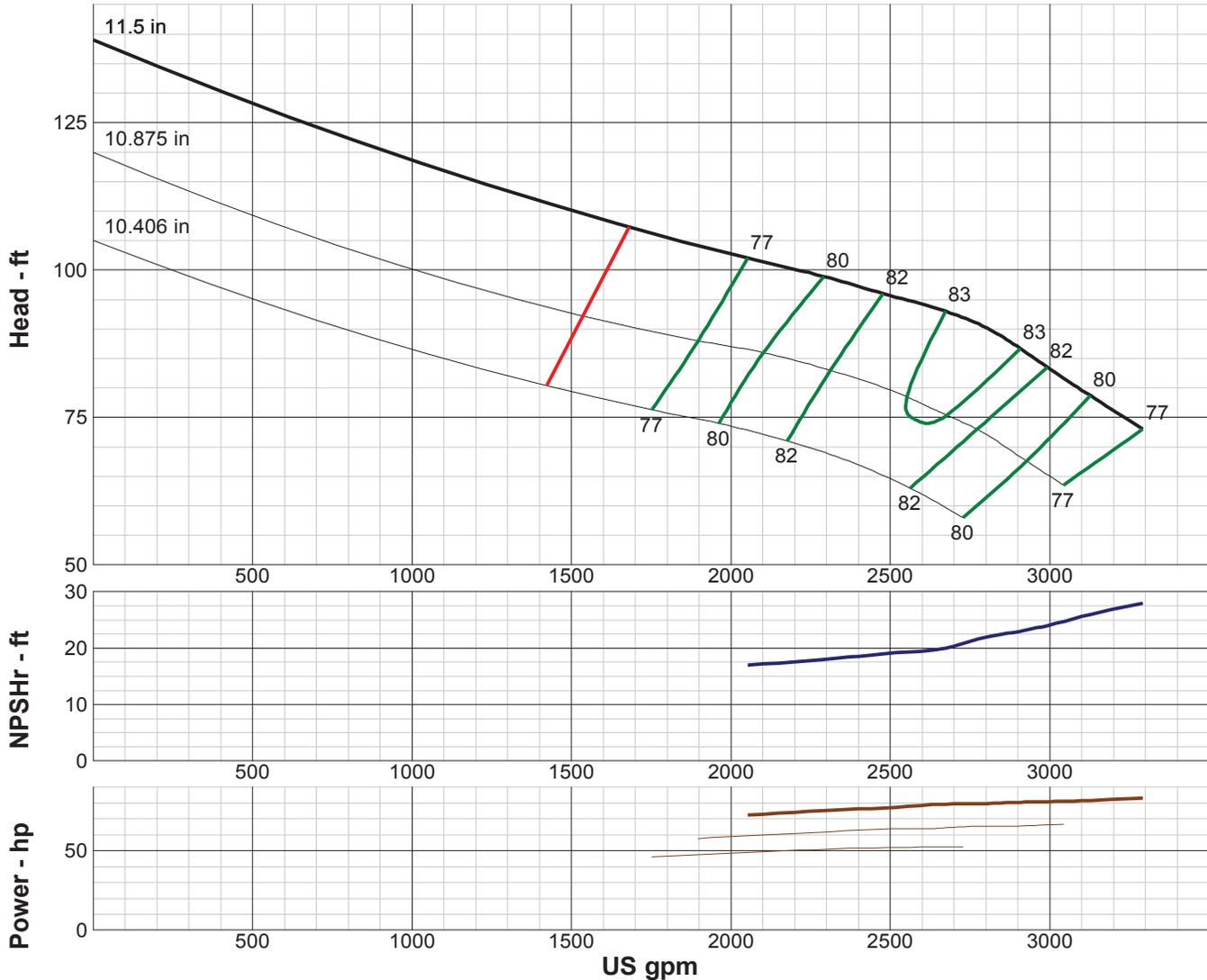


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHCR 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	0103	TRIM ANGLE: 31°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	18
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

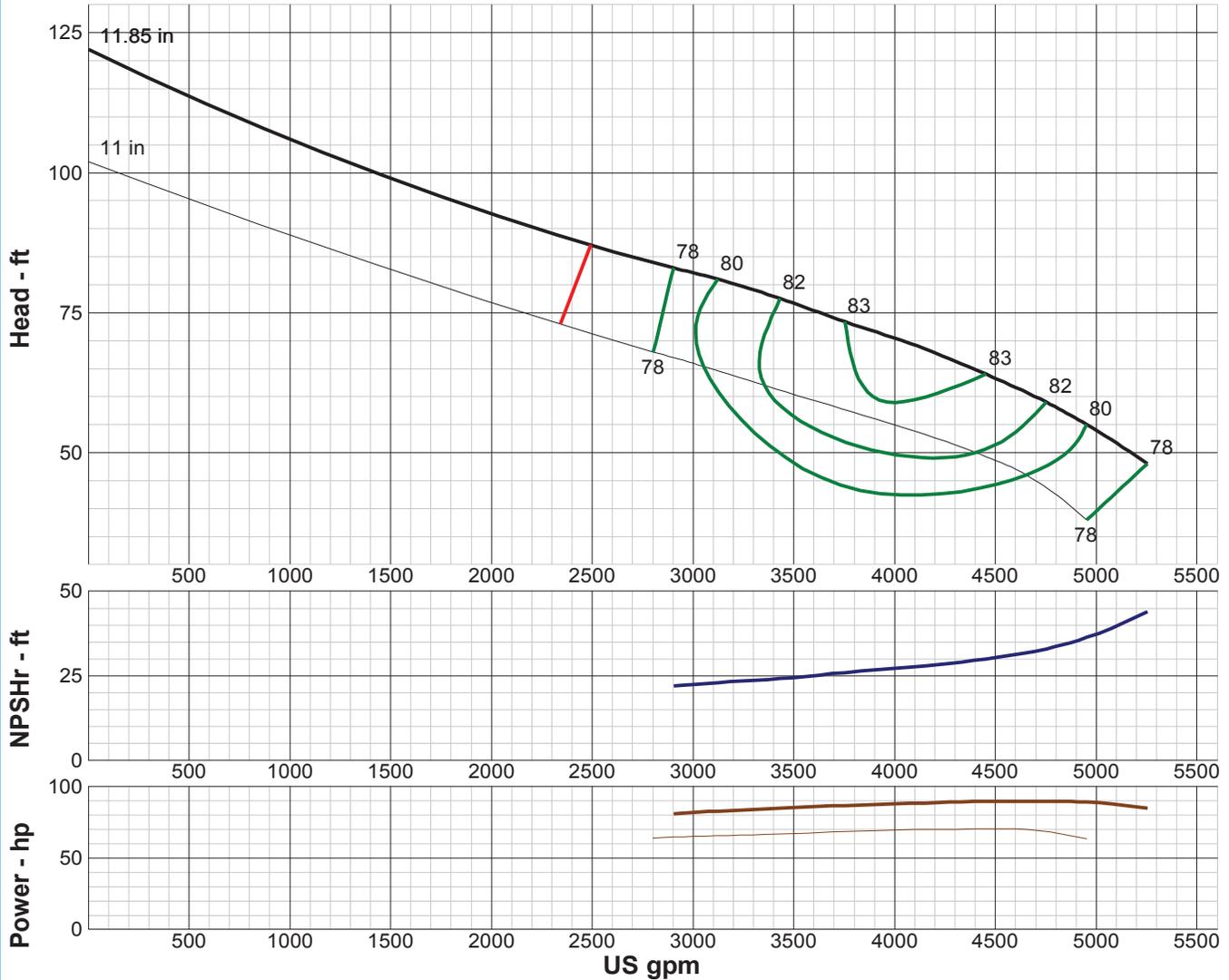


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

15FKC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	0004	TRIM ANGLE: 34°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=28.00	
EYE AREA	63.6 SQ. IN.	
WEIGHT	30.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0001
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	510 LB.
ADD STAGE WEIGHT	195 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.688 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	2.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

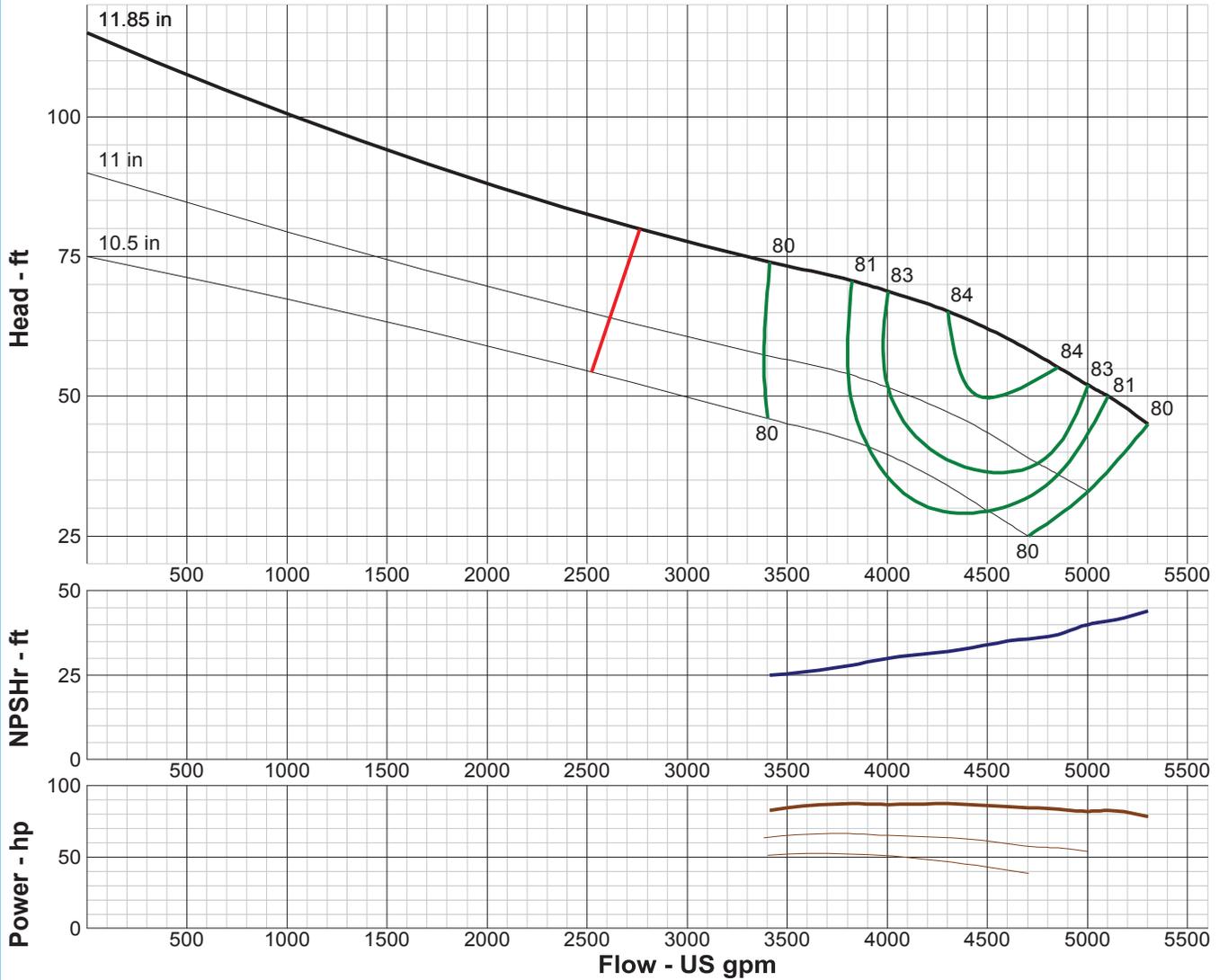


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

15FKS 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	0004	Minimum submergence above eye of bottom impeller: 36 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=30.00	
EYE AREA	63.6 SQ. IN.	
WEIGHT	21.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0001
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	375 LB.
ADD STAGE WEIGHT	170 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.688 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	2.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

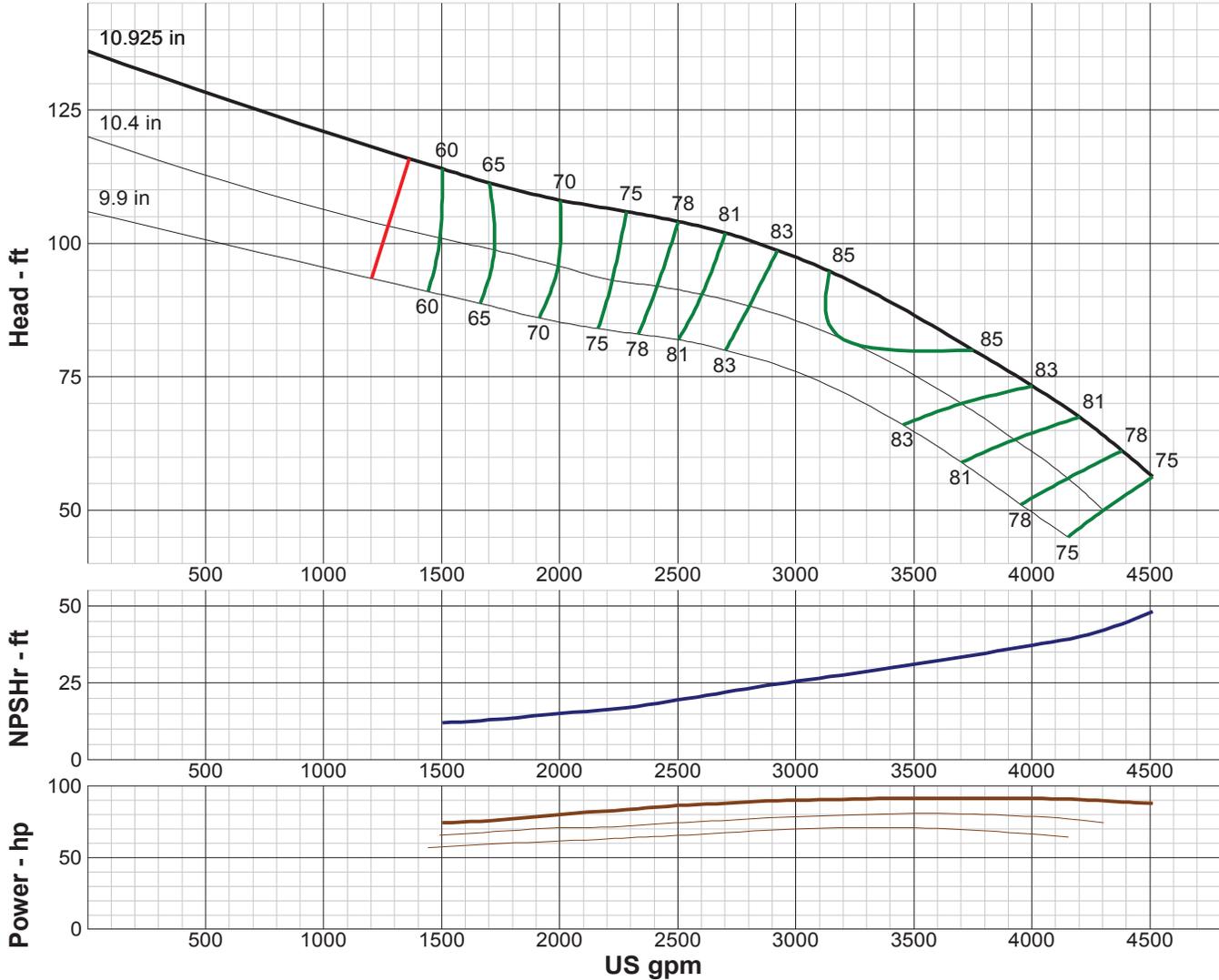


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FLC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER		TRIM ANGLE: 14°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=20.00	
EYE AREA	51.3 SQ. IN.	
WEIGHT	32.30 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL BUMPER	
BOWL MAX. DIAMETER	15.375 IN.
BOWL MIN. DIAMETER	15.375 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.563 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	16.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.375 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

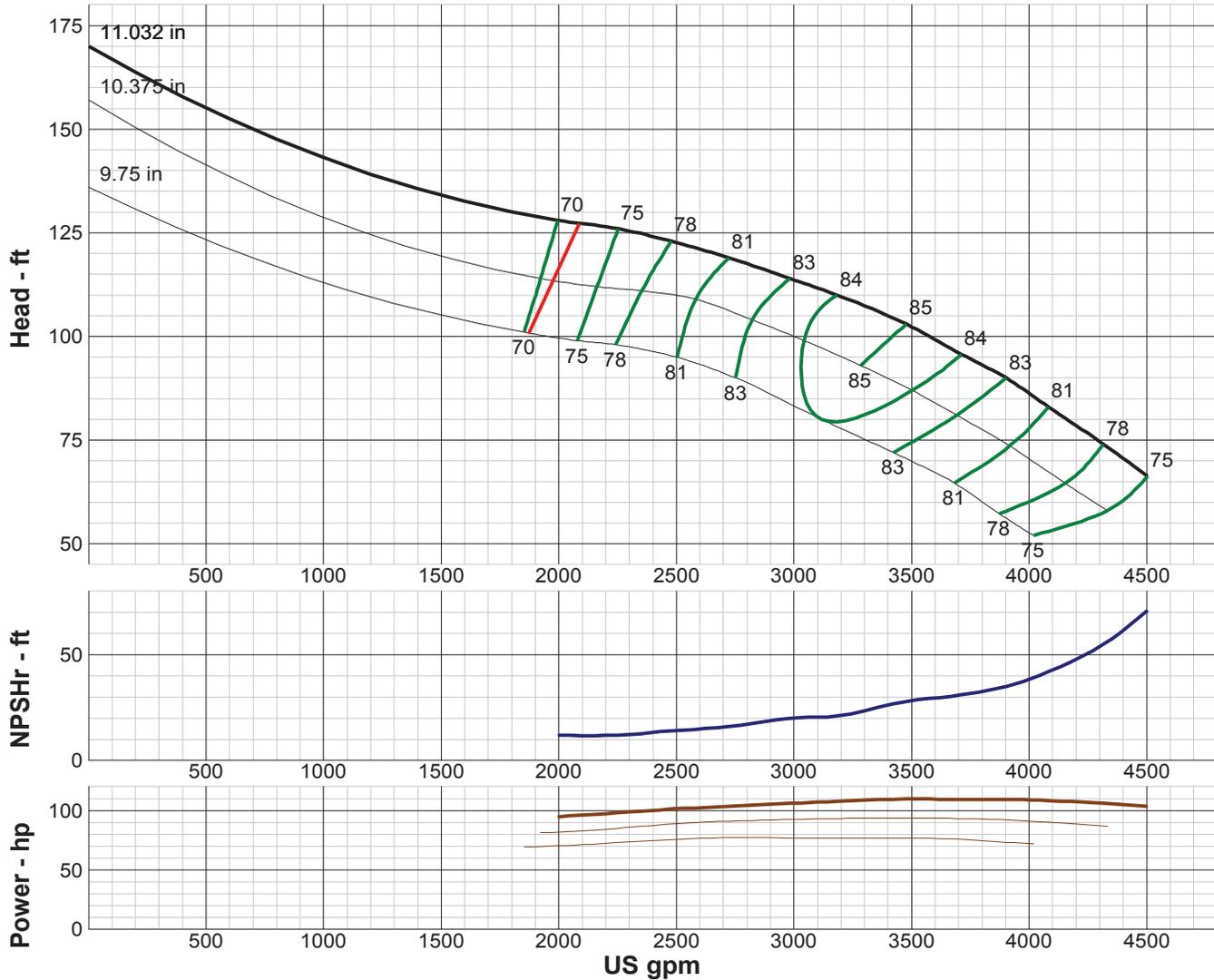


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER		TRIM ANGLE: 27°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=23.00	
EYE AREA	58.4 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL BUMPER	
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	17.375 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

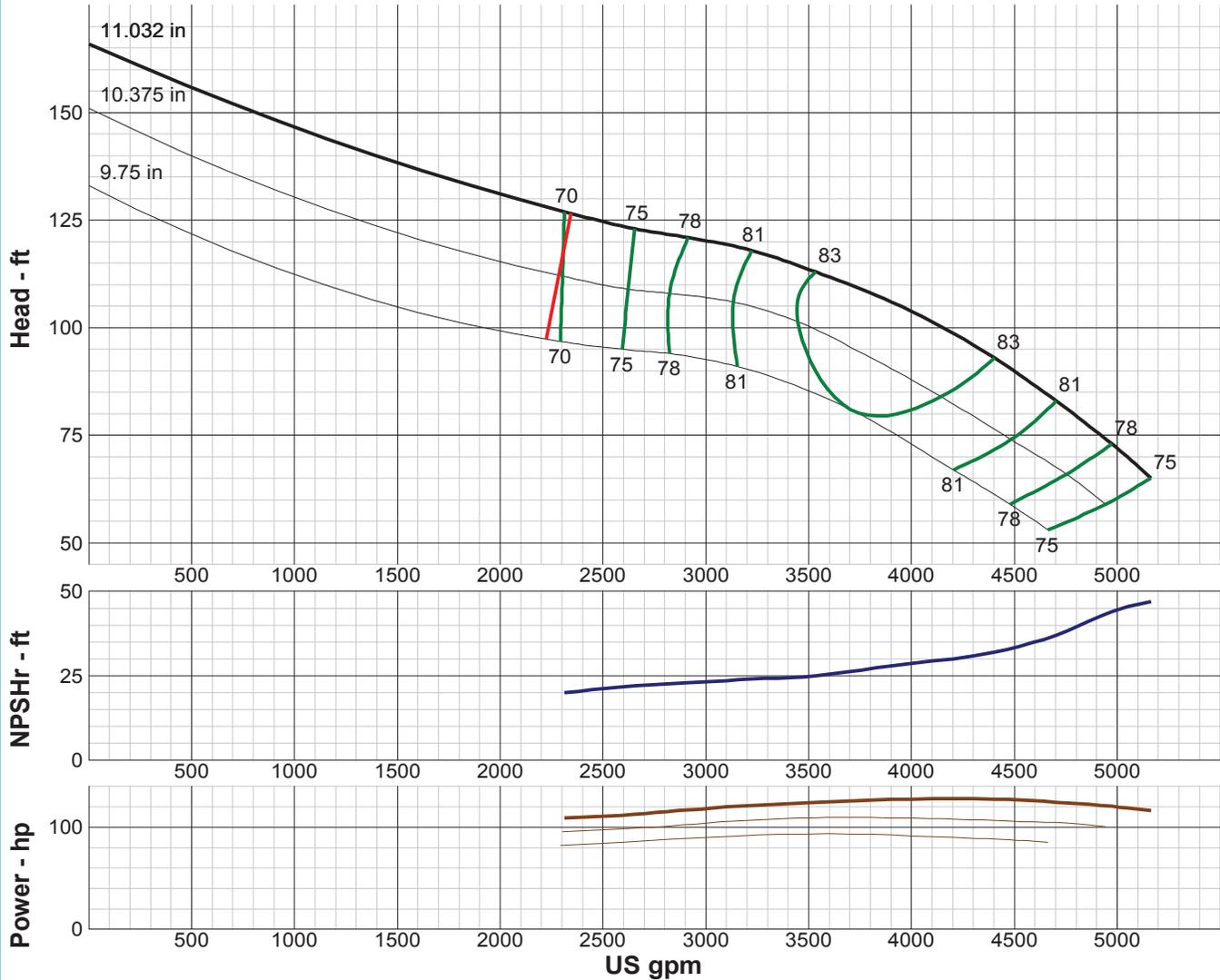


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FHC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER		TRIM ANGLE: 27°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=23.00	
EYE AREA	58.4 SQ. IN.	
WEIGHT	52.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-0.5	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL BUMPER	
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	17.375 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

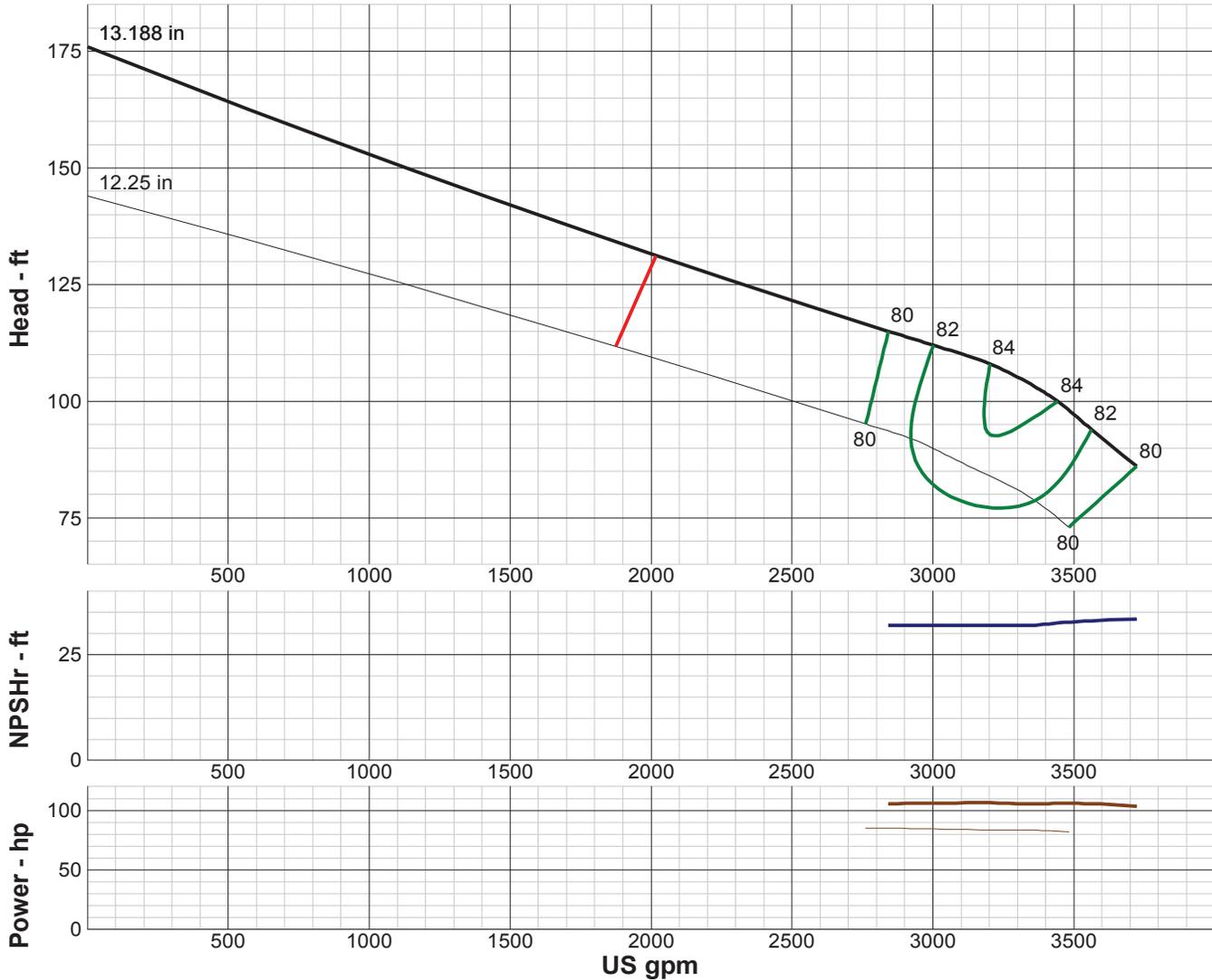


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FLC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3914	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 48 IN.
THRUST FACTOR	K=21.75	
EYE AREA	46.0 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL SIZE	18.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

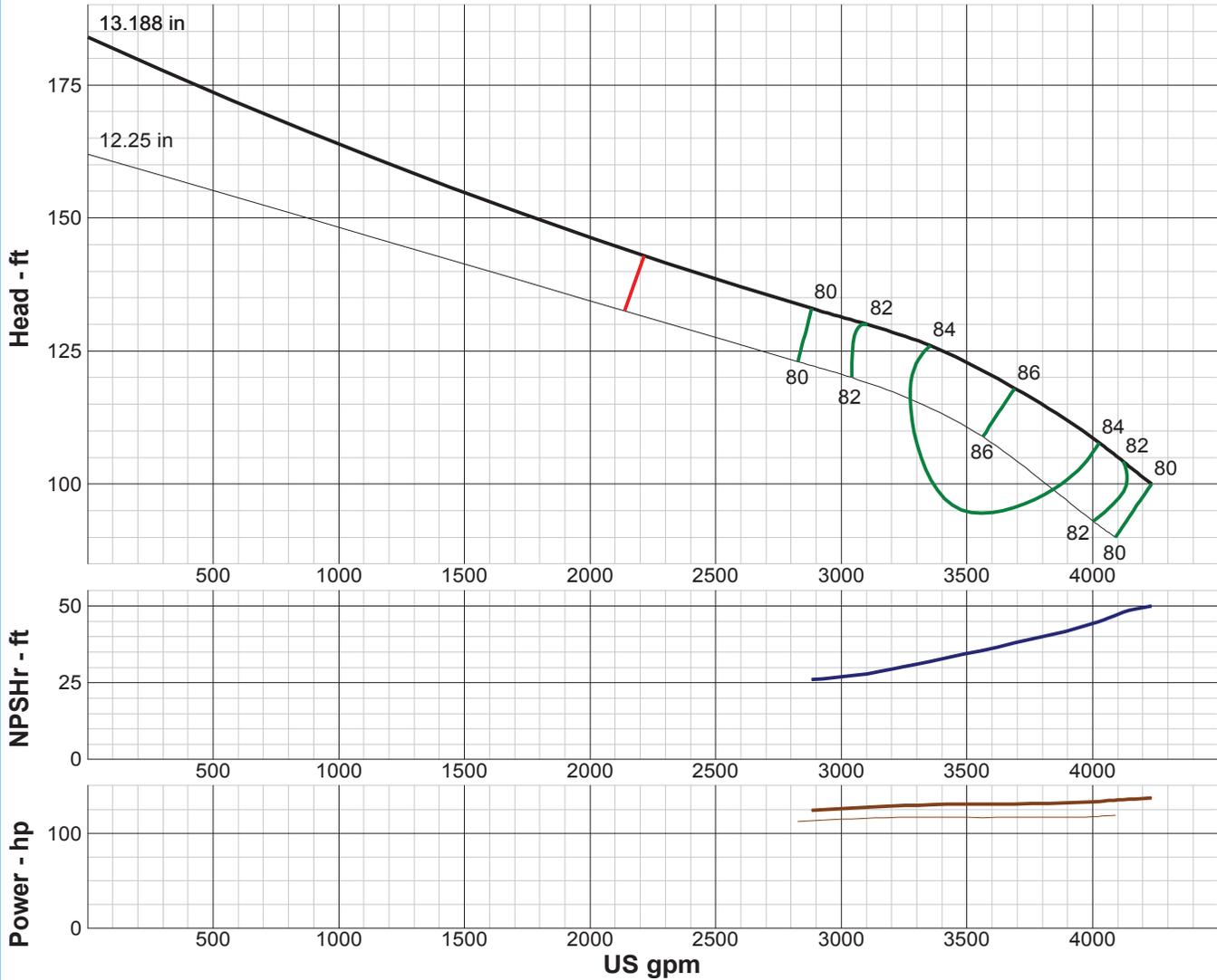


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	3923	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 48 IN.
THRUST FACTOR	K=21.75	
EYE AREA	50.3 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	18.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

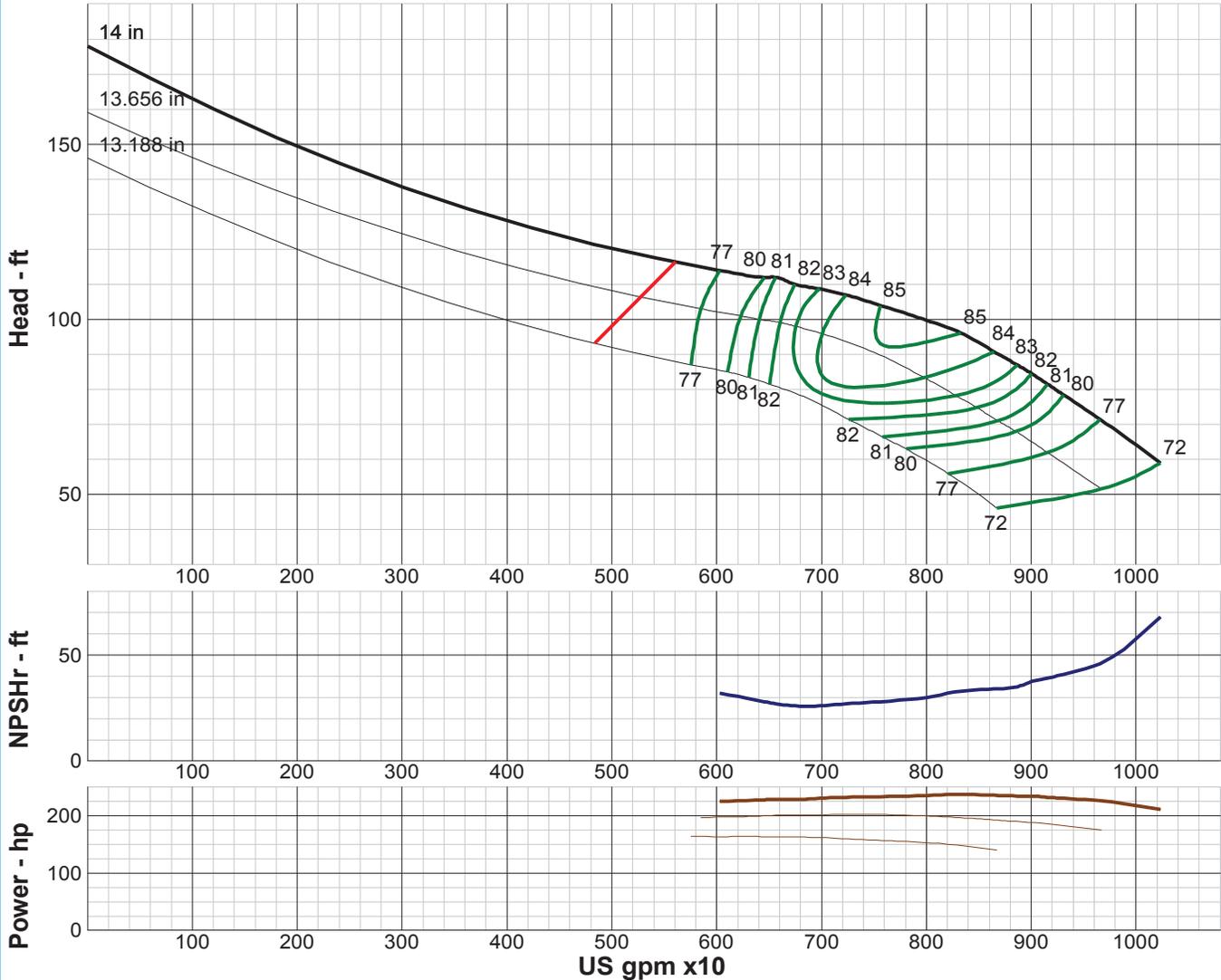


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FHHC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	0777	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 48 IN.
THRUST FACTOR	K=32.00	
EYE AREA	102 SQ. IN.	
WEIGHT	LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-0.5	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0224
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.250 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	LB.
ADD STAGE WEIGHT	LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	18.813 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

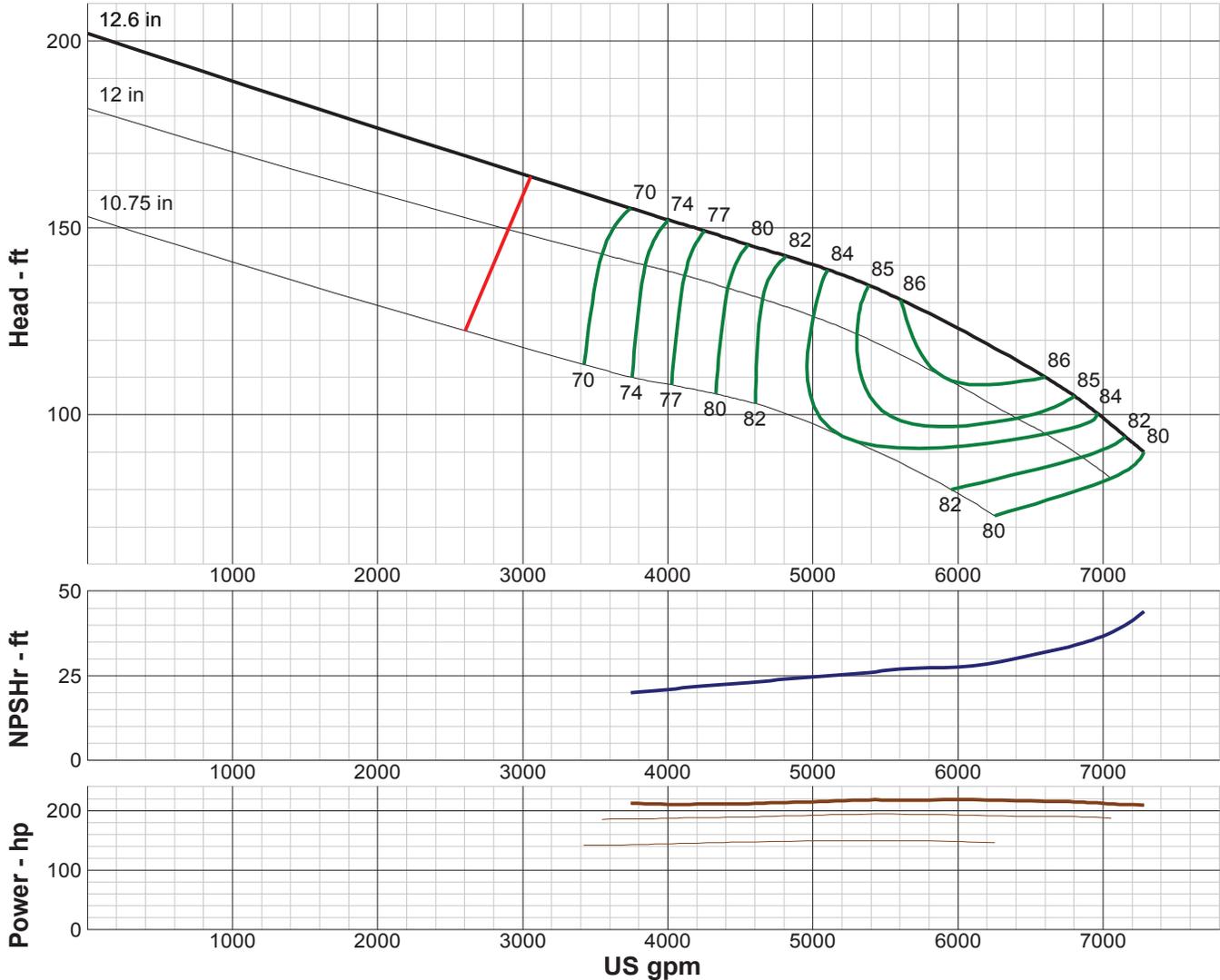


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FMC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER		TRIM ANGLE: 26°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 42 IN.
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA

BOWL BUMPER	
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

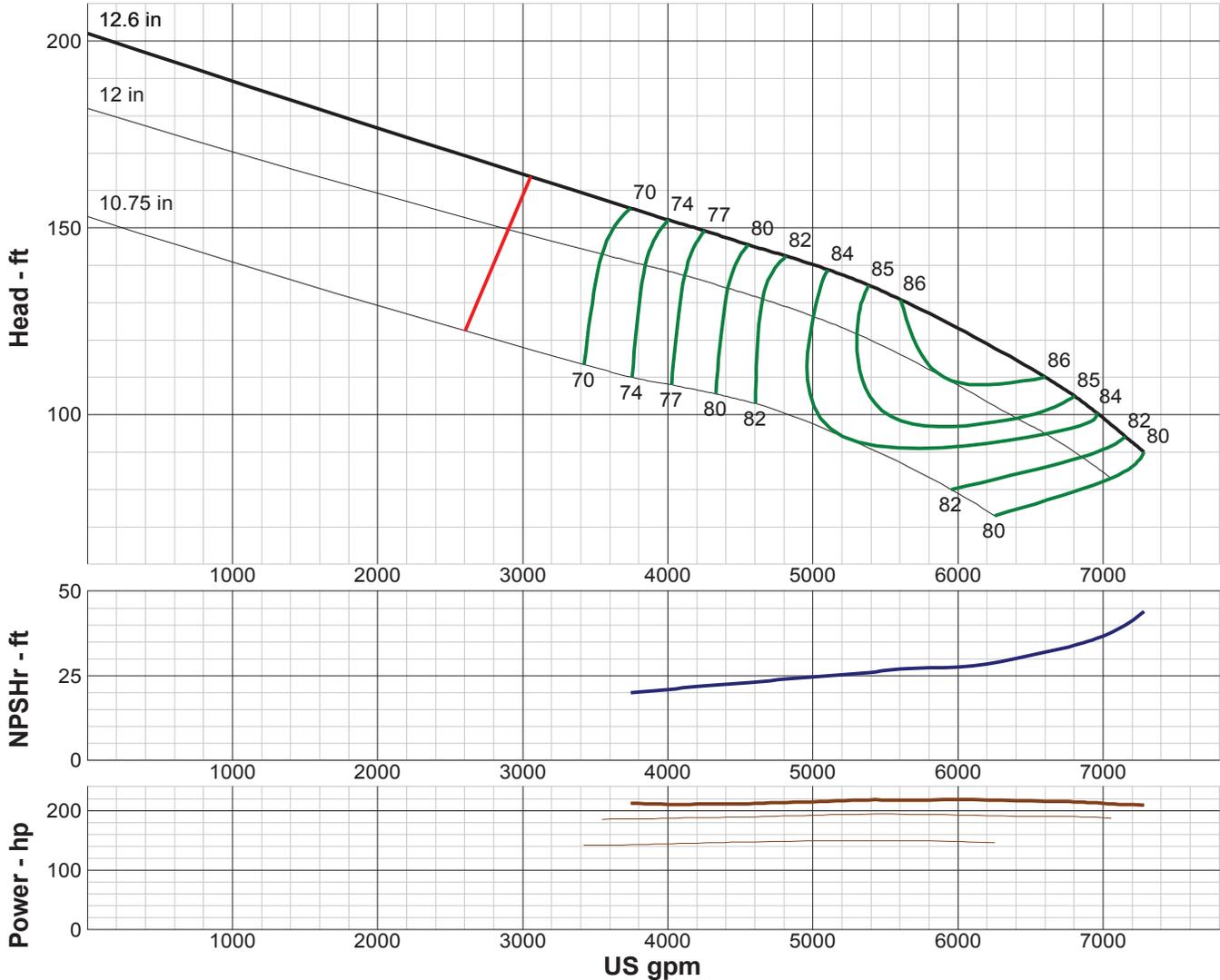


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FMS 1750 RPM



IMPELLER DATA

IMPELLER NUMBER		TRIM ANGLE: 26°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 42 IN.
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA

BOWL BUMPER	
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

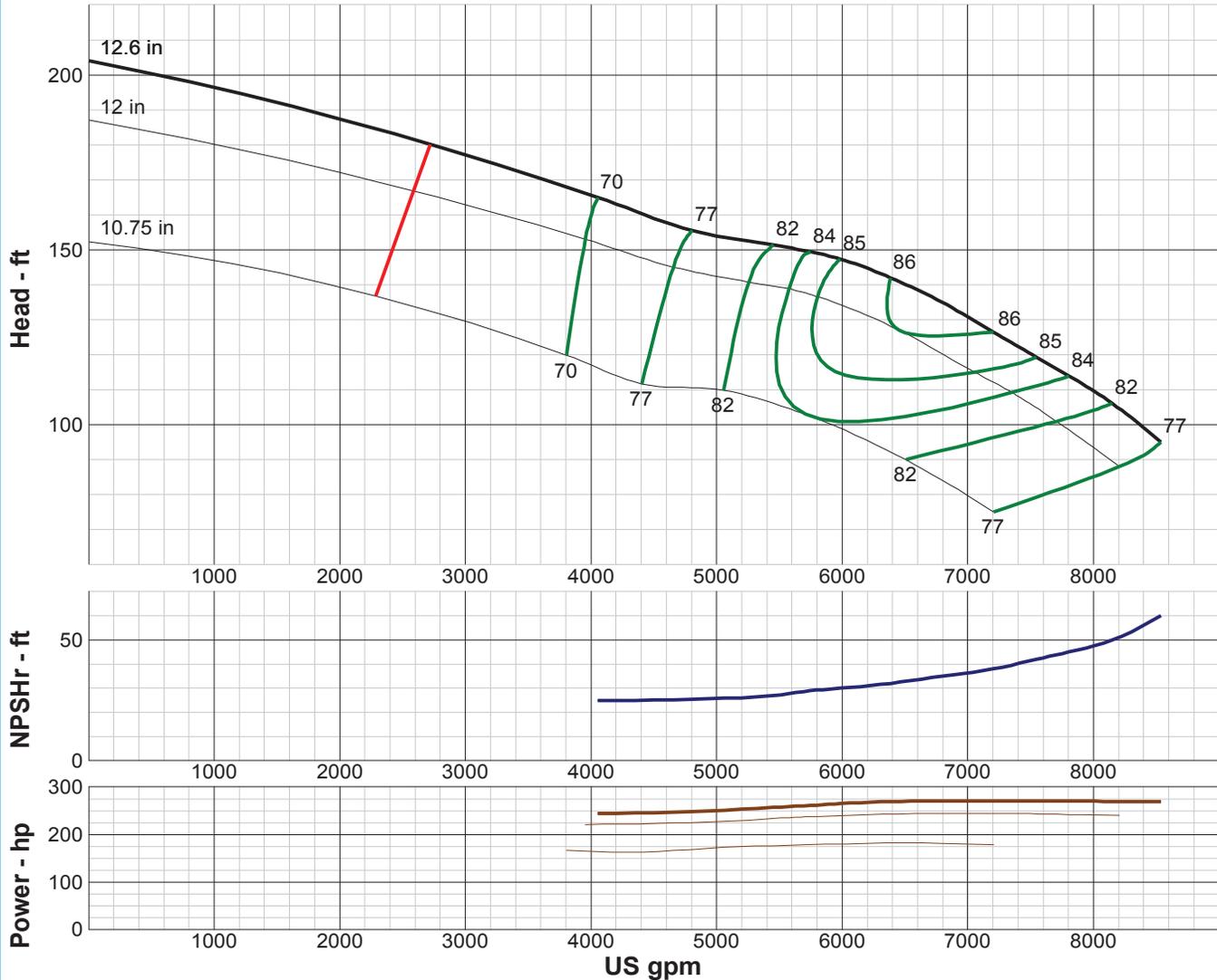


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FHC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER		TRIM ANGLE: 26°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 42 IN.
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA

BOWL BUMPER	
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

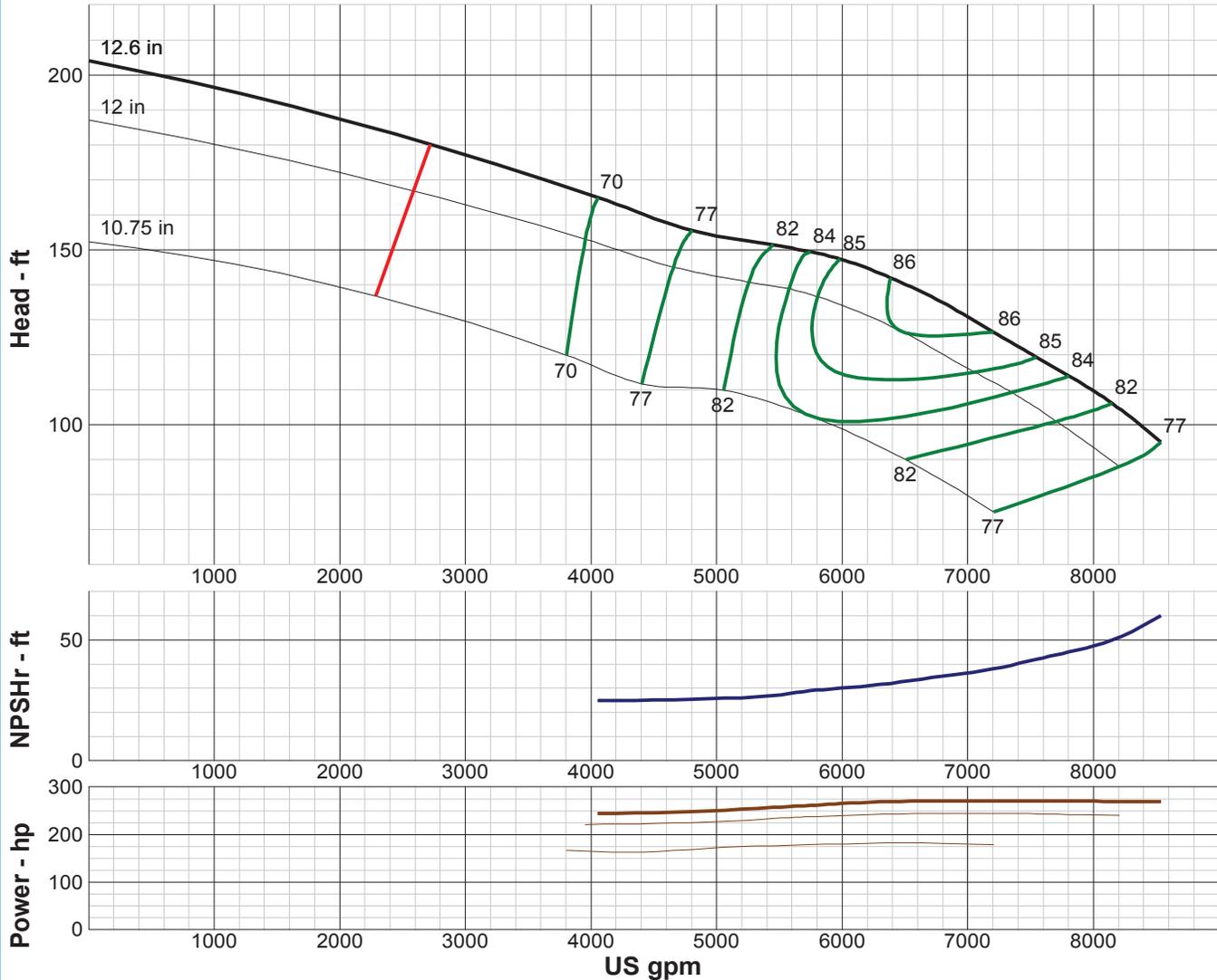


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FHS 1750 RPM



IMPELLER DATA

IMPELLER NUMBER		TRIM ANGLE: 26°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 42 IN.
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA

BOWL BUMPER	
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

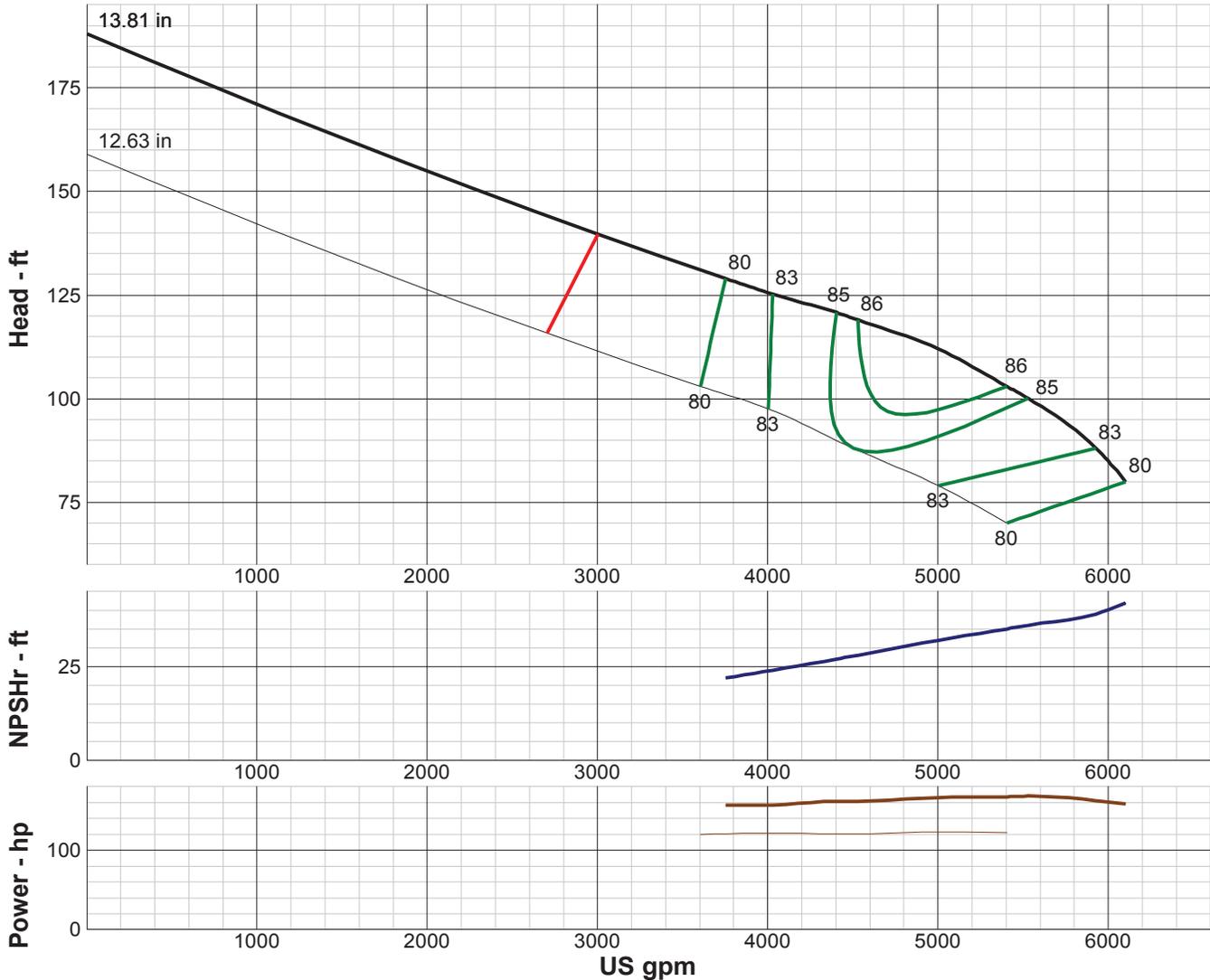


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FLC 1750 RPM



IMPELLER DATA

IMPELLER NUMBER	4838	TRIM ANGLE: 27°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 33 IN.
THRUST FACTOR	K=29.40	
EYE AREA	72.6 SQ. IN.	
WEIGHT	69.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-2	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3969
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	20.875 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

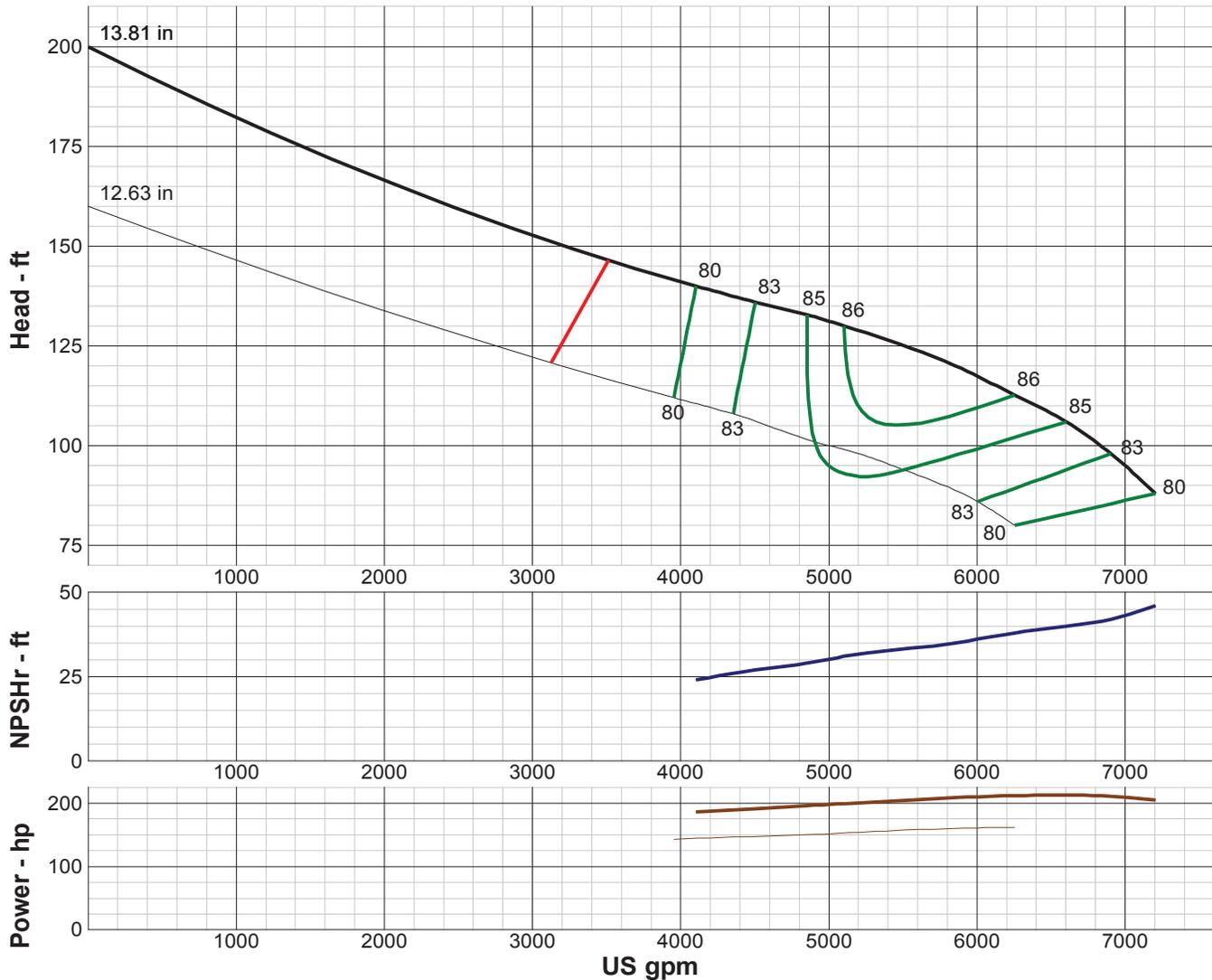


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FMC 1750 RPM



IMPELLER DATA		
IMPELLER NUMBER	4847	TRIM ANGLE: 27°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 33 IN.
THRUST FACTOR	K=29.40	
EYE AREA	72.6 SQ. IN.	
WEIGHT	69.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

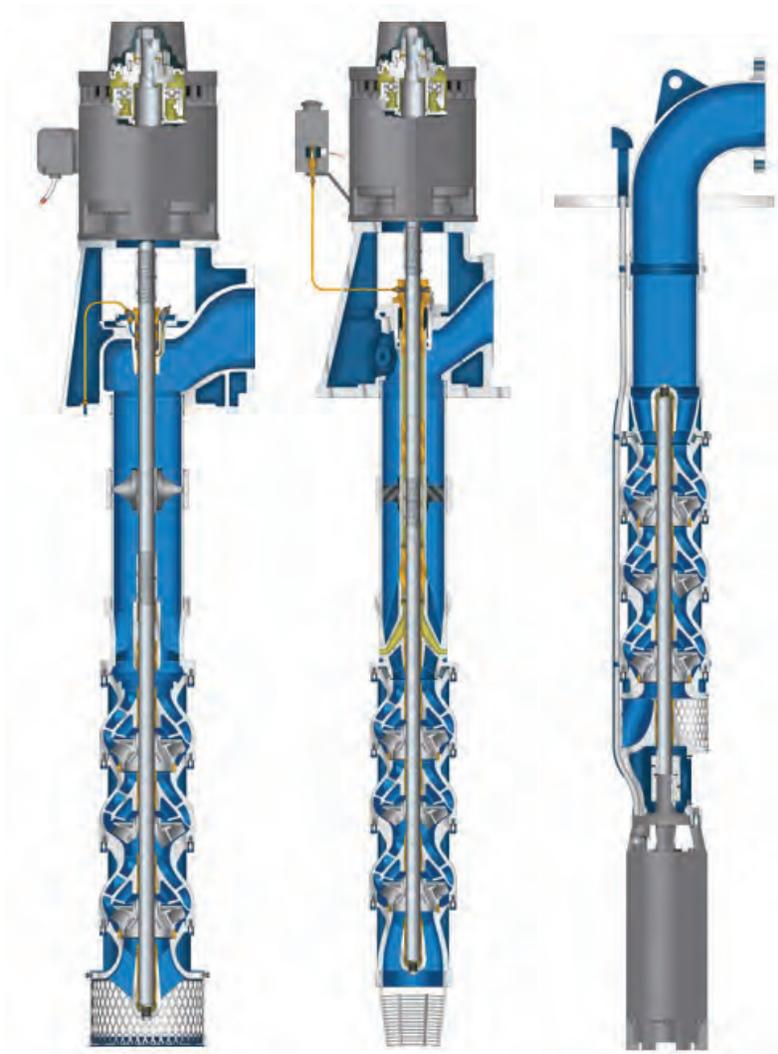
FLANGED BOWL DATA	
BOWL NUMBER	3969
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	20.875 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

PERFORMANCE CURVES

LINESHAFT & SUBMERSIBLE

1180 RPM



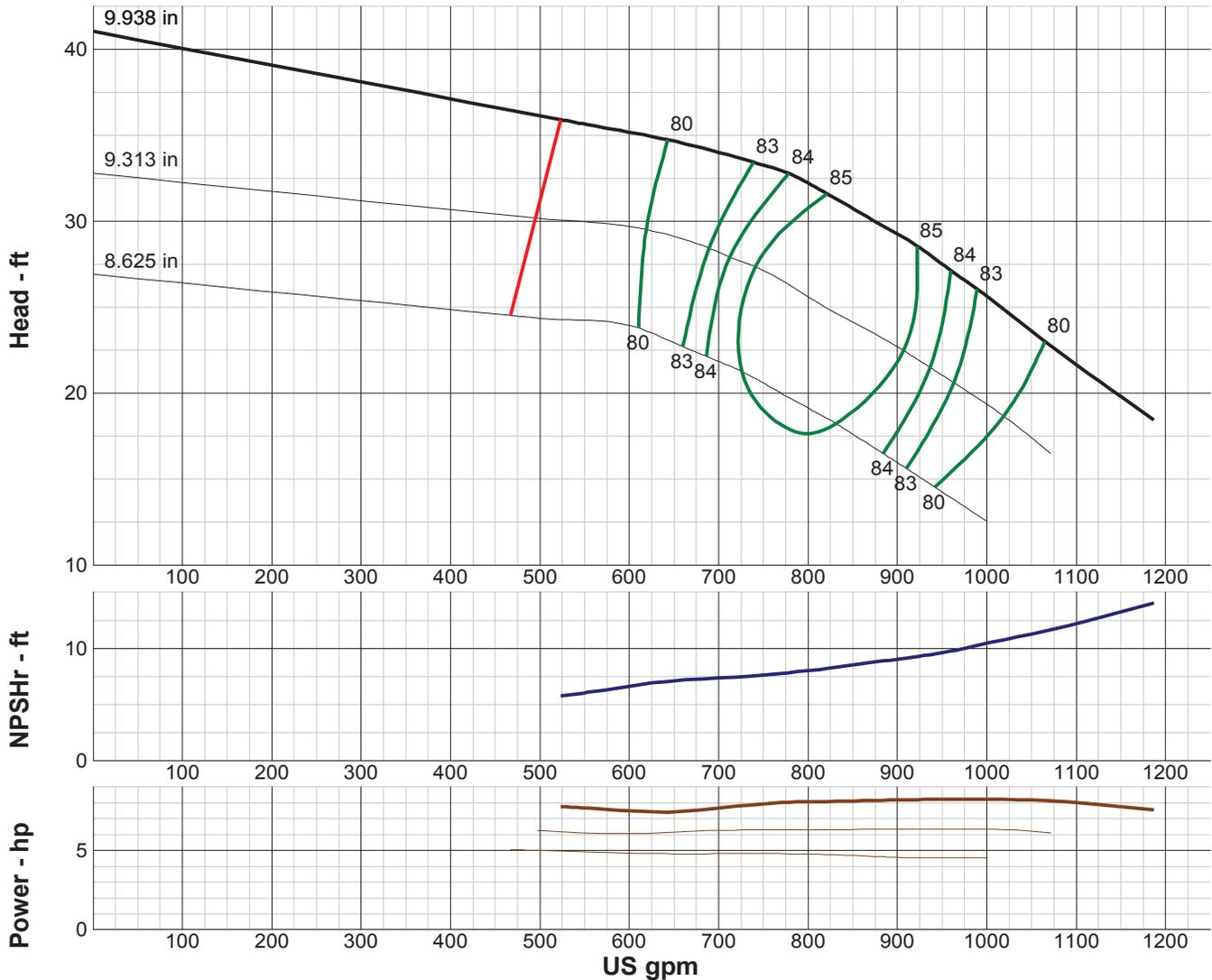


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

13FMC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	2999	TRIM ANGLE: 30° Minimum submergence above eye of bottom impeller: 24 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=7.90	
EYE AREA	23.4 SQ. IN.	
WEIGHT	14.70 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-1	-3

FLANGED BOWL DATA	
BOWL NUMBER	2998
BOWL MAX. DIAMETER	12.500 IN.
BOWL MIN. DIAMETER	12.125 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	240 LB.
ADD STAGE WEIGHT	115 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

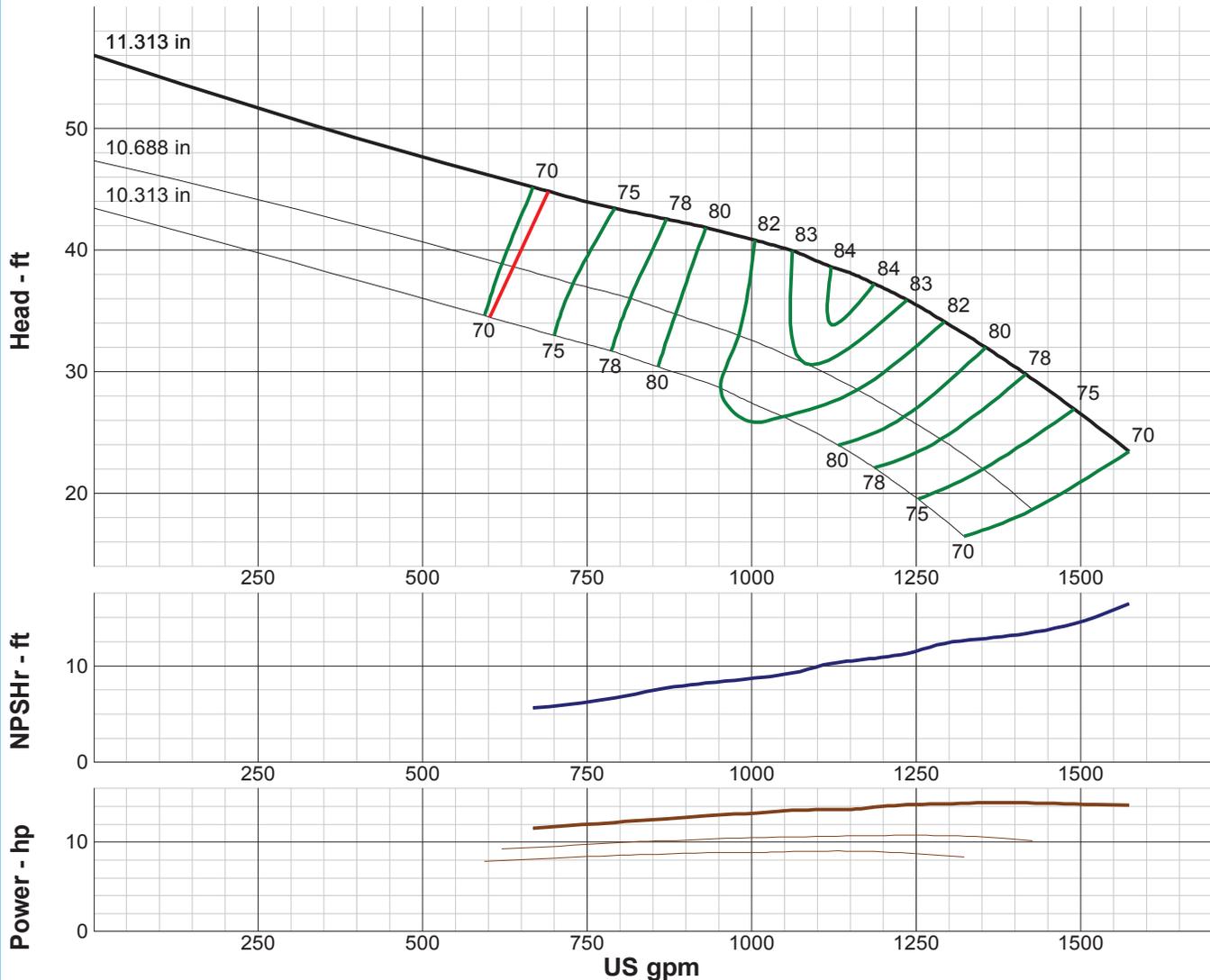


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	3105	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=17.20	
EYE AREA	31.5 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3106
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	27
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

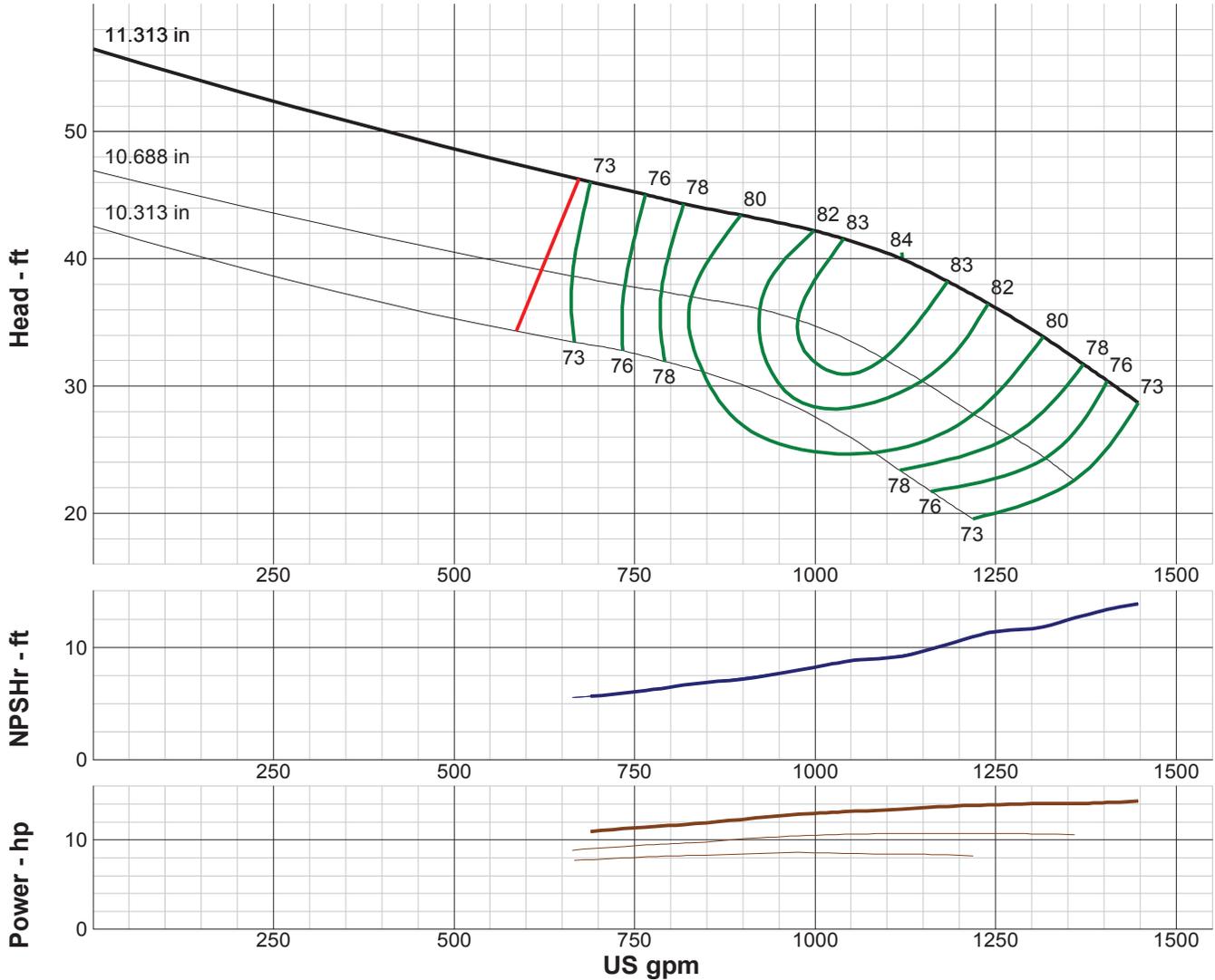


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLS 1160 RPM



IMPELLER DATA		
IMPELLER NUMBER	3107	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=19.70	
EYE AREA	31.5 SQ. IN.	
WEIGHT	18.50 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3106
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

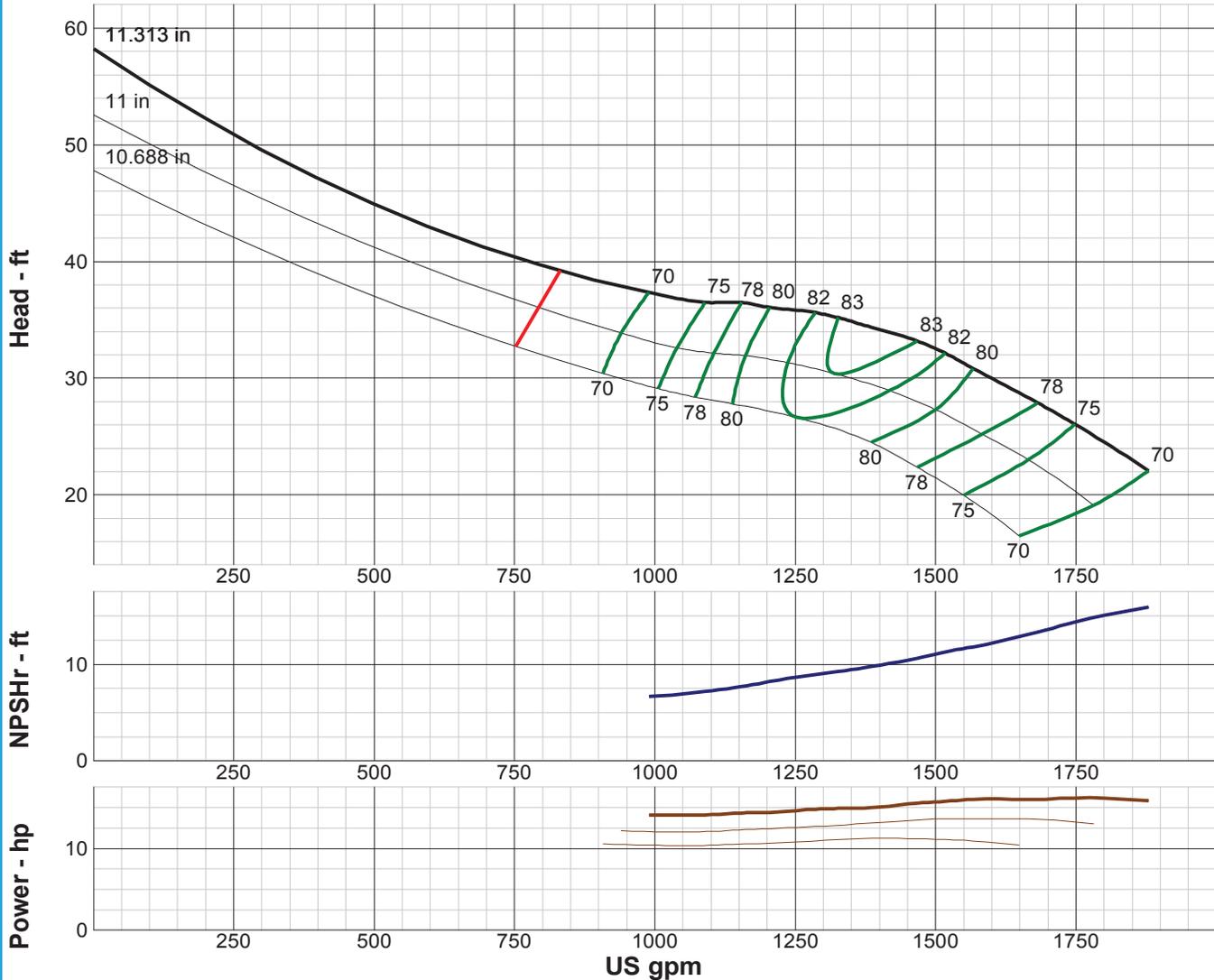


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	3065	TRIM ANGLE: 30° Minimum submergence above eye of bottom impeller: 30 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

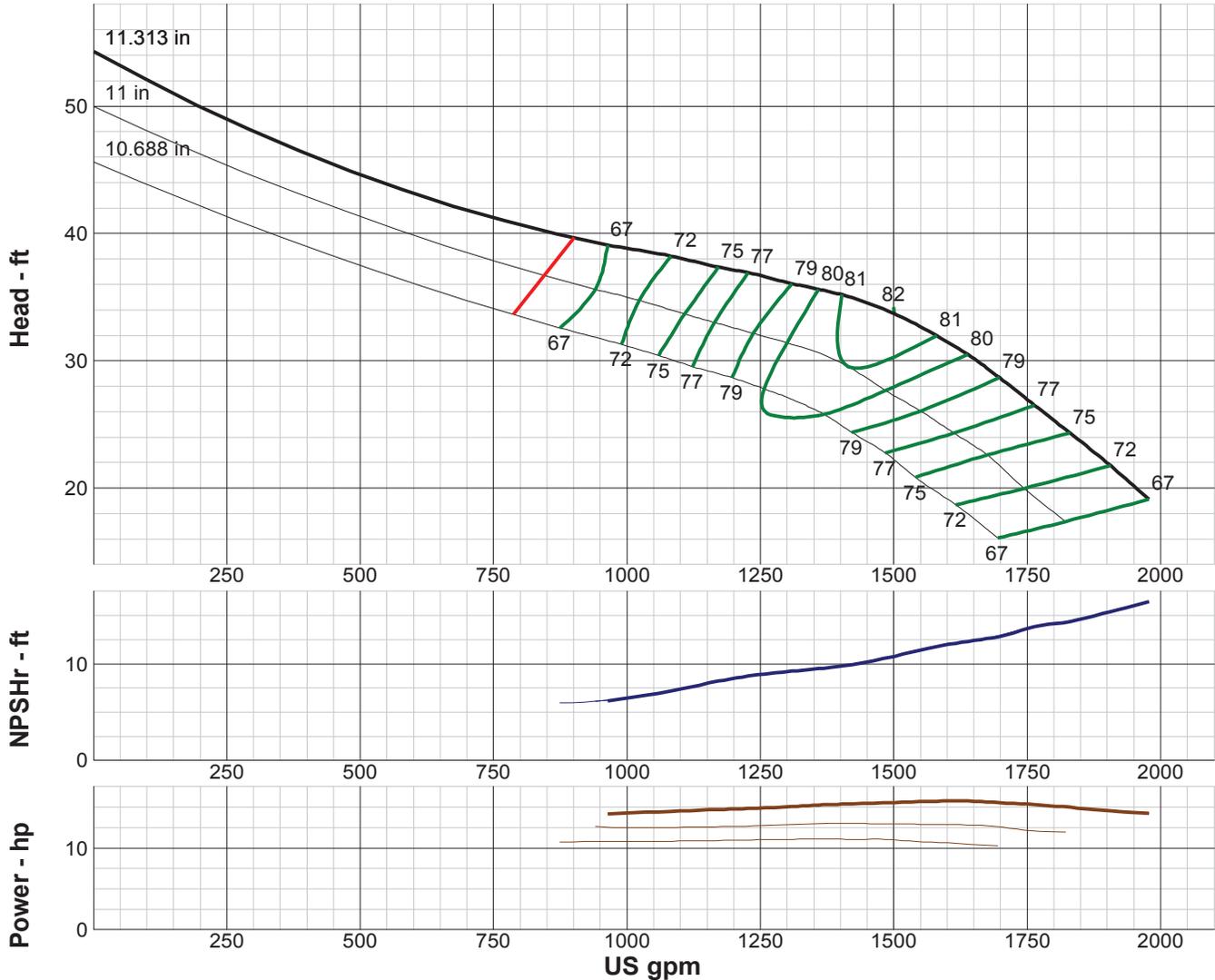


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMS 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	3078	TRIM ANGLE: 30°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=23.40	
EYE AREA	40.9 SQ. IN.	
WEIGHT	20.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

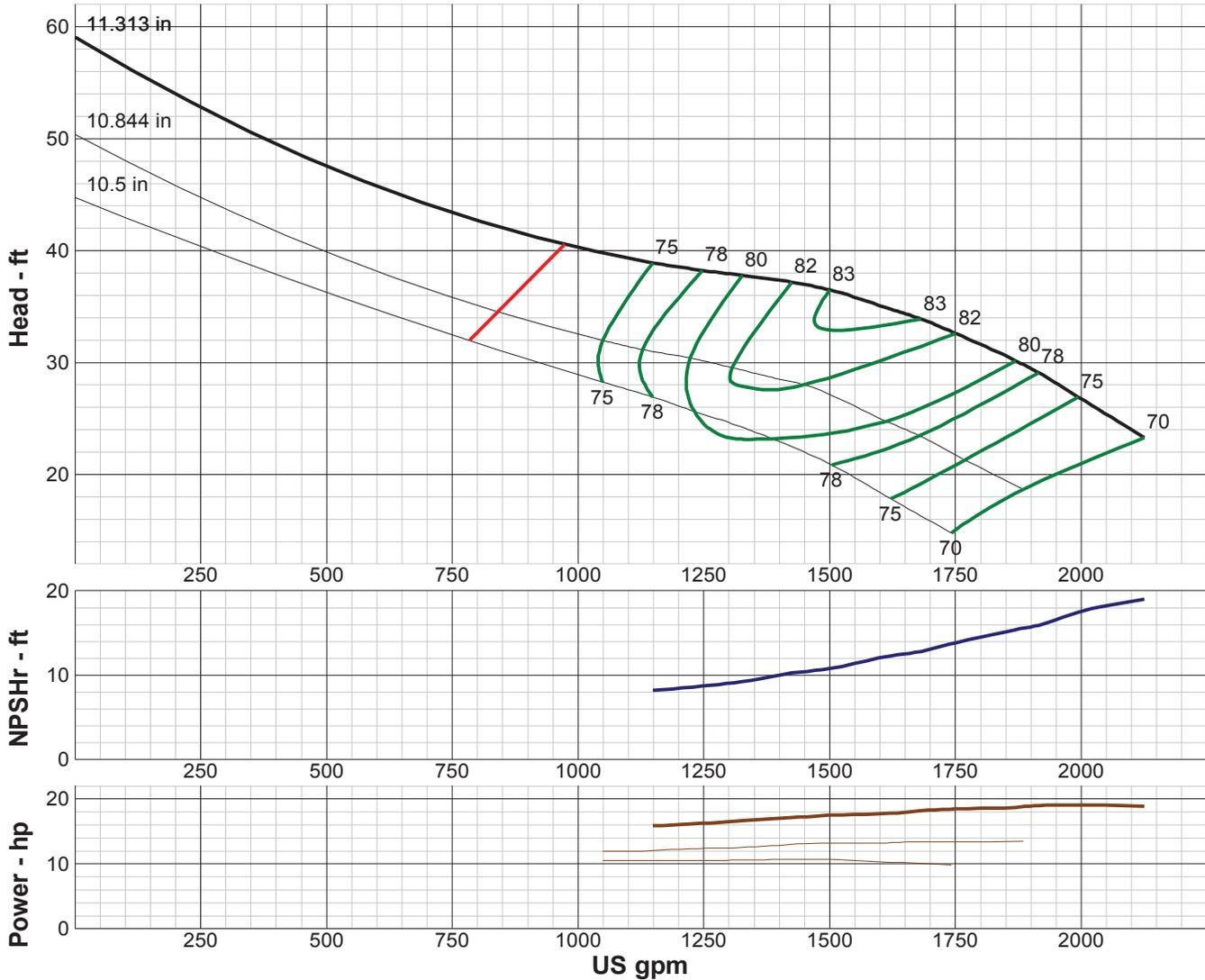


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	3029	TRIM ANGLE: 32.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	30.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

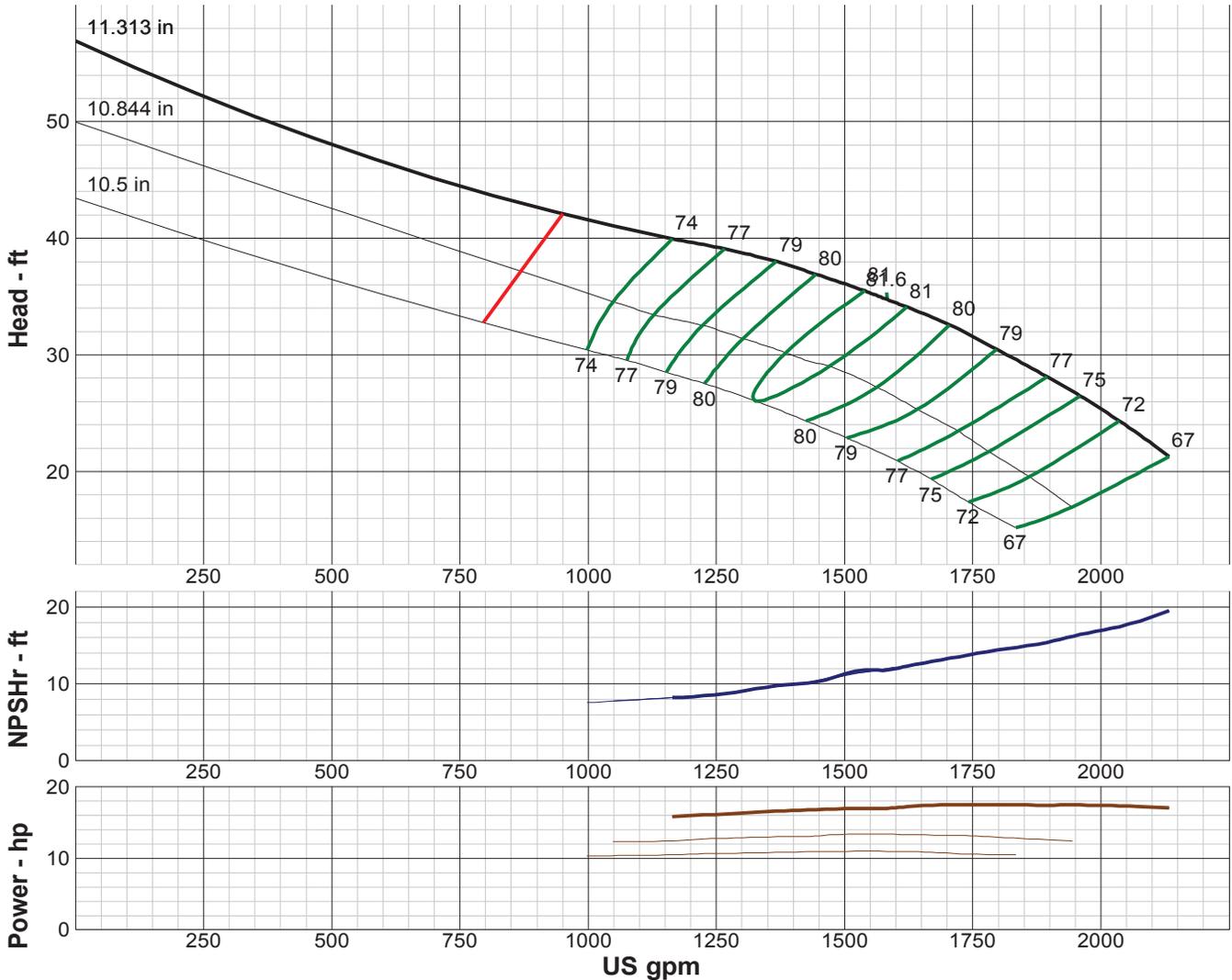


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHS 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	3029	TRIM ANGLE: 32.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=25.20	
EYE AREA	43.9 SQ. IN.	
WEIGHT	21.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

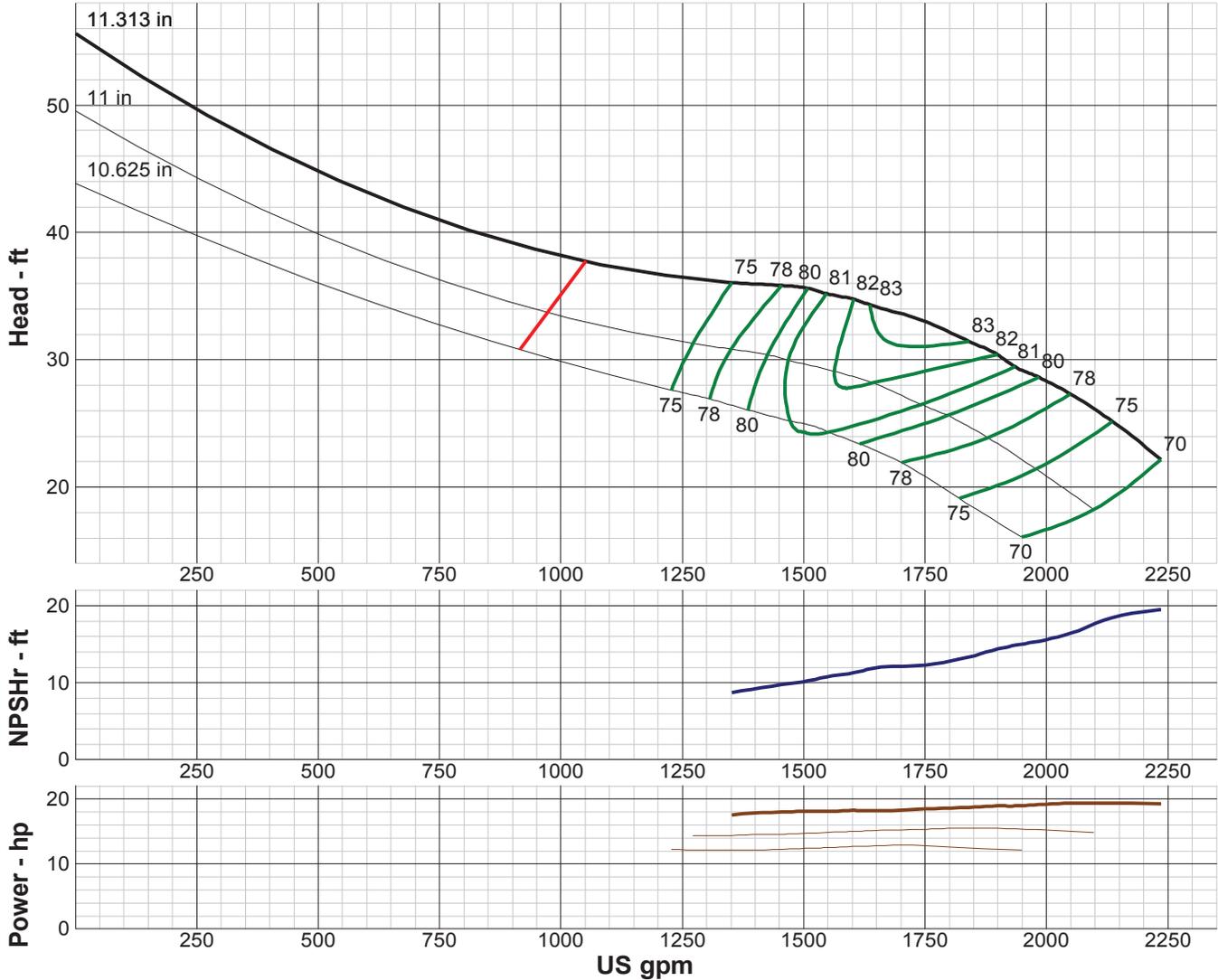


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FXC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	3086	TRIM ANGLE: 32.5° Minimum submergence above eye of bottom impeller: 32 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	29.25 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

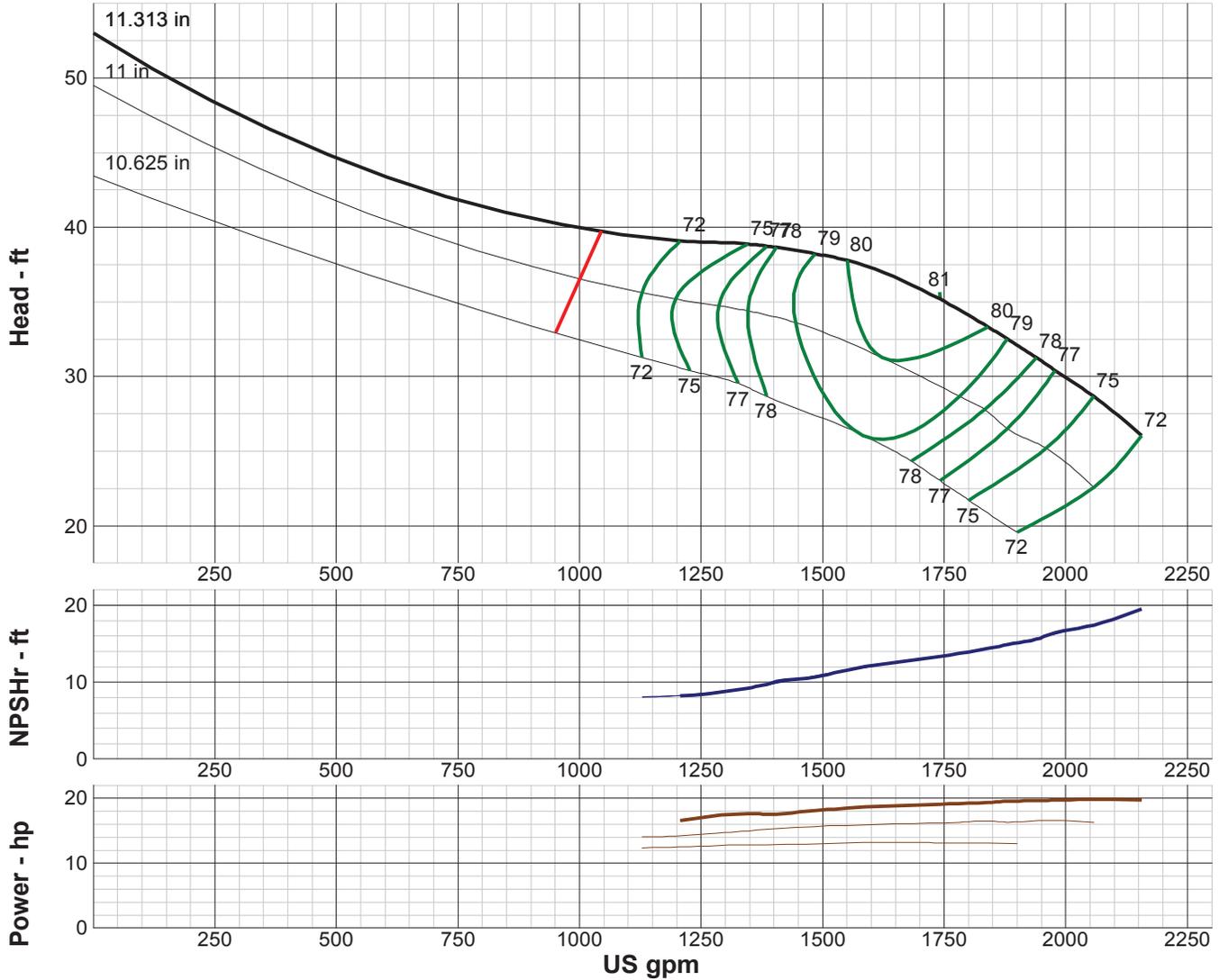


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FXS 1160 RPM



IMPELLER DATA		
IMPELLER NUMBER	3092	TRIM ANGLE: 32.5° Minimum submergence above eye of bottom impeller: 32 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=23.40	
EYE AREA	40.9 SQ. IN.	
WEIGHT	20.25 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

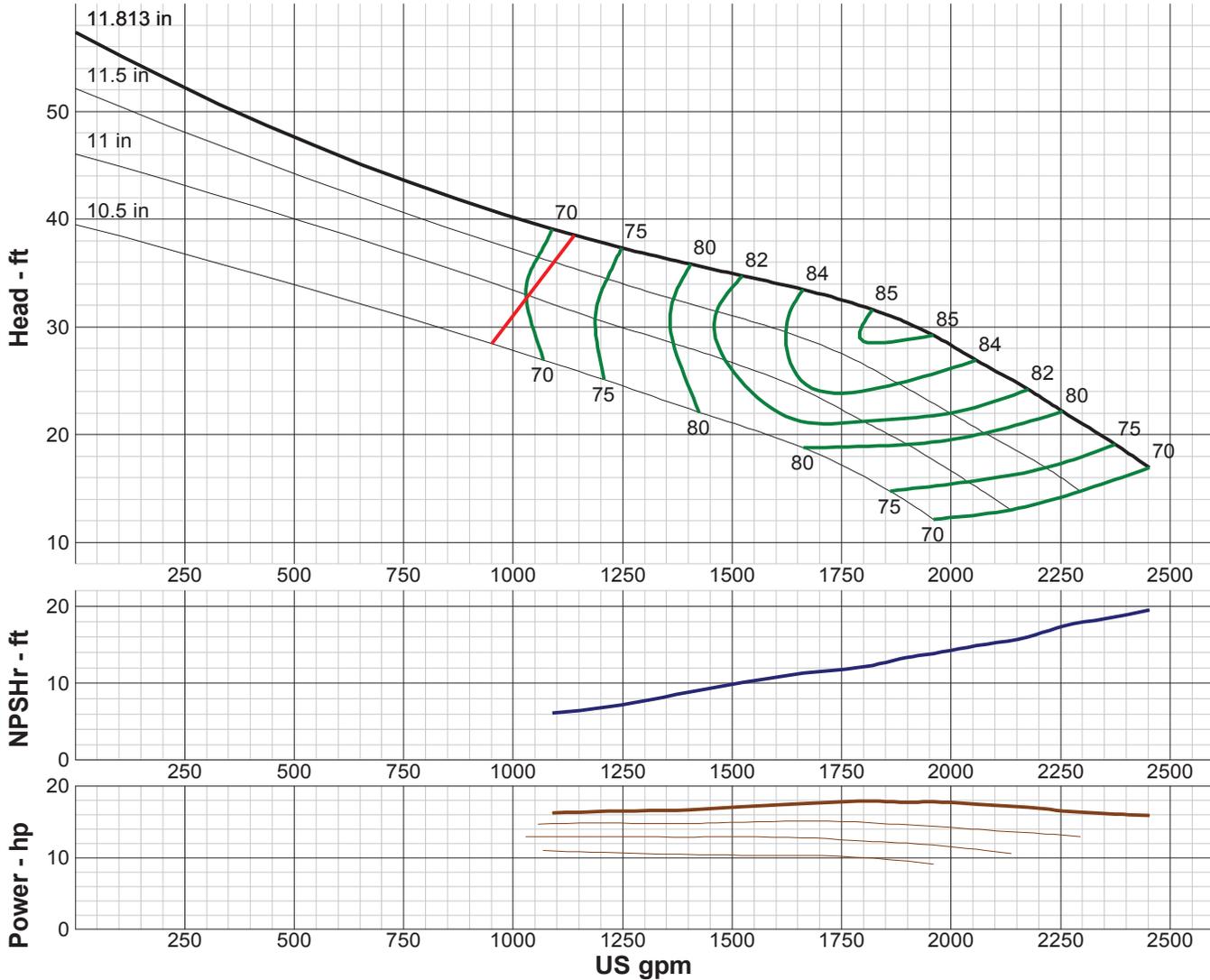


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FWC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	4151	TRIM ANGLE: 35° Minimum submergence above eye of bottom impeller: 34 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=24.80	
EYE AREA	47.4 SQ. IN.	
WEIGHT	31.75 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	4152
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.750 IN.
MAX. NO. STAGES	21
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD -FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

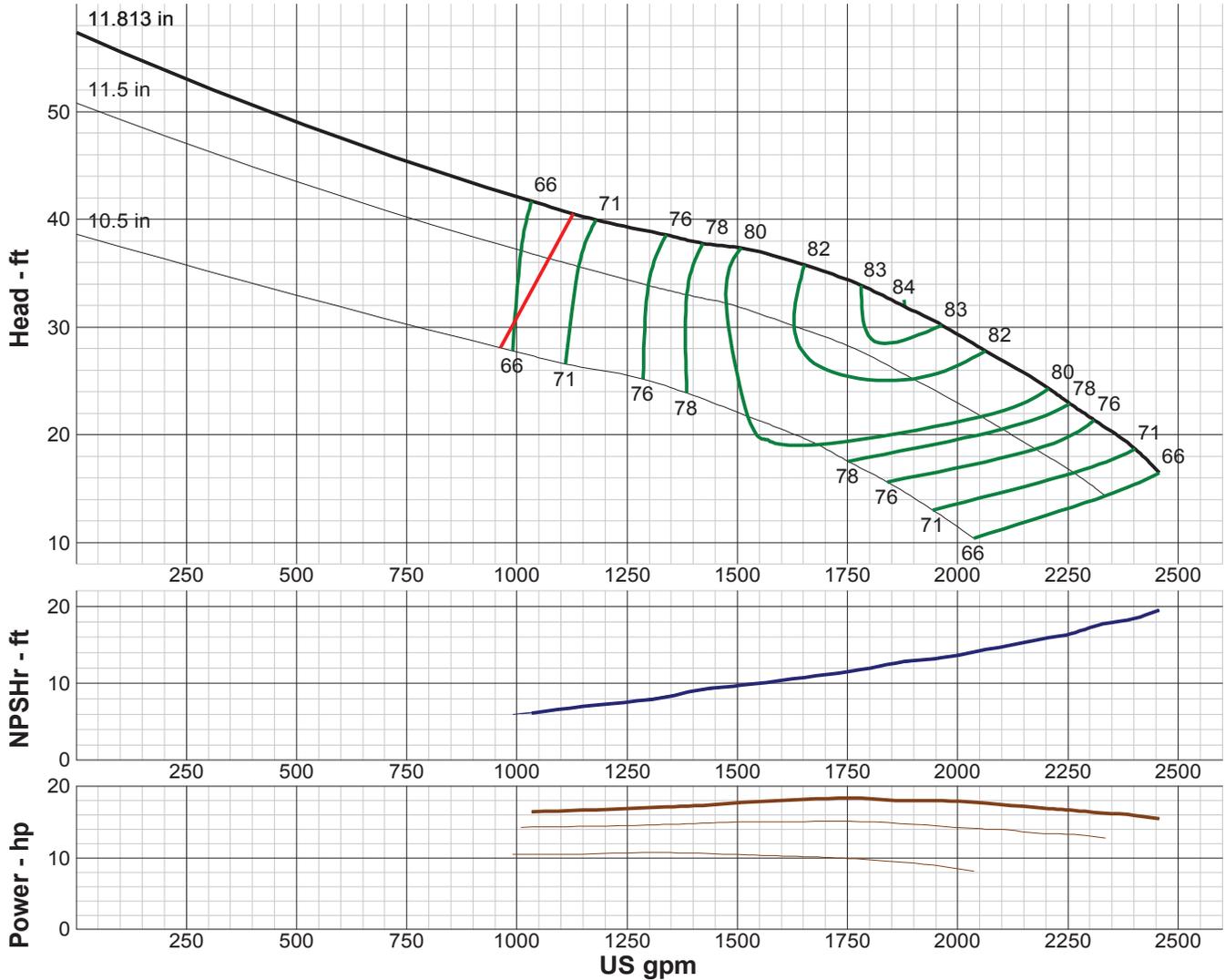


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FWS 1160 RPM



IMPELLER DATA		
IMPELLER NUMBER	4153	TRIM ANGLE: 35° Minimum submergence above eye of bottom impeller: 34 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=26.20	
EYE AREA	47.3 SQ. IN.	
WEIGHT	23.25 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	4152
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

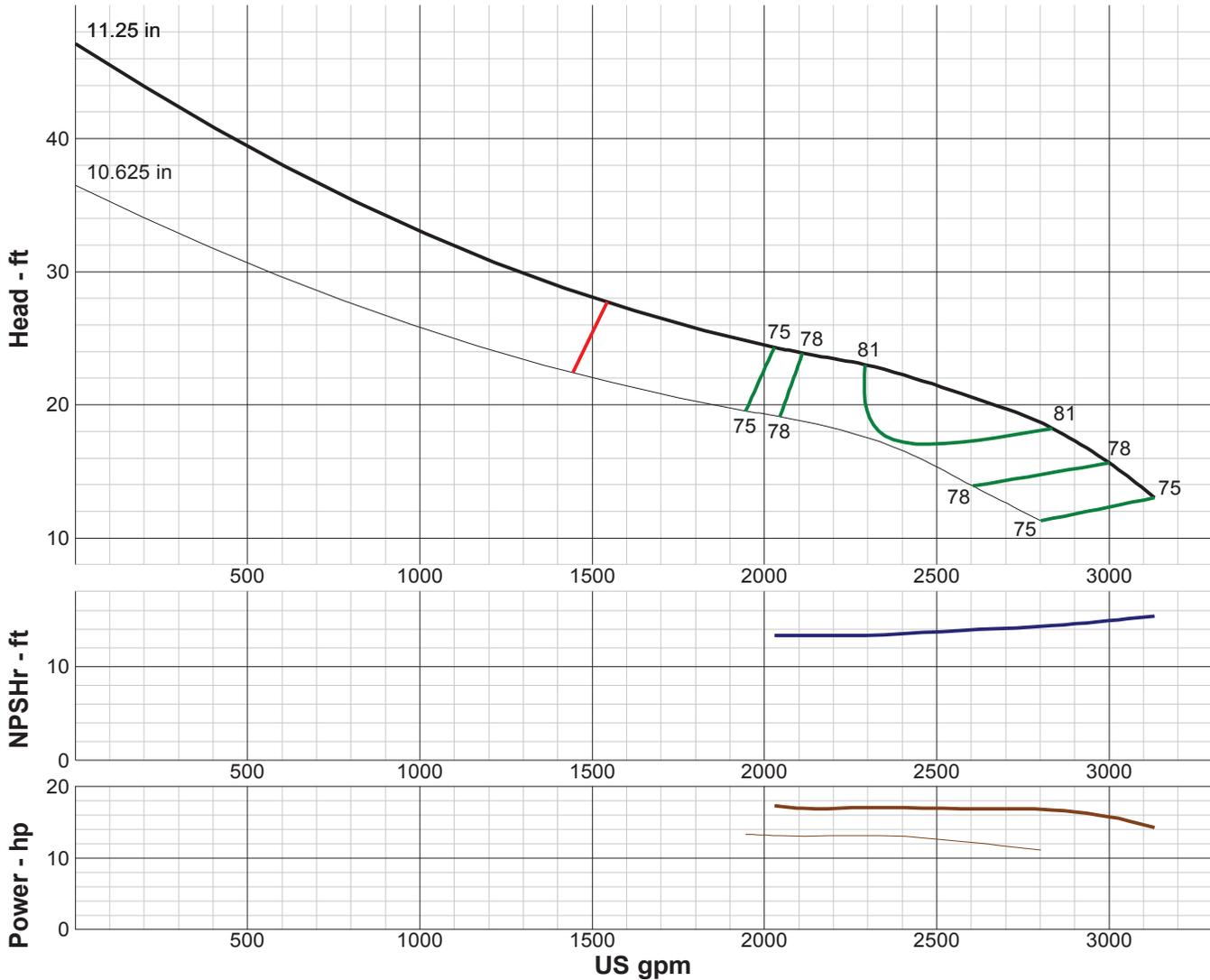


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FYC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	3878	TRIM ANGLE: 35° Minimum submergence above eye of bottom impeller: 34 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=24.00	
EYE AREA	57.0 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.635 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

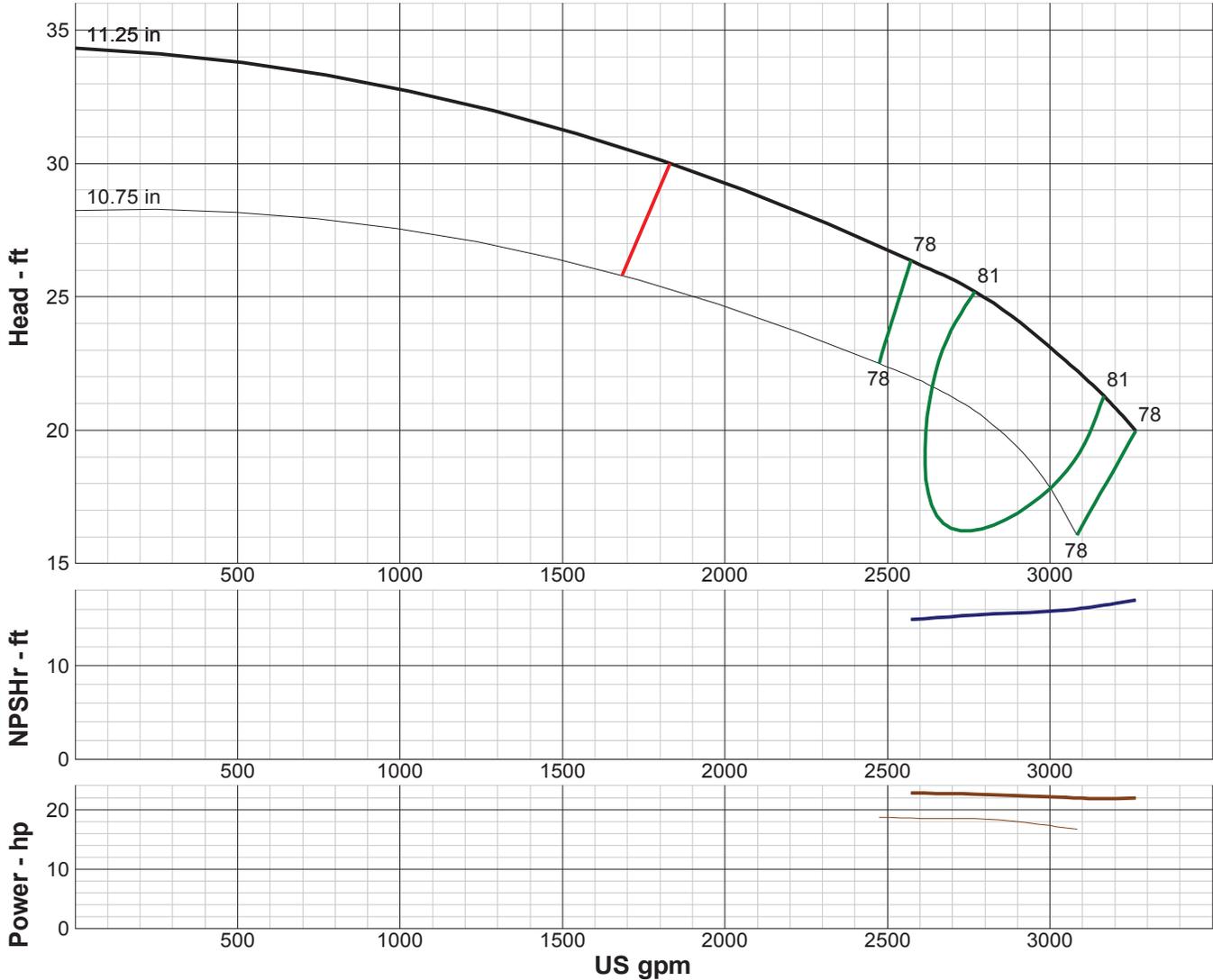


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FZC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	3896	TRIM ANGLE: 35°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 34 IN.
THRUST FACTOR	K=24.70	
EYE AREA	58.5 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

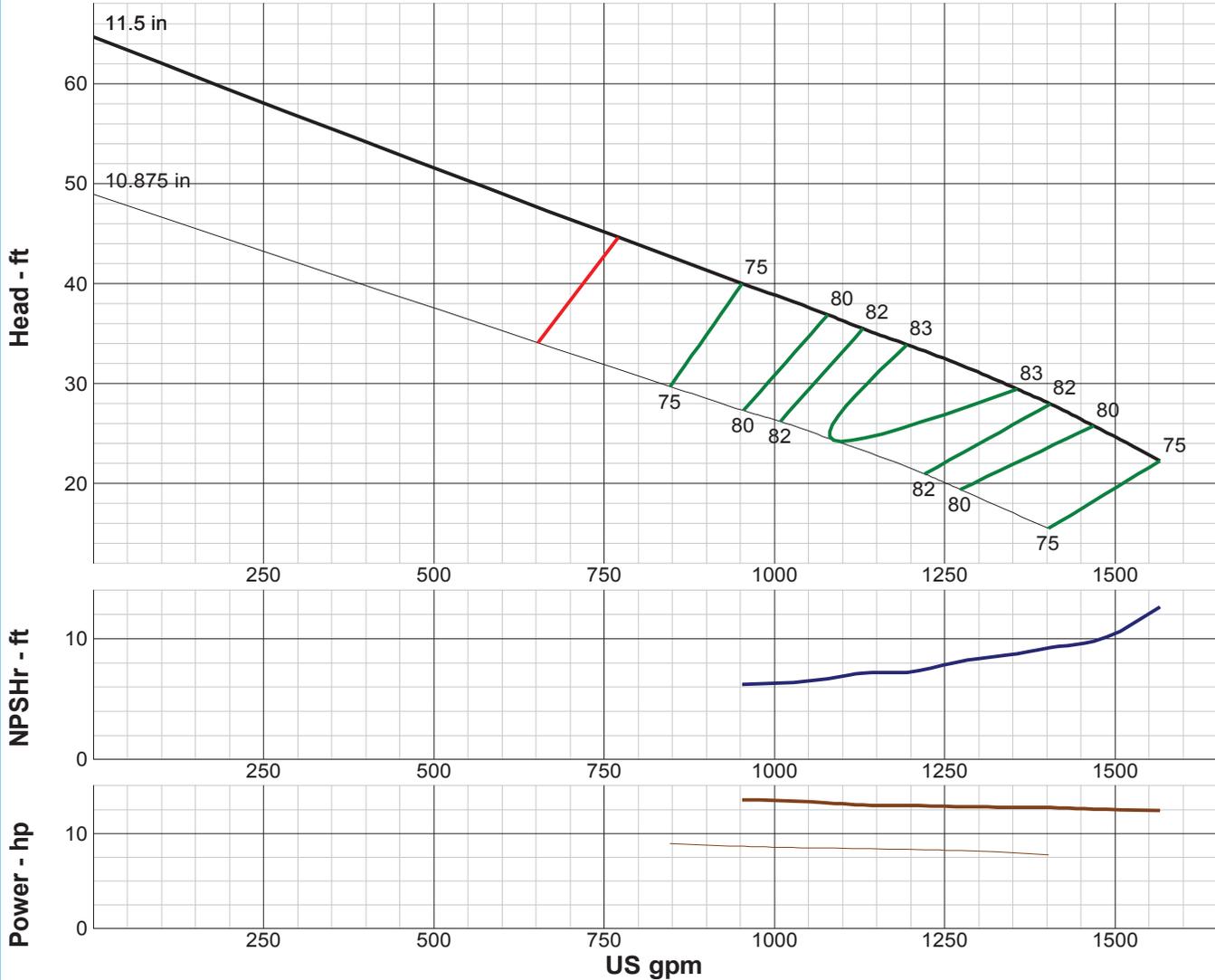


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLCR 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	0098	TRIM ANGLE: 31°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

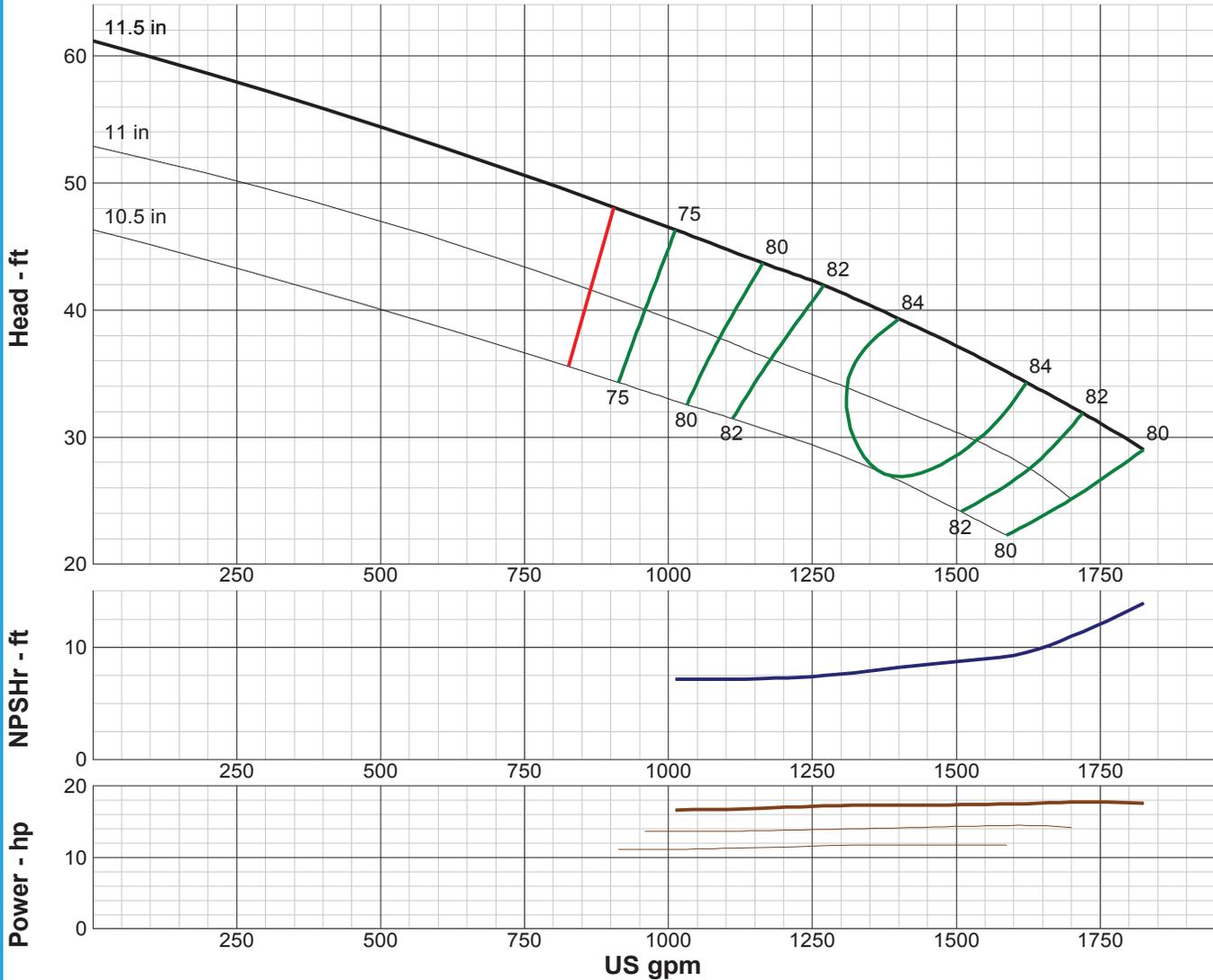


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMCR 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0101	TRIM ANGLE: 31° Minimum submergence above eye of bottom impeller: 36 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

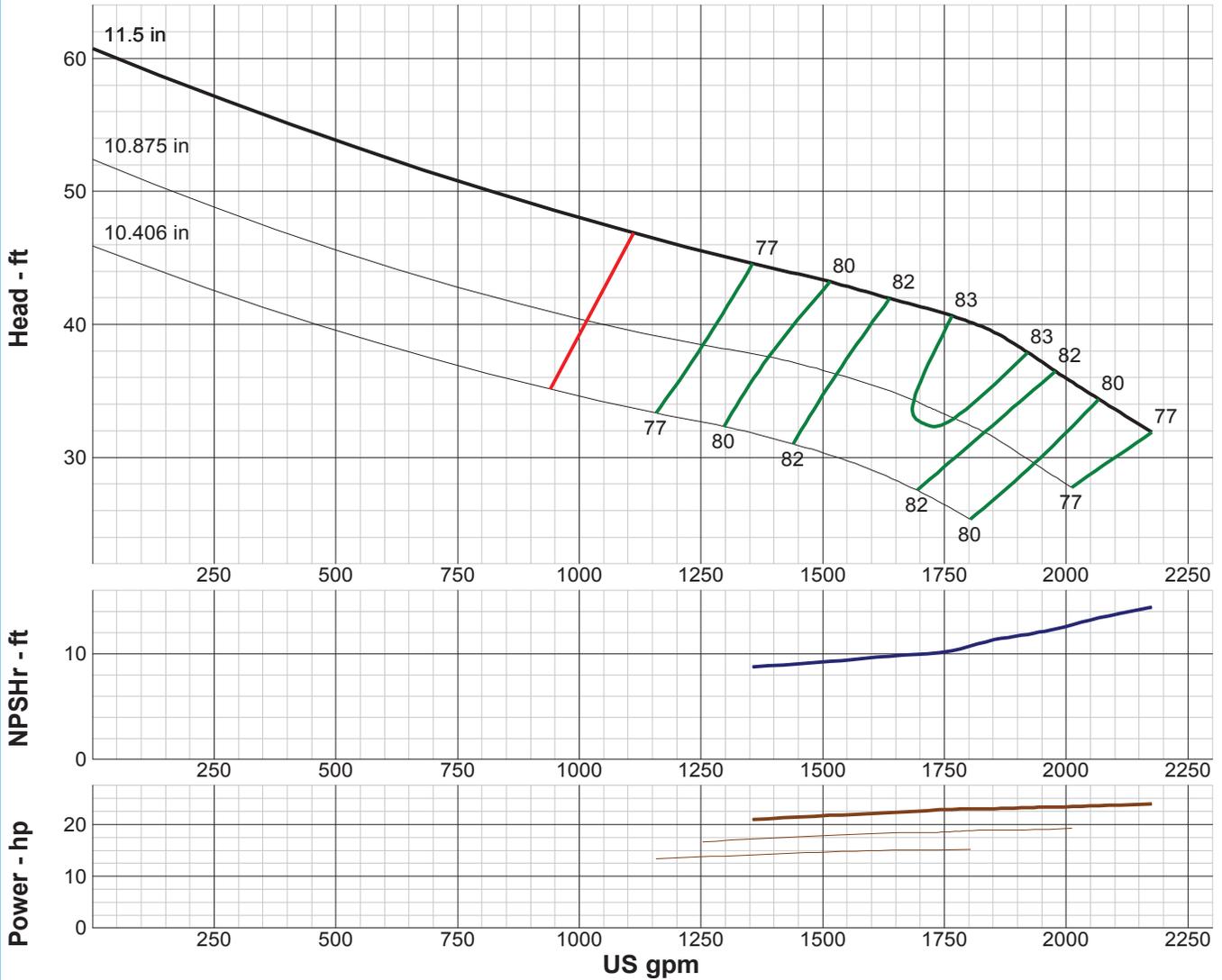


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHCR 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0103	TRIM ANGLE: 31°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

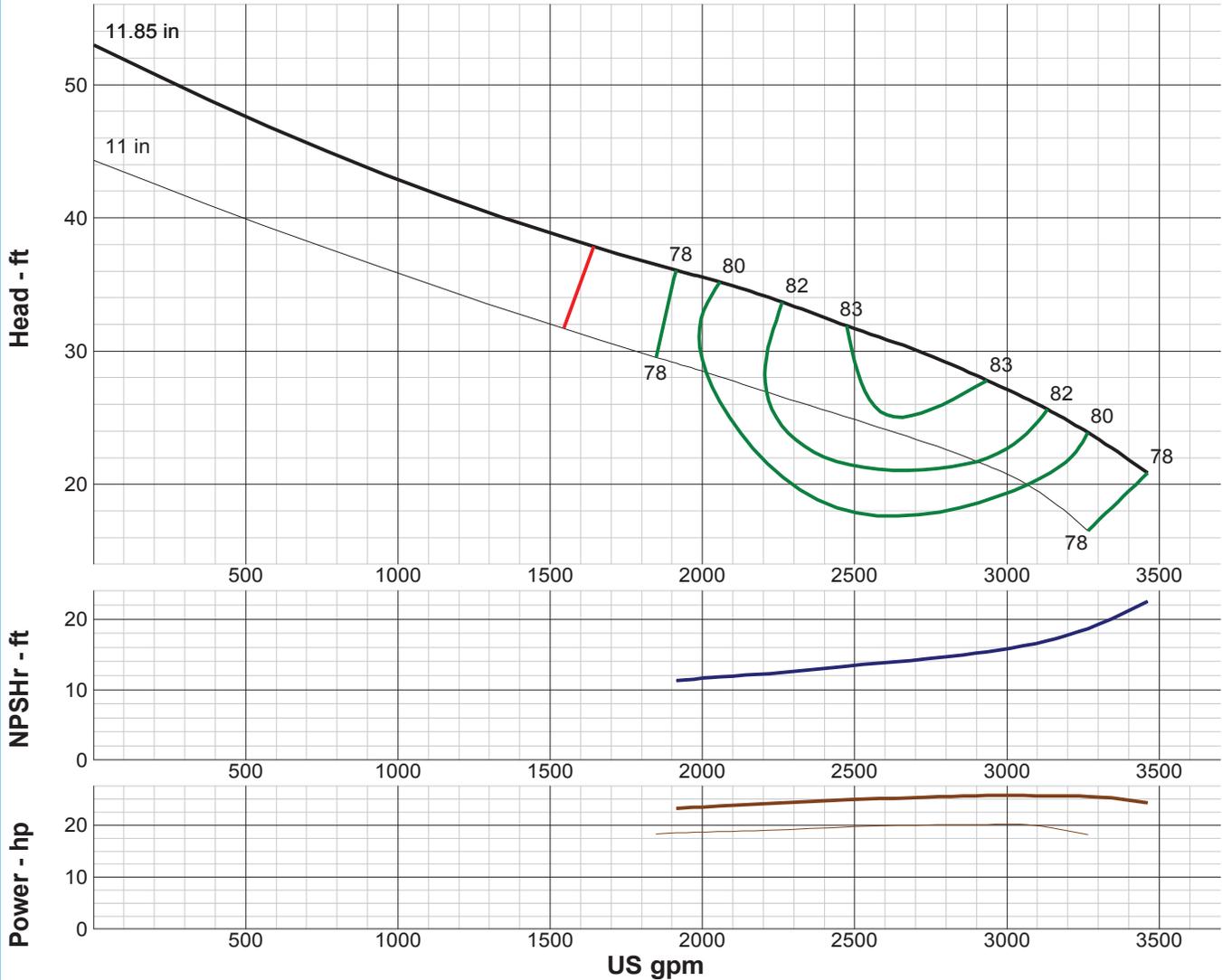


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

15FKC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0004	TRIM ANGLE: 34° Minimum submergence above eye of bottom impeller: 36 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=28.00	
EYE AREA	63.6 SQ. IN.	
WEIGHT	30.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0001
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	510 LB.
ADD STAGE WEIGHT	195 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.688 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	2.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

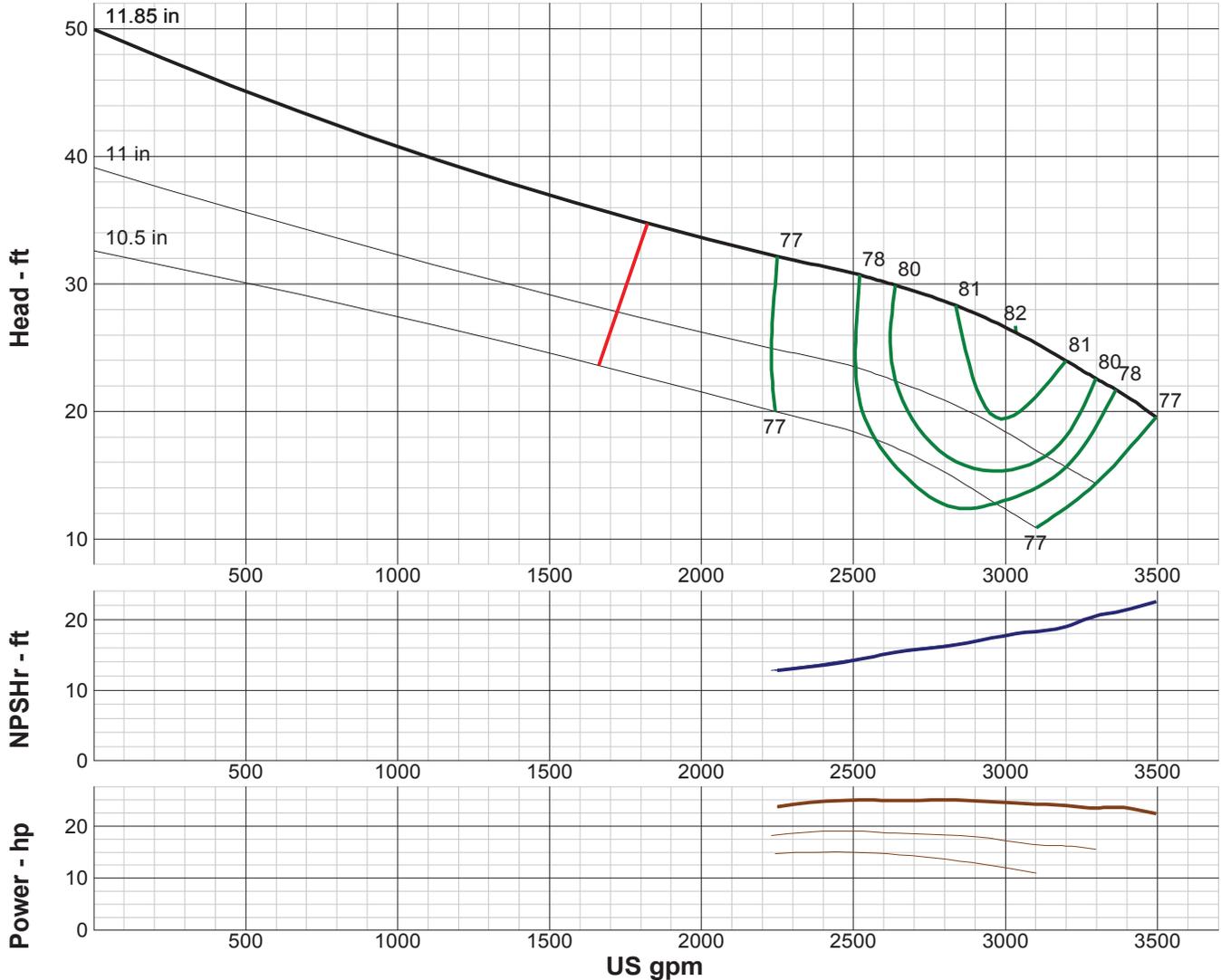


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

15FKS 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	0004	TRIM ANGLE: 34°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=30.00	
EYE AREA	63.6 SQ. IN.	
WEIGHT	21.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0001
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	375 LB.
ADD STAGE WEIGHT	170 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.688 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	2.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

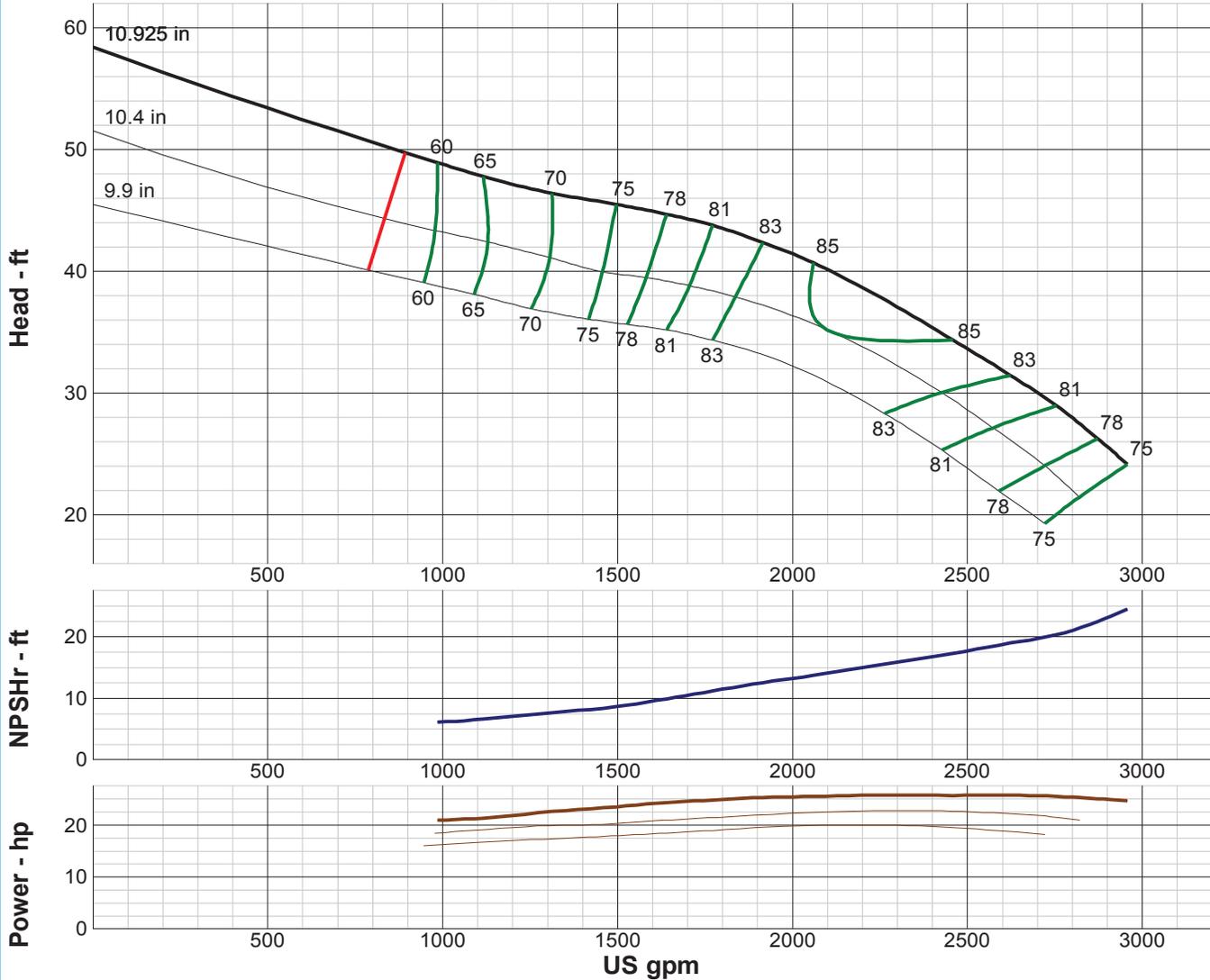


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FLC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0312	TRIM ANGLE: 14° Minimum submergence above eye of bottom impeller: 32 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=20.00	
EYE AREA	51.3 SQ. IN.	
WEIGHT	32.30 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0310
BOWL MAX. DIAMETER	15.375 IN.
BOWL MIN. DIAMETER	15.375 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.563 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	16.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.375 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

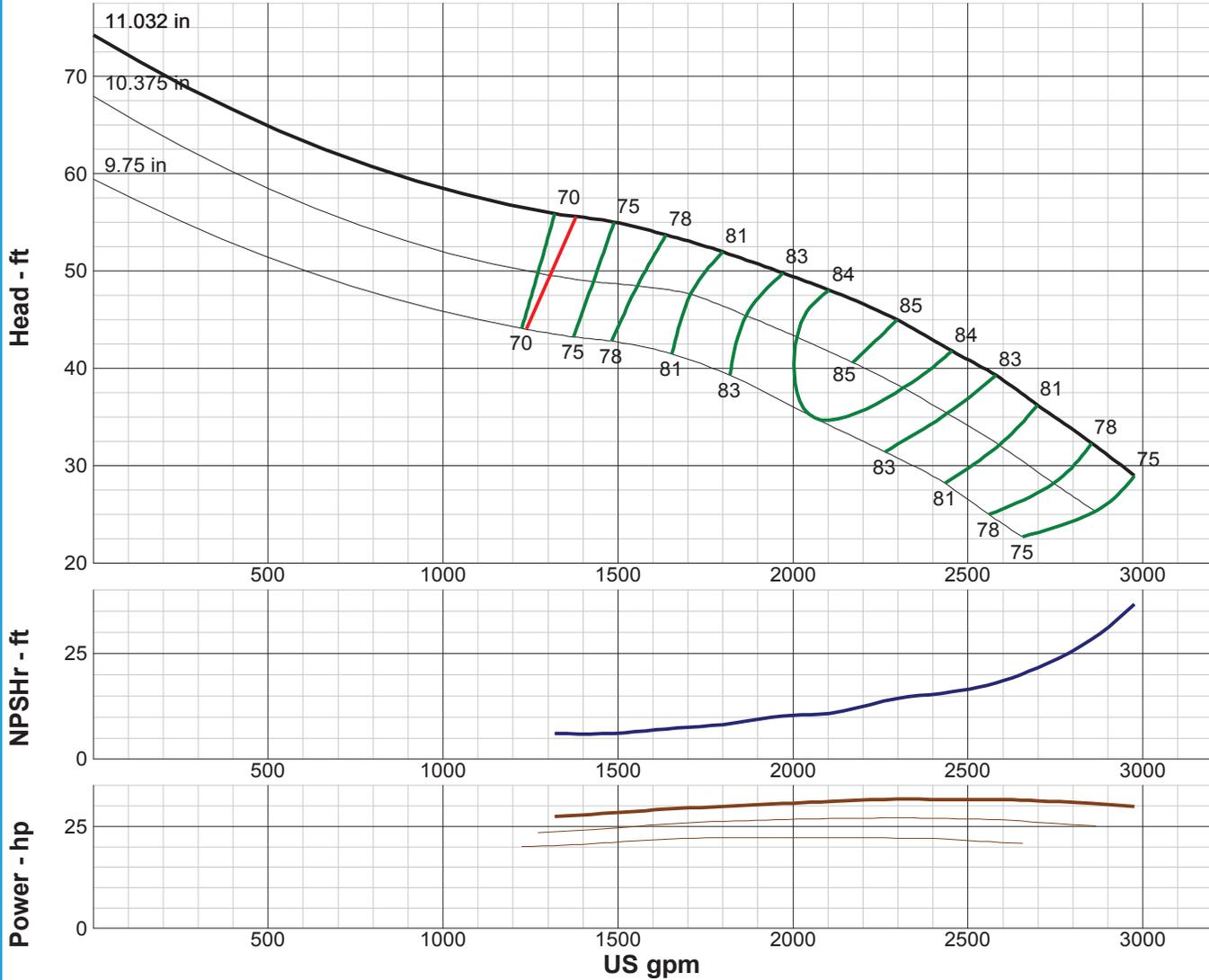


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FMC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0308	TRIM ANGLE: 27° Minimum submergence above eye of bottom impeller: 36 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=23.00	
EYE AREA	58.4 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0306
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	17.375 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

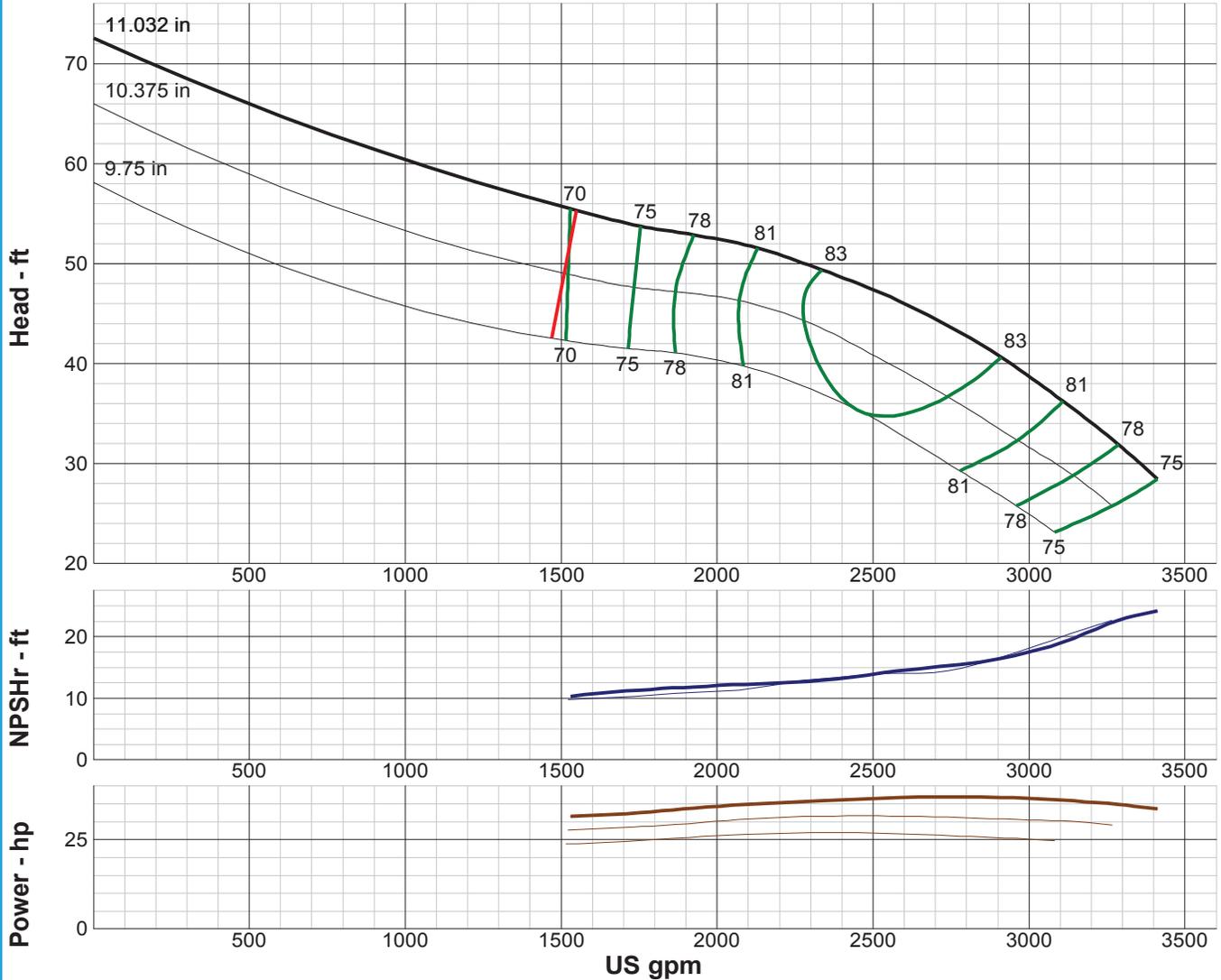


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FHC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0309	TRIM ANGLE: 27° Minimum submergence above eye of bottom impeller: 36 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=23.00	
EYE AREA	58.4 SQ. IN.	
WEIGHT	52.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-0.5	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0306
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	17.375 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

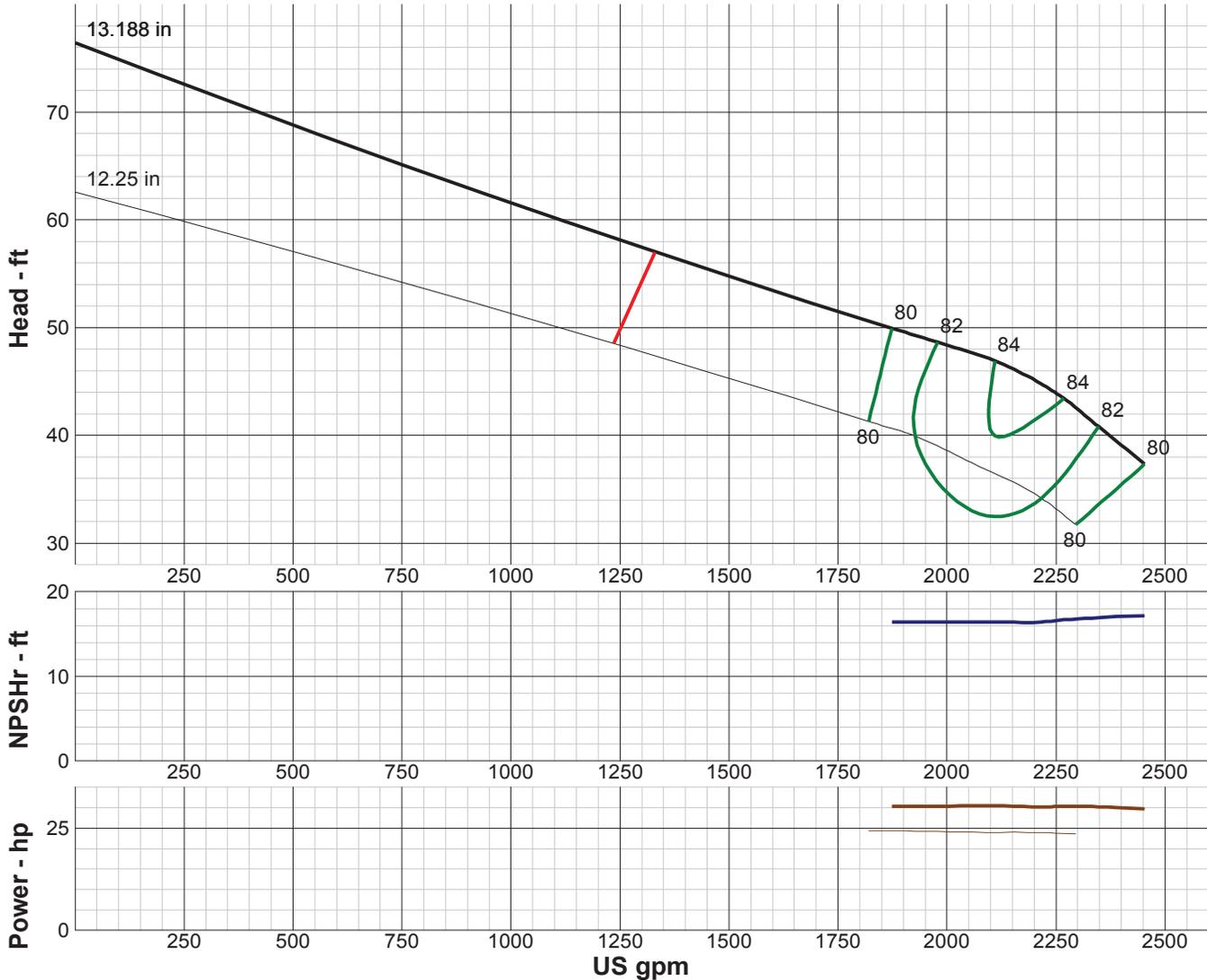


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FLC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	3914	TRIM ANGLE: 20° Minimum submergence above eye of bottom impeller: 48 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=21.75	
EYE AREA	46.0 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL SIZE	18.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

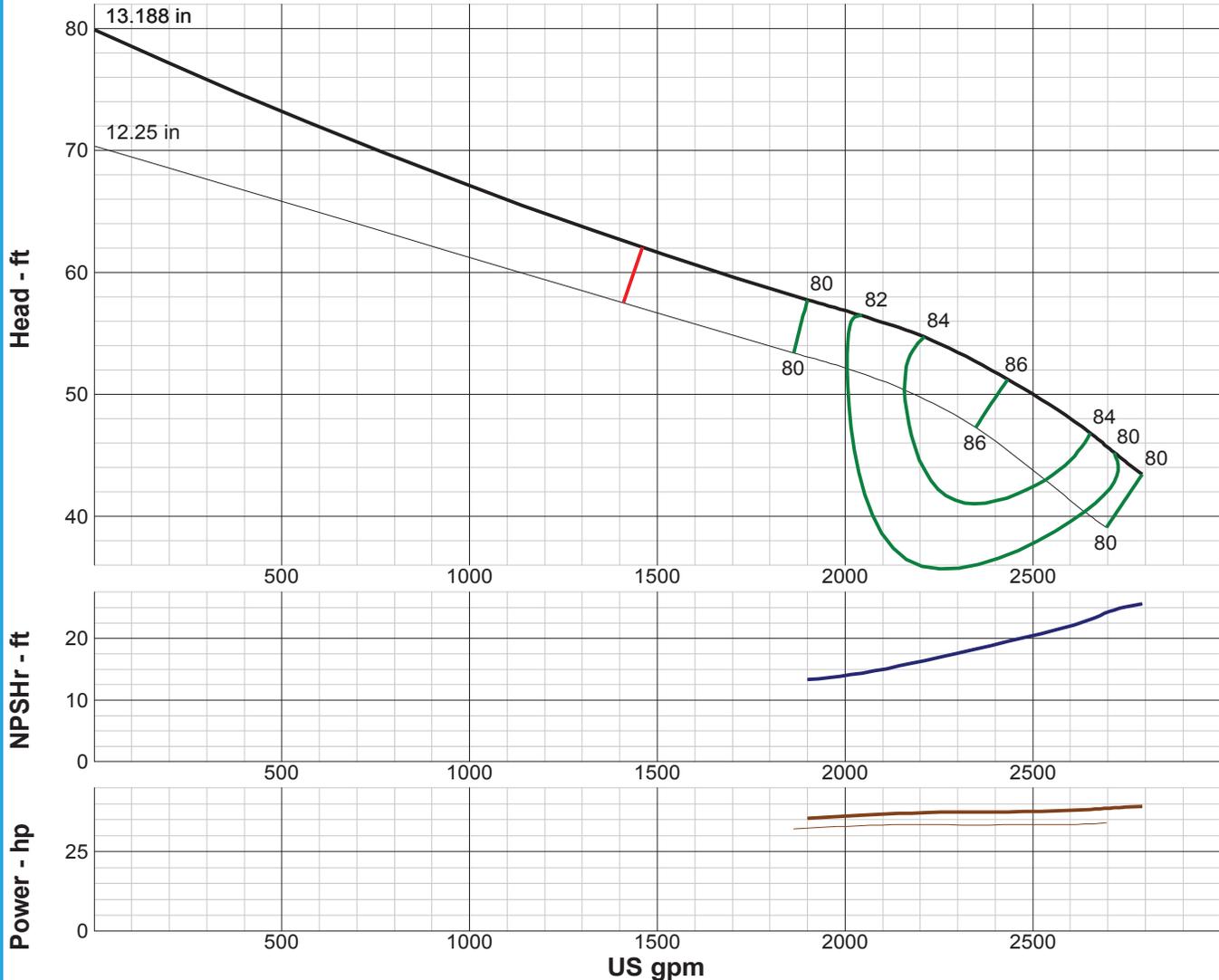


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FMC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	3923	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 48 IN.
THRUST FACTOR	K=21.75	
EYE AREA	50.3 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	18.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

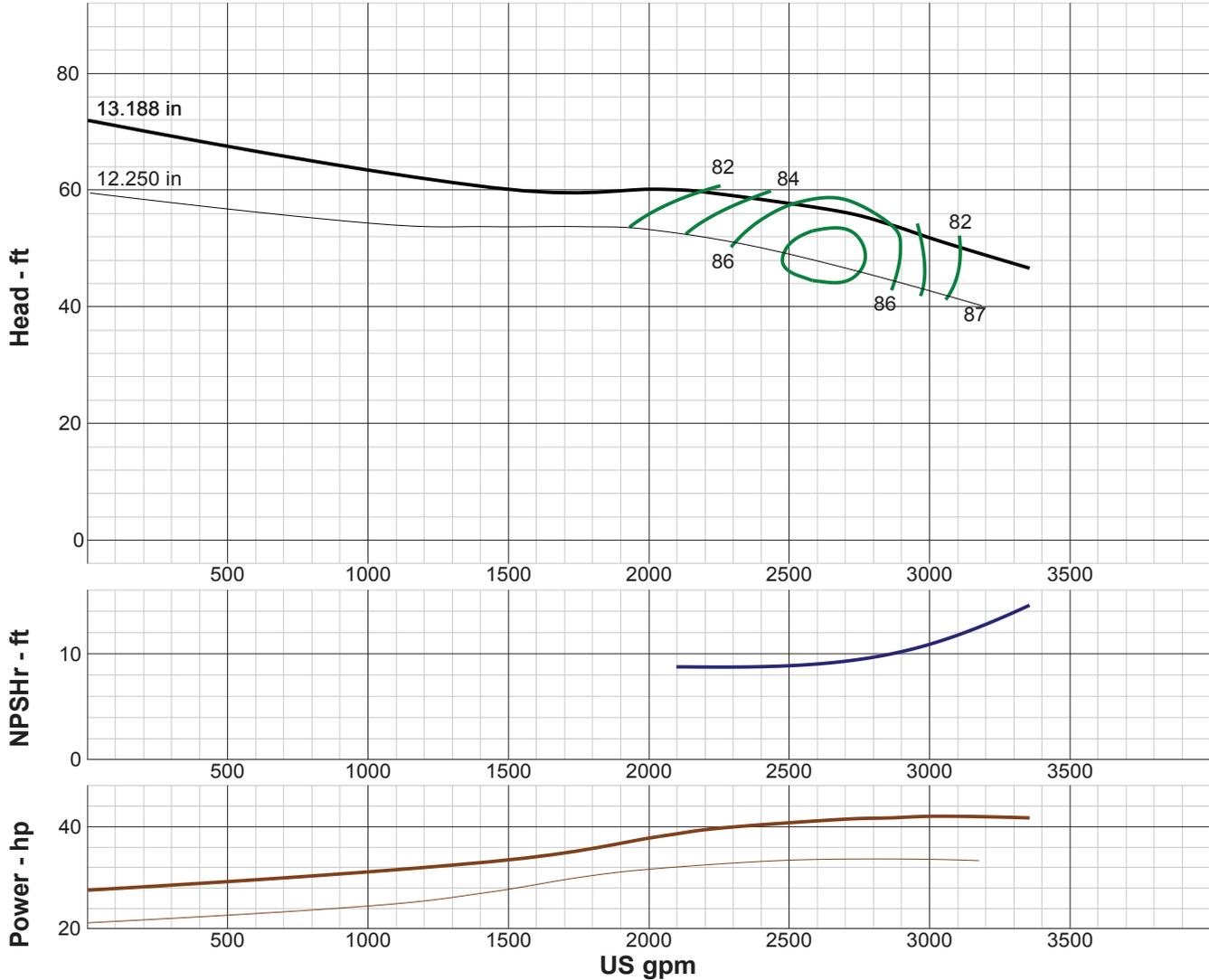


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FHC 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	3491	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=23.50	
EYE AREA	67.5 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.500 IN.
BOWL MIN. DIAMETER	17.750 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	750LB.
ADD STAGE WEIGHT	325LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD -FLG
SUCTION SIZE	12 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.375IN.
MAX. OPERATIONAL P.S.I.	500 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

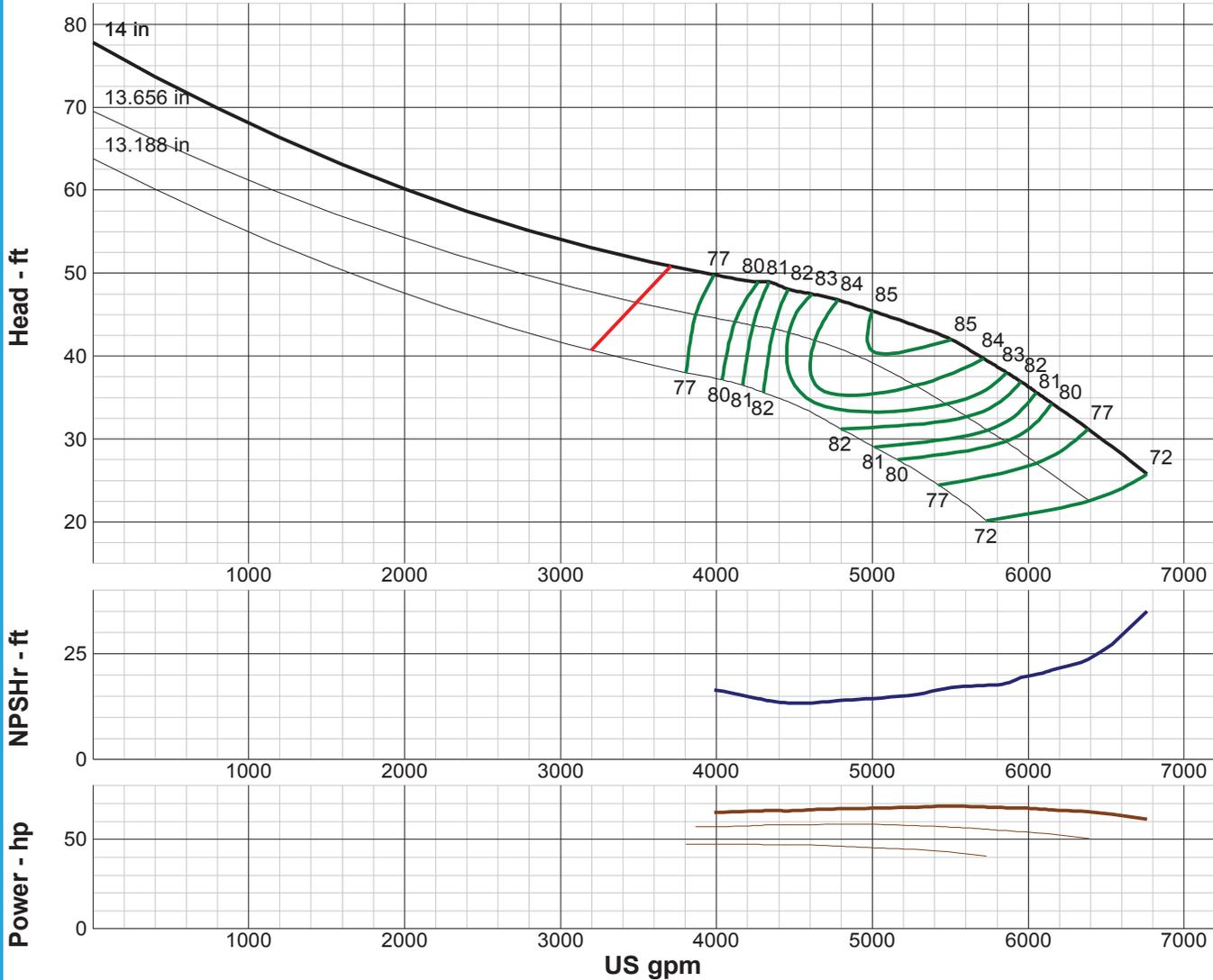


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FHHC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0777	TRIM ANGLE: 30° Minimum submergence above eye of bottom impeller: 48 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=32.00	
EYE AREA	102 SQ. IN.	
WEIGHT	49.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-0.5	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0224
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	LB.
ADD STAGE WEIGHT	LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	18.813 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

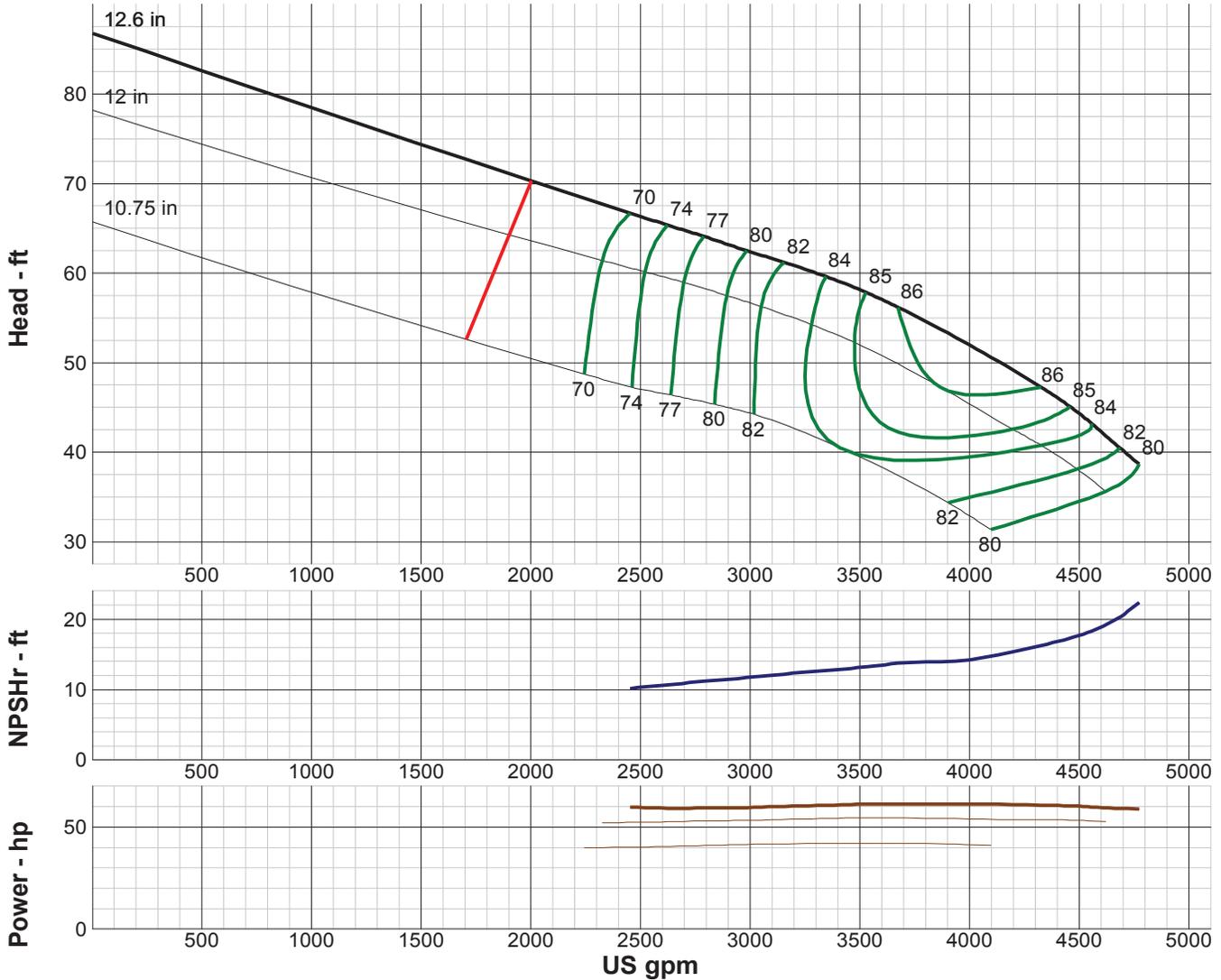


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FMC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	0353	TRIM ANGLE: 26°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 42 IN.
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0358
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

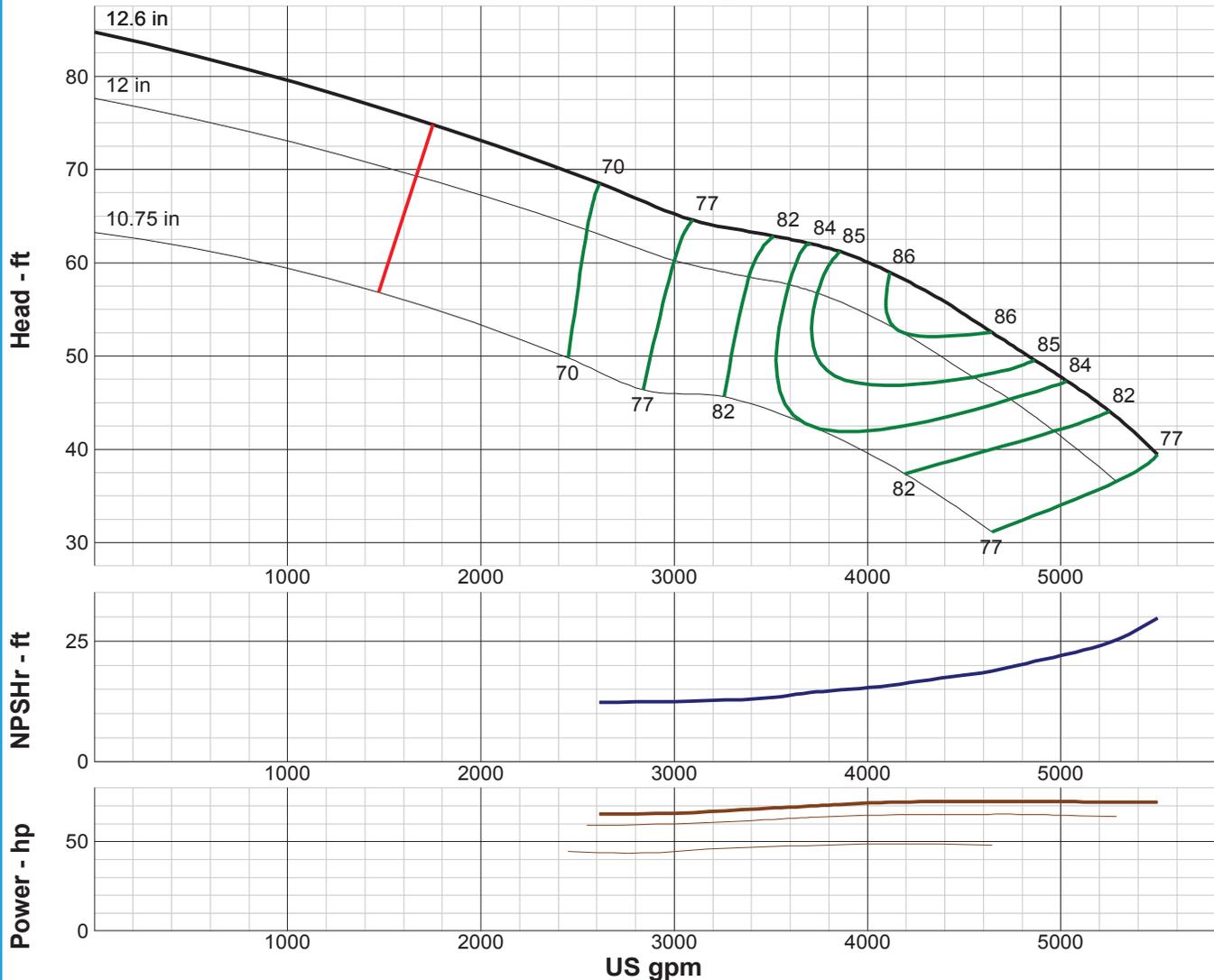


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FHC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0357	TRIM ANGLE: 2° Minimum submergence above eye of bottom impeller: 42 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0358
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

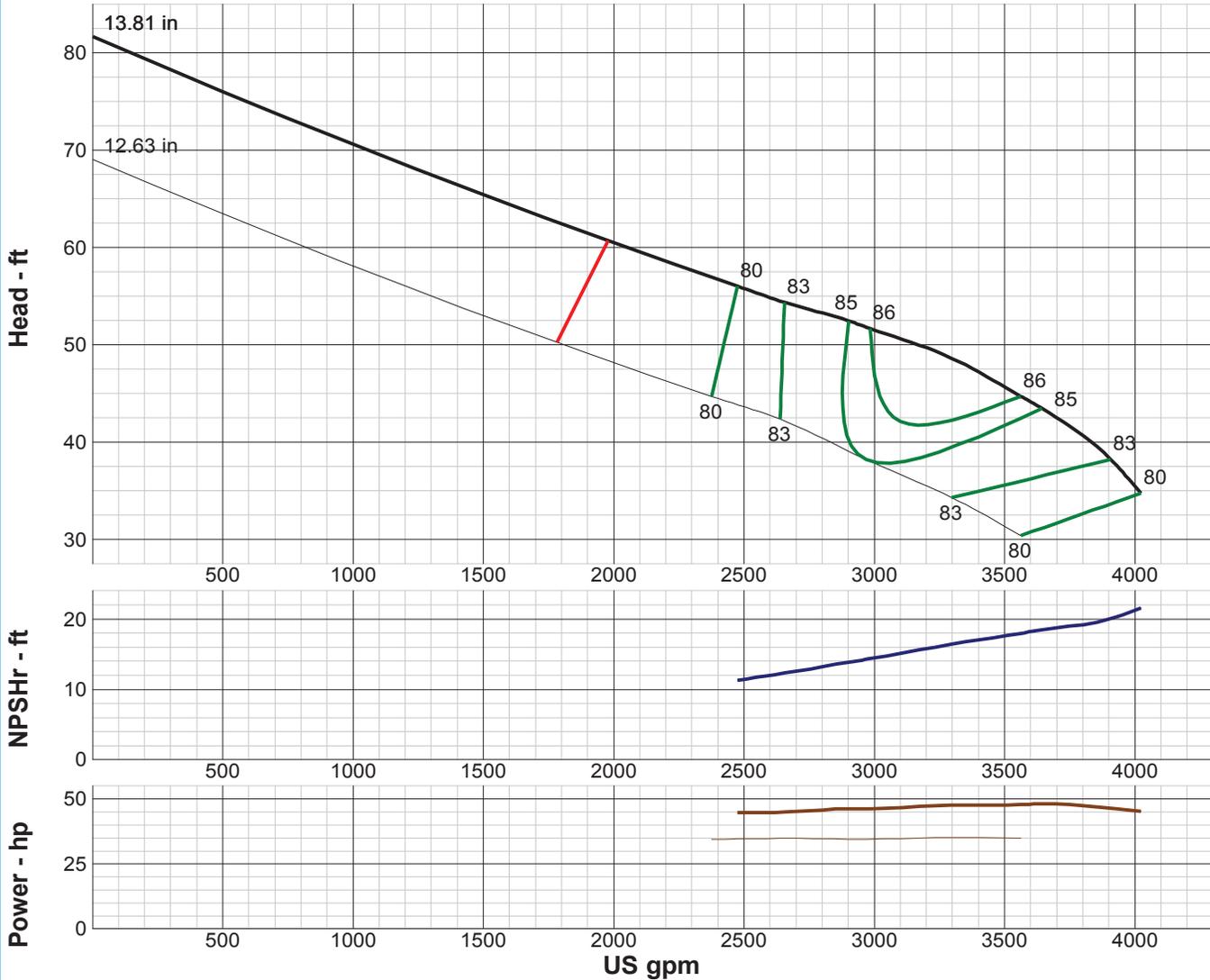


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FLC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	4838	TRIM ANGLE: 27° Minimum submergence above eye of bottom impeller: 33 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=29.40	
EYE AREA	72.6 SQ. IN.	
WEIGHT	69.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3969
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	20.875 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

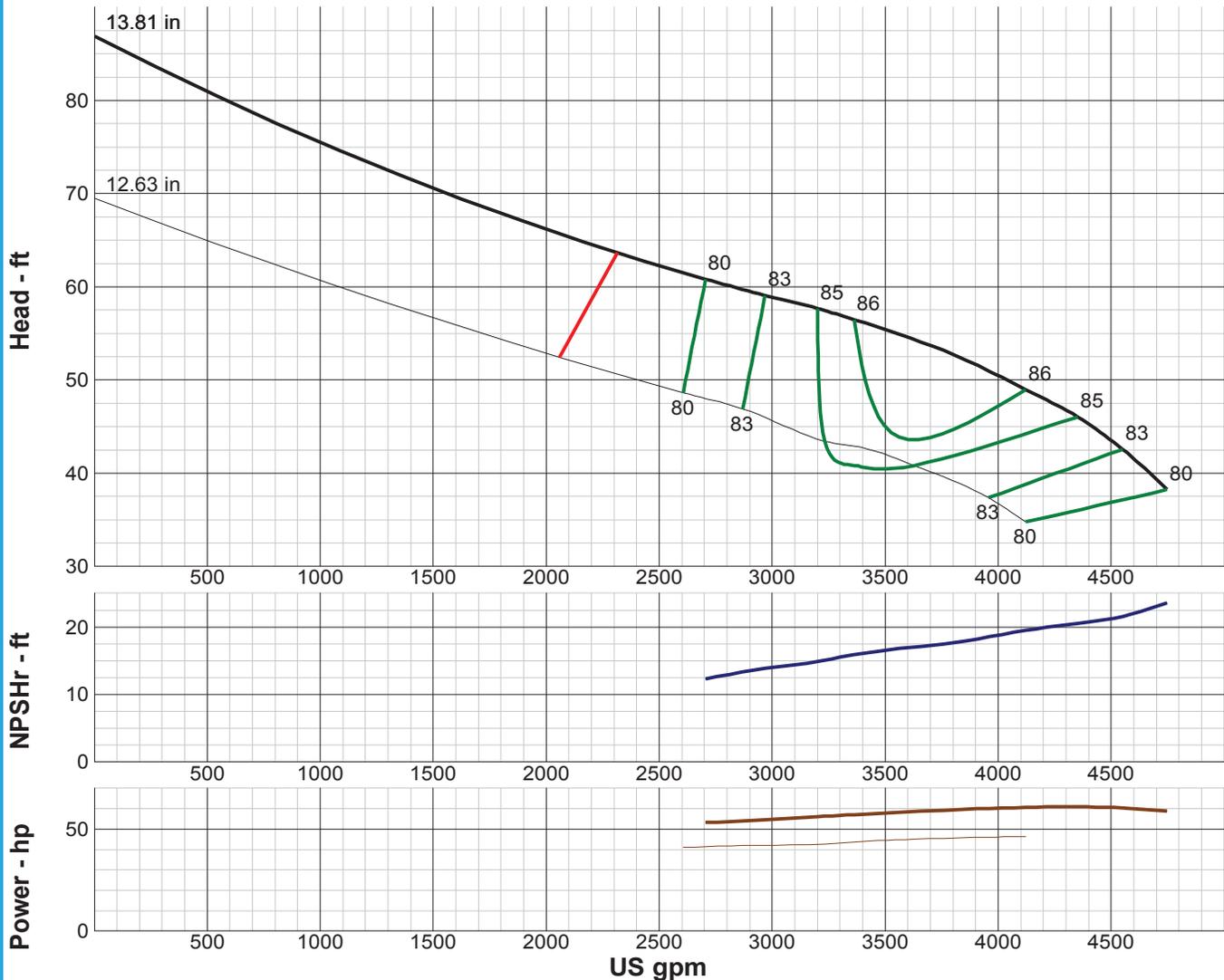


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FMC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	4847	TRIM ANGLE: 27" Minimum submergence above eye of bottom impeller: 33 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=29.40	
EYE AREA	72.6 SQ. IN.	
WEIGHT	69.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3969
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	20.875 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

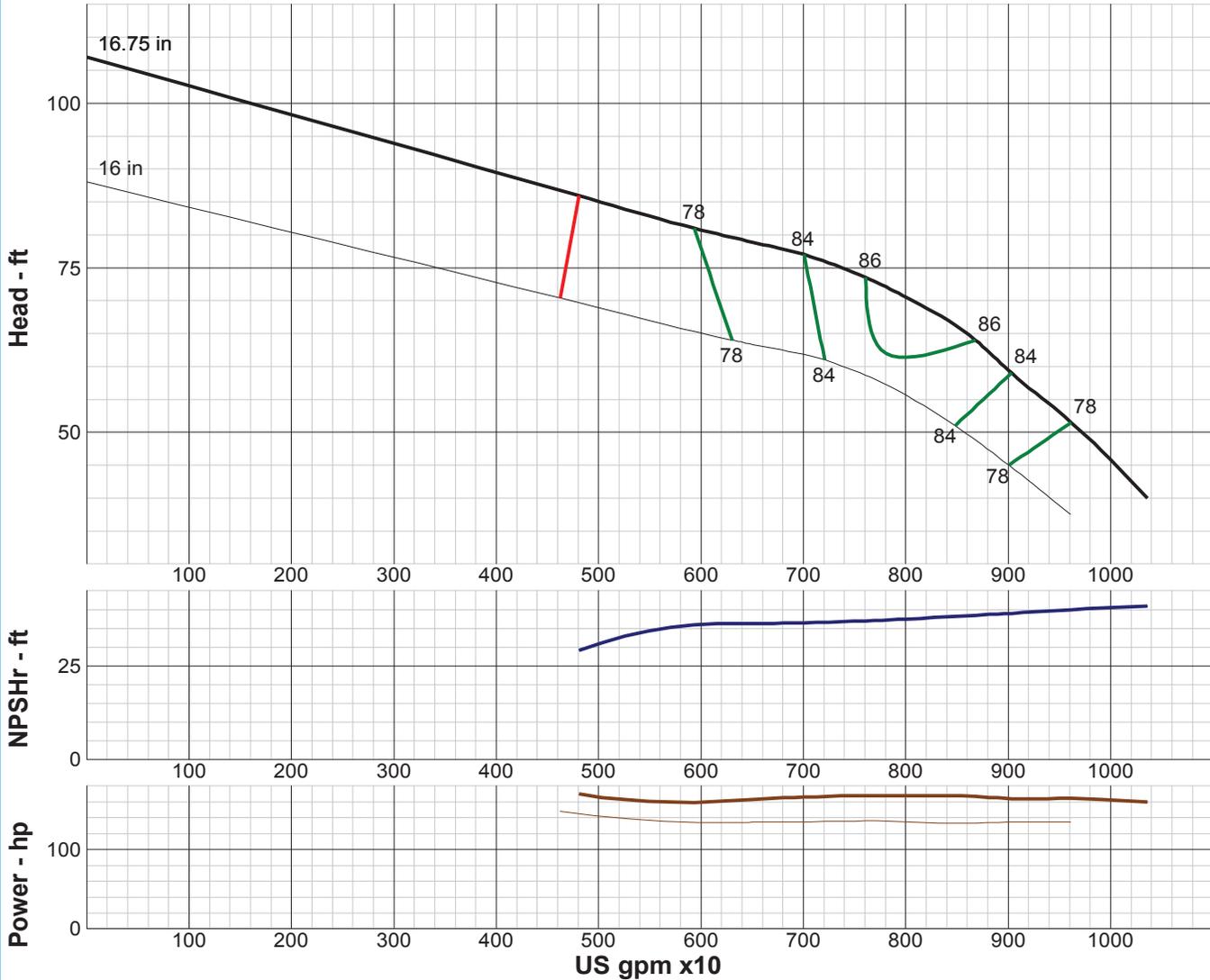


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FHC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	3987	TRIM ANGLE: 27.5° Minimum submergence above eye of bottom impeller: 32 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=58.0	
EYE AREA	113 SQ. IN.	
WEIGHT	94.00 LB.	

FLANGED BOWL DATA

BOWL NUMBER	3996
BOWL MAX. DIAMETER	20.000 IN.
BOWL MIN. DIAMETER	19.750 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	845 LB.
ADD STAGE WEIGHT	560 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	23.313 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-2	-1	0	+1
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

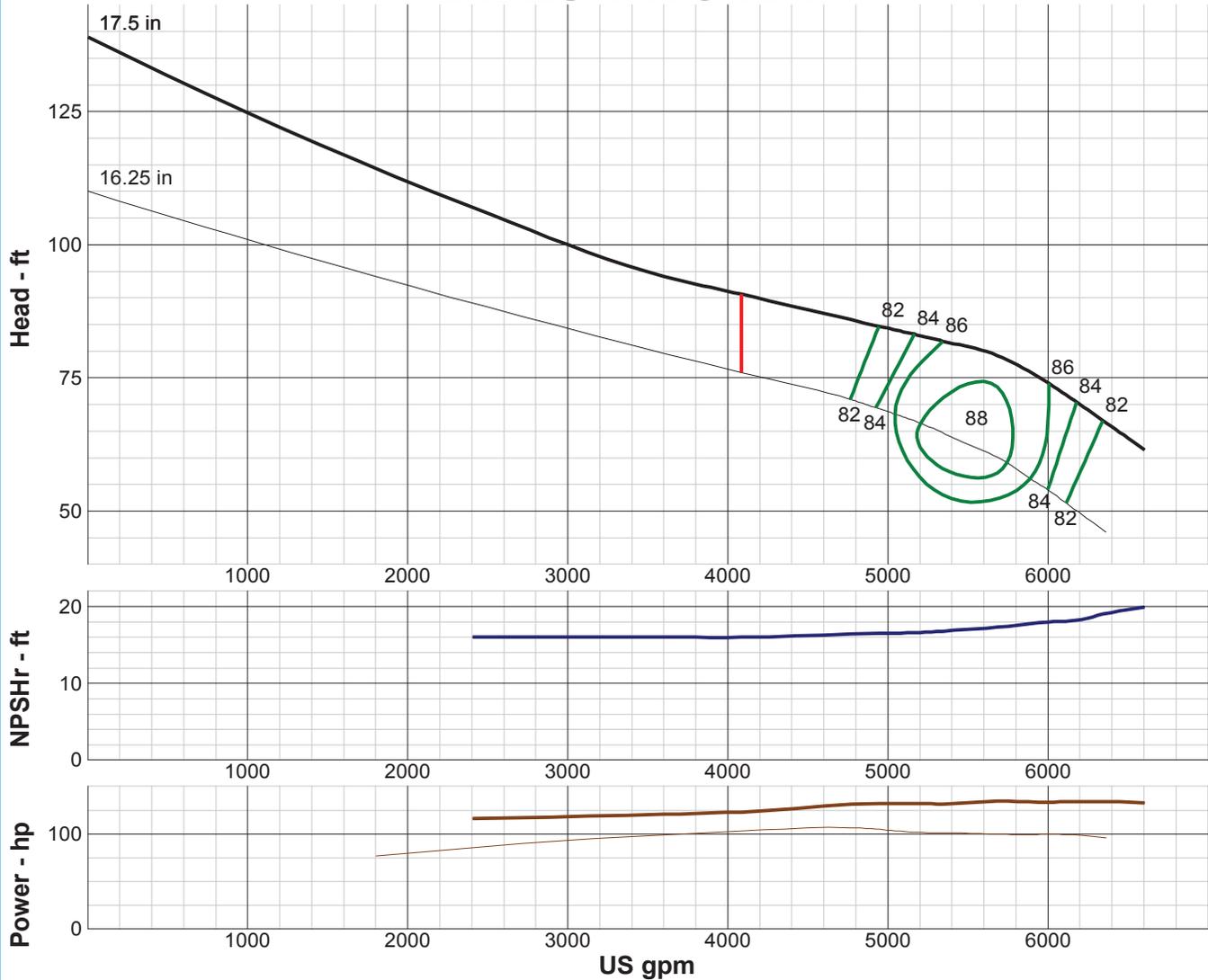


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FLC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	4865	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=41.20	
EYE AREA	93.0 SQ. IN.	
WEIGHT	82.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	5329
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	24.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

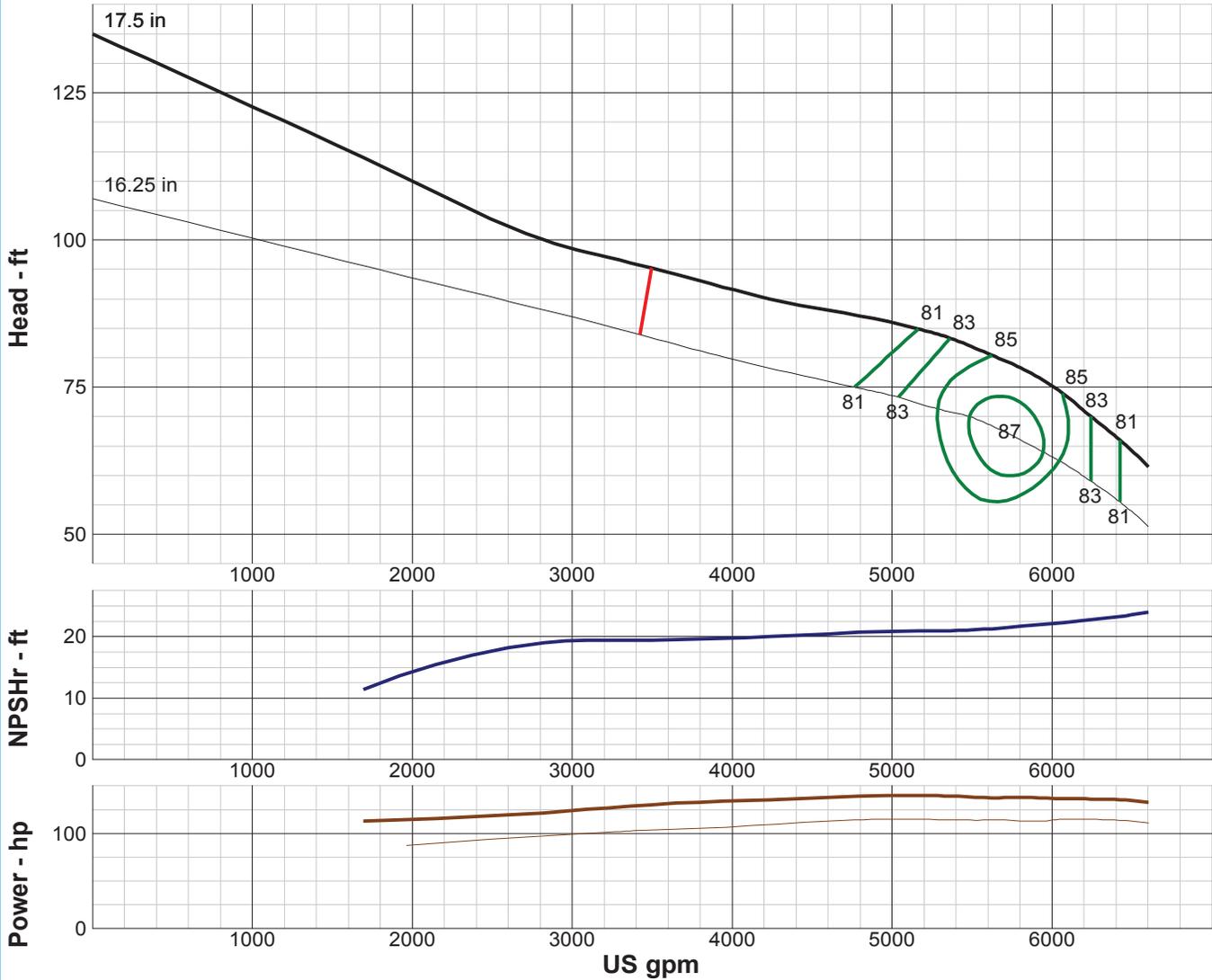


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FMC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	4874	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=41.20	
EYE AREA	93.0 SQ. IN.	
WEIGHT	82.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	5329
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	24.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

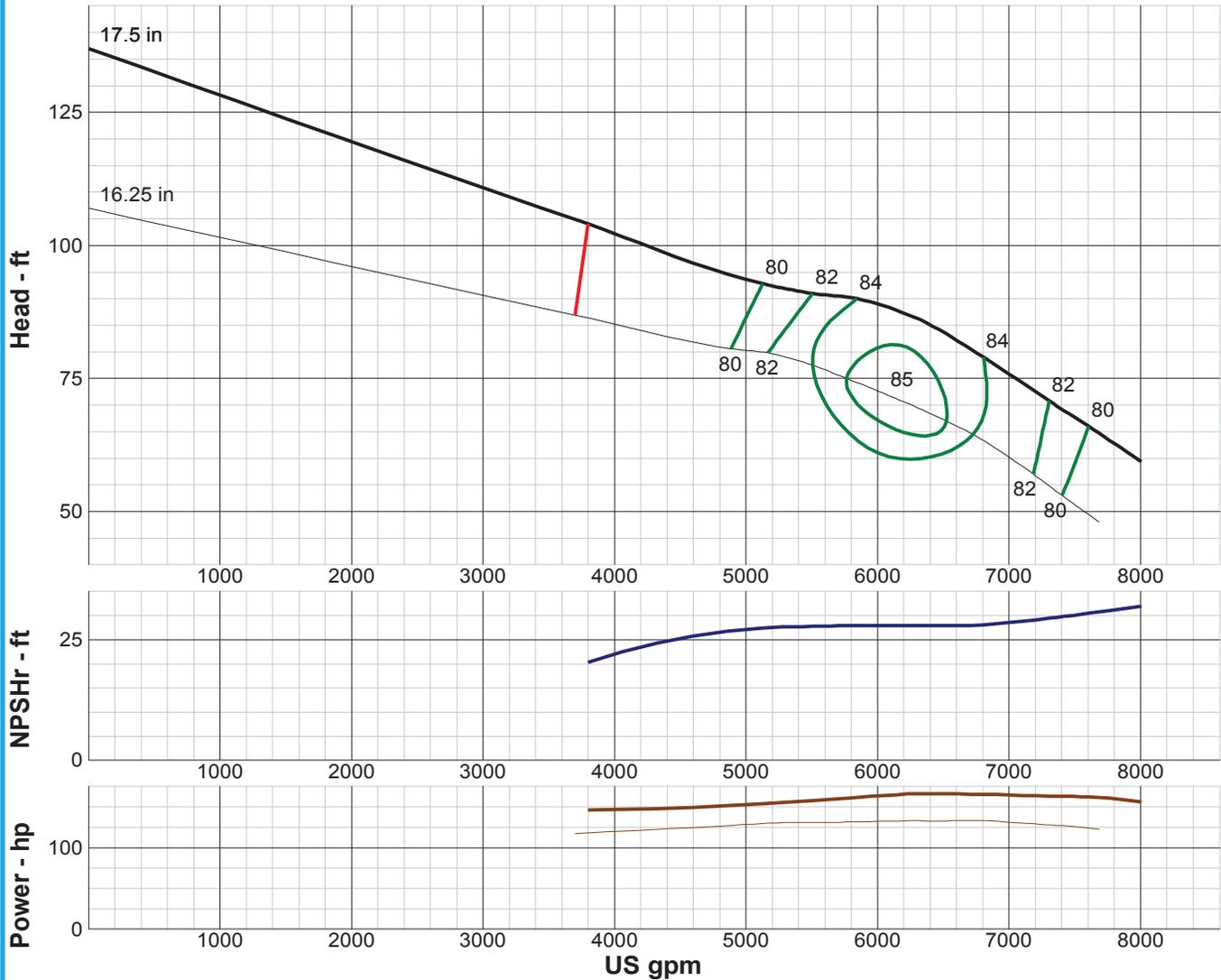


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FHC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	4883	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=41.20	
EYE AREA	93.0 SQ. IN.	
WEIGHT	82.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5329
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	24.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

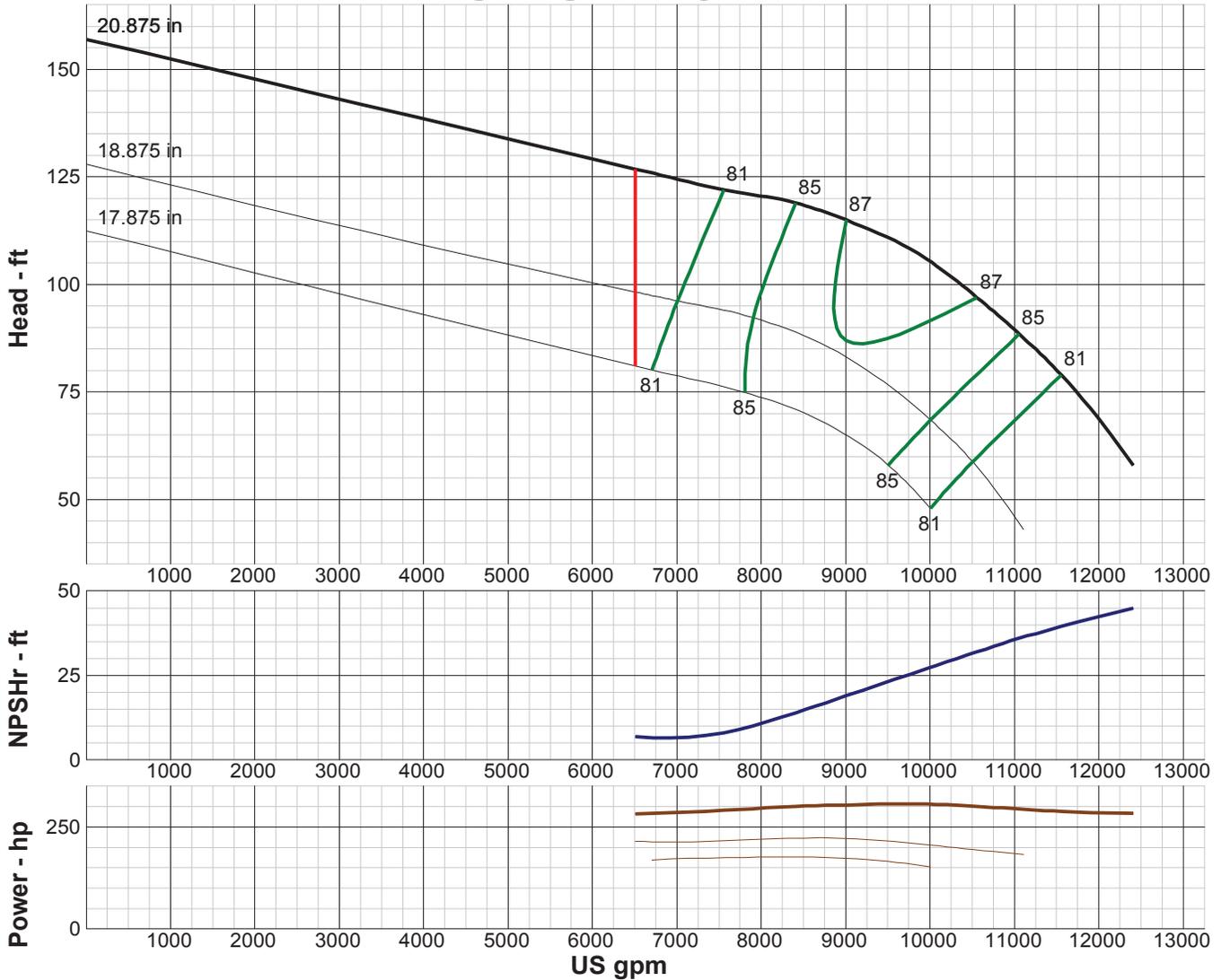


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

28FLC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	4892	TRIM ANGLE: 22.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 56 IN.
THRUST FACTOR	K=61.00	
EYE AREA	133 SQ. IN.	
WEIGHT	255 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-1	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	5338
BOWL MIN. DIAMETER	27.000 IN.
BOWL MIN. DIAMETER	27.000 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	2300 LB.
ADD STAGE WEIGHT	920 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	30.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.750 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

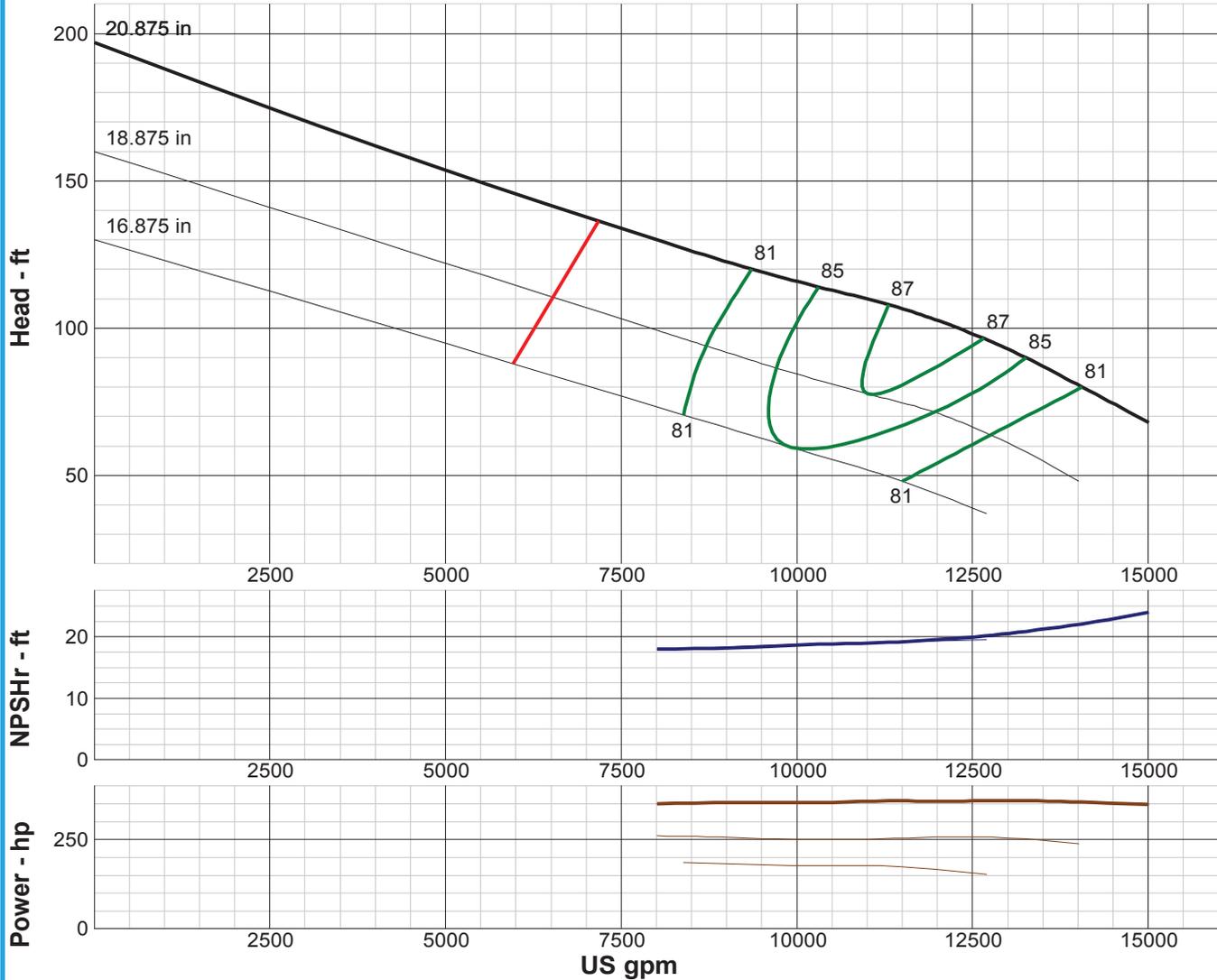


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

28FMC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	4901	TRIM ANGLE: 22.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 60 IN.
THRUST FACTOR	K=61.00	
EYE AREA	133 SQ. IN.	
WEIGHT	255 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-1	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	5338
BOWL MAX. DIAMETER	27.000 IN.
BOWL MIN. DIAMETER	27.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	2300 LB.
ADD STAGE WEIGHT	920 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	30.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.750 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

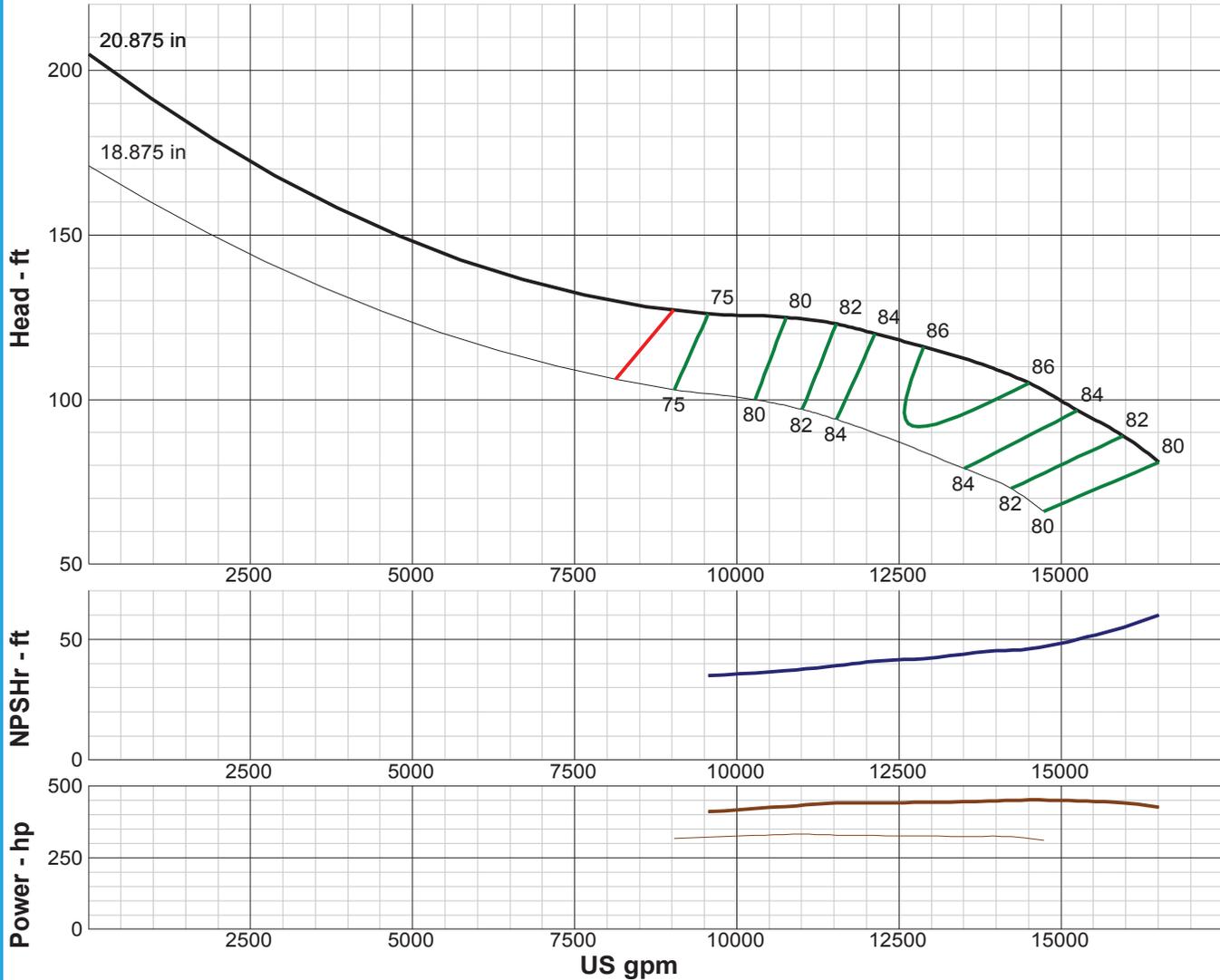


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

28FHC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0104	TRIM ANGLE: 22.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 62 IN.
THRUST FACTOR	K=61.00	
EYE AREA	133 SQ. IN.	
WEIGHT	255 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-1	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	5338
BOWL MAX. DIAMETER	27.000 IN.
BOWL MIN. DIAMETER	27.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	2300 LB.
ADD STAGE WEIGHT	920 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	30.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.750 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

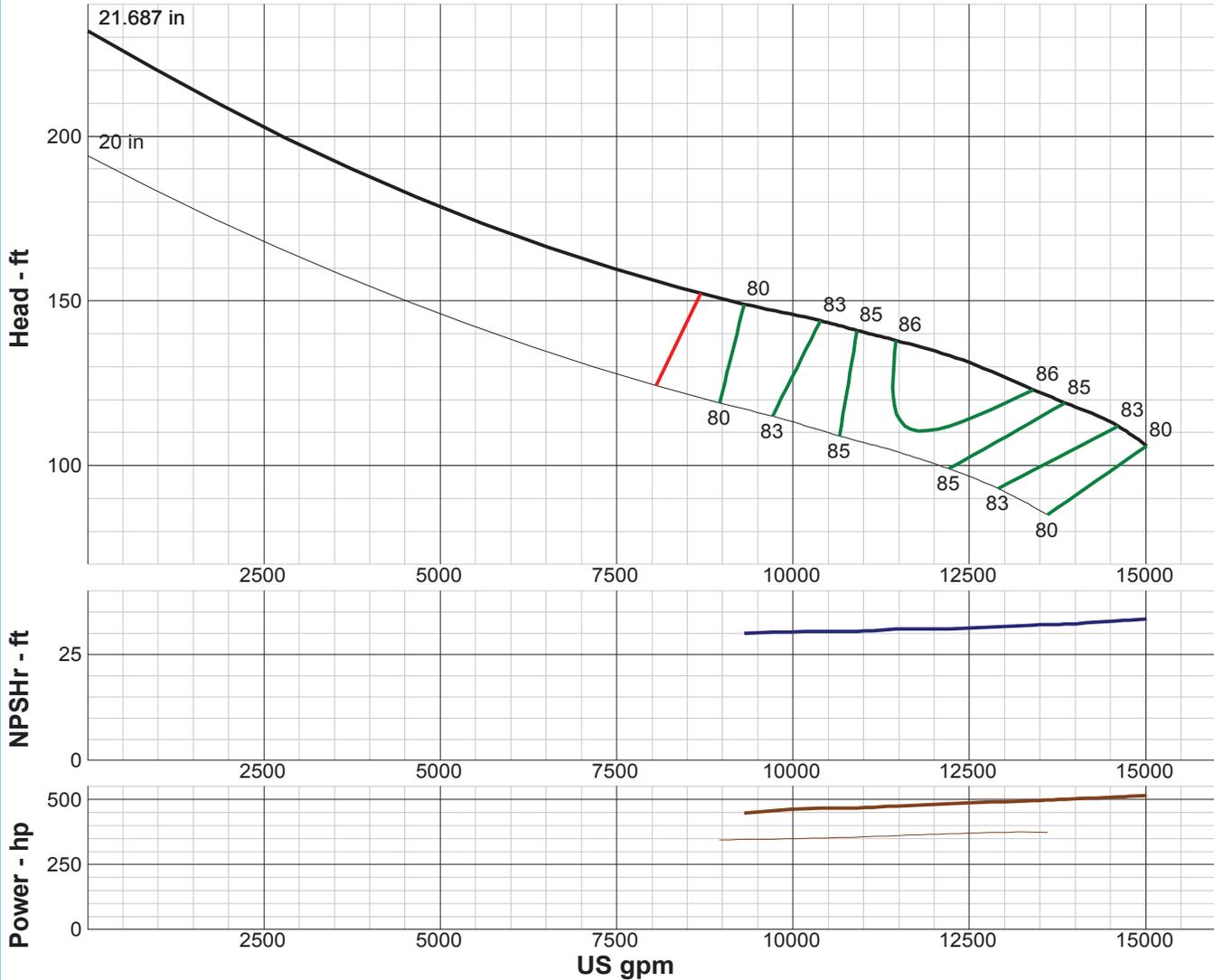


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FLC 1170 RPM



IMPELLER DATA

IMPELLER NUMBER	0192	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 60 IN.
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	0	+1		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

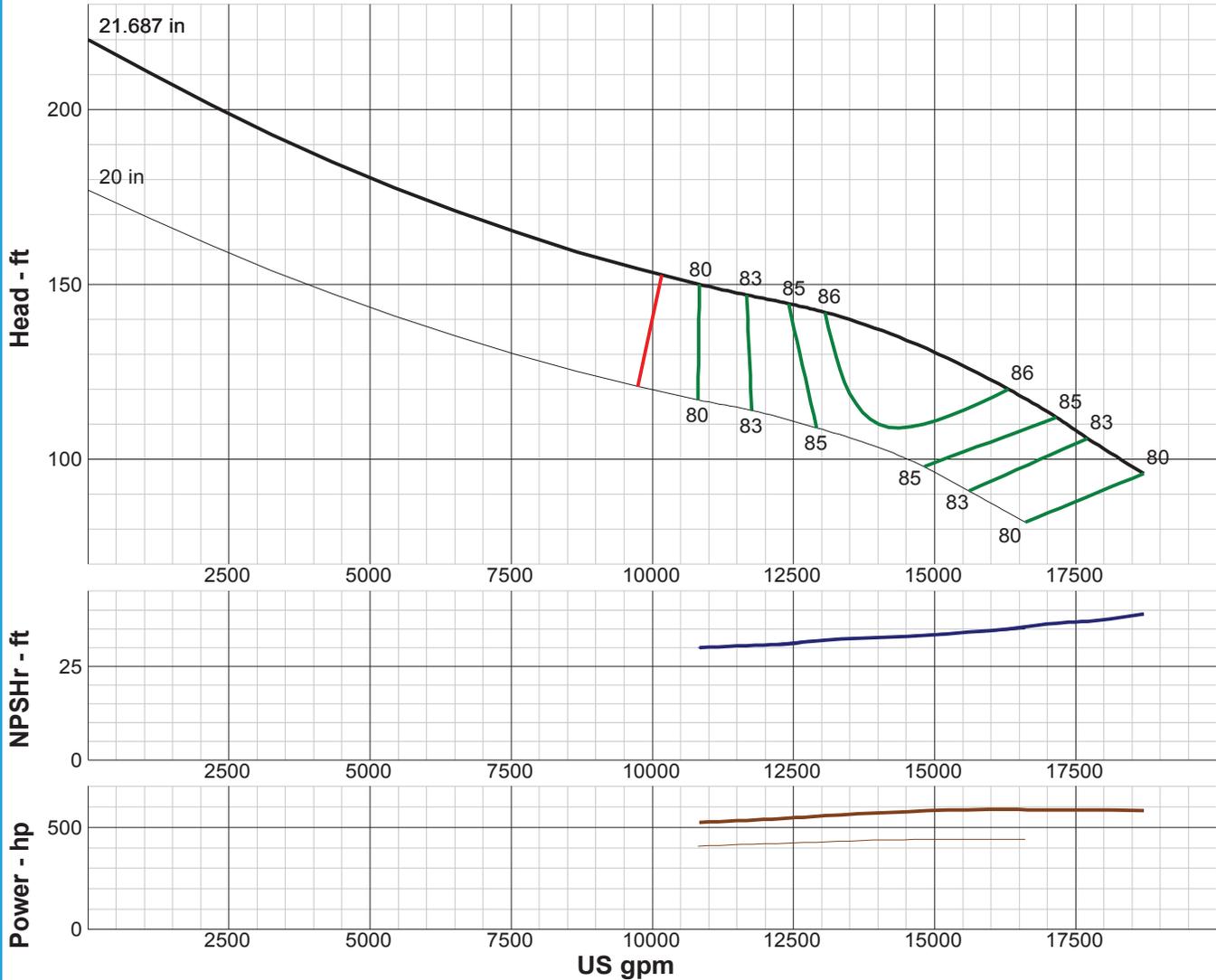


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FMC 1170 RPM



IMPELLER DATA		
IMPELLER NUMBER	0193	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 50 IN.
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

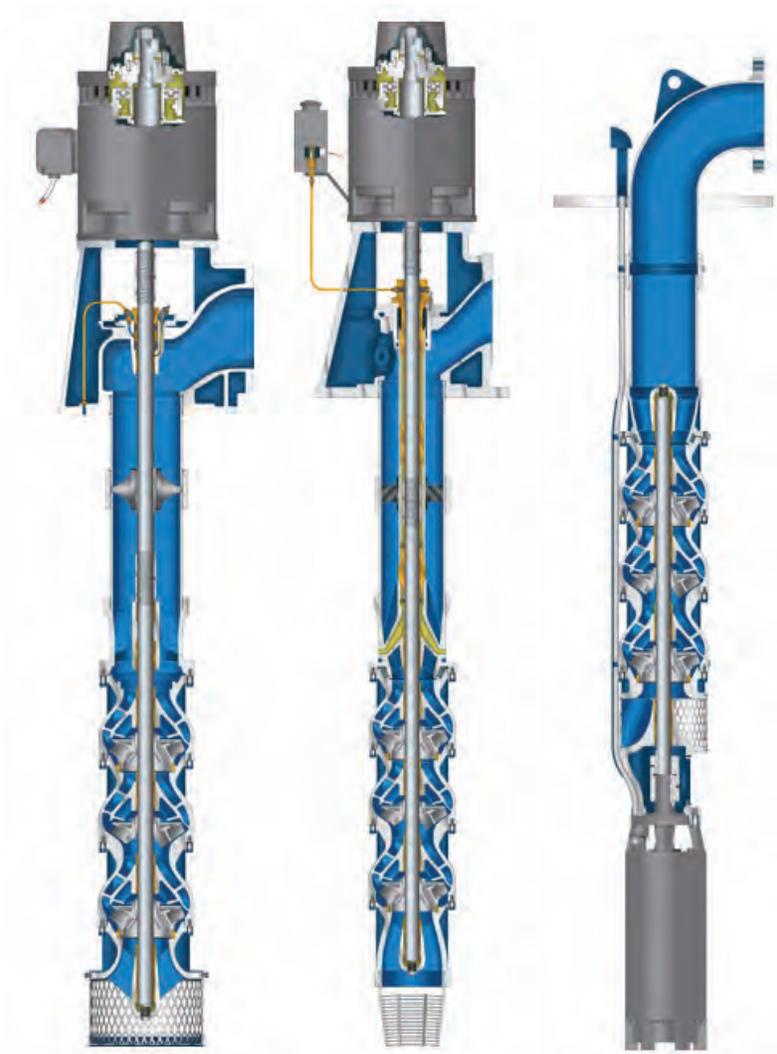
FLANGED BOWL DATA	
BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	BELL
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

PERFORMANCE CURVES

LINESHAFT & SUBMERSIBLE

880 RPM



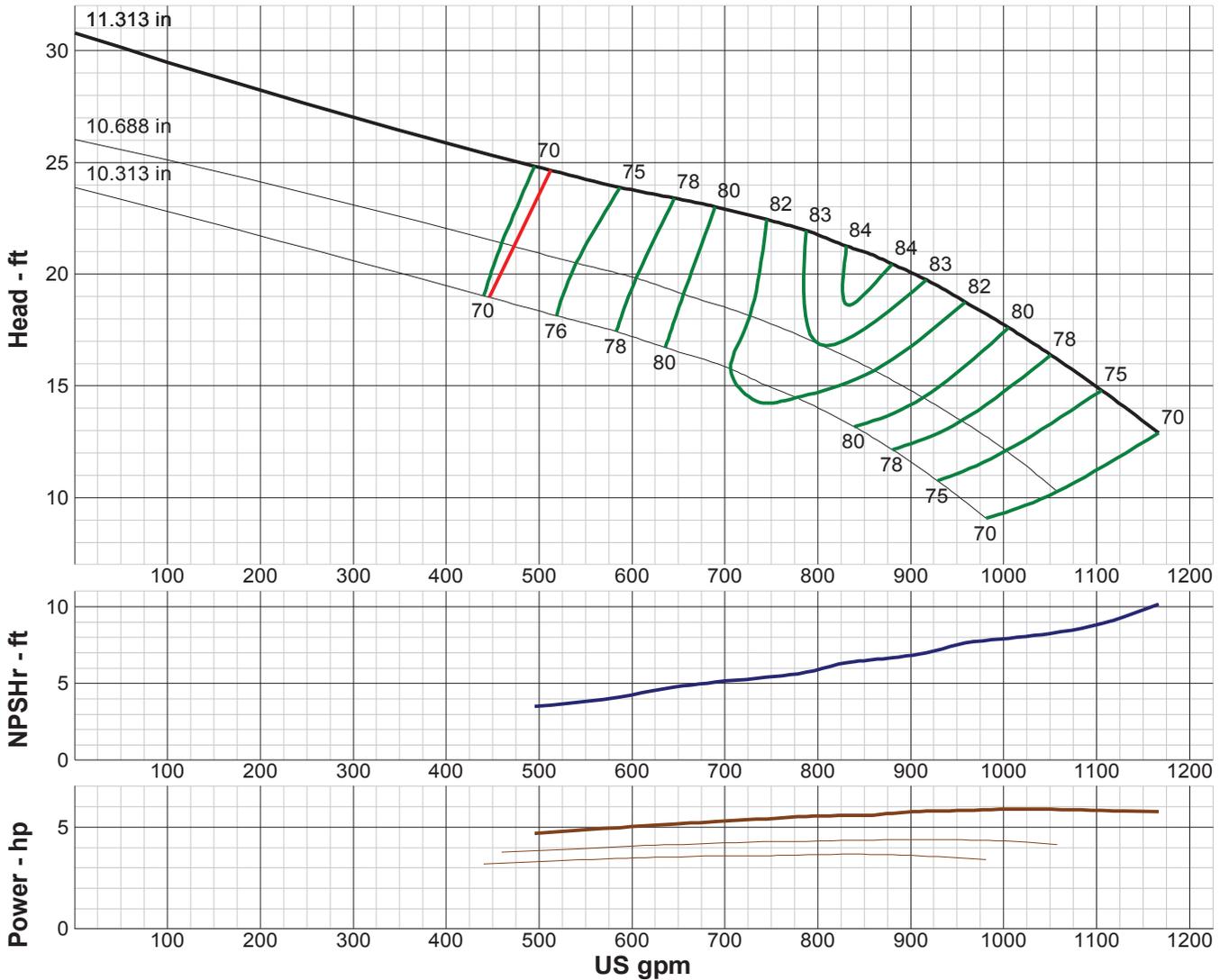


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	3105	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=17.20	
EYE AREA	31.5 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3106
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	27
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

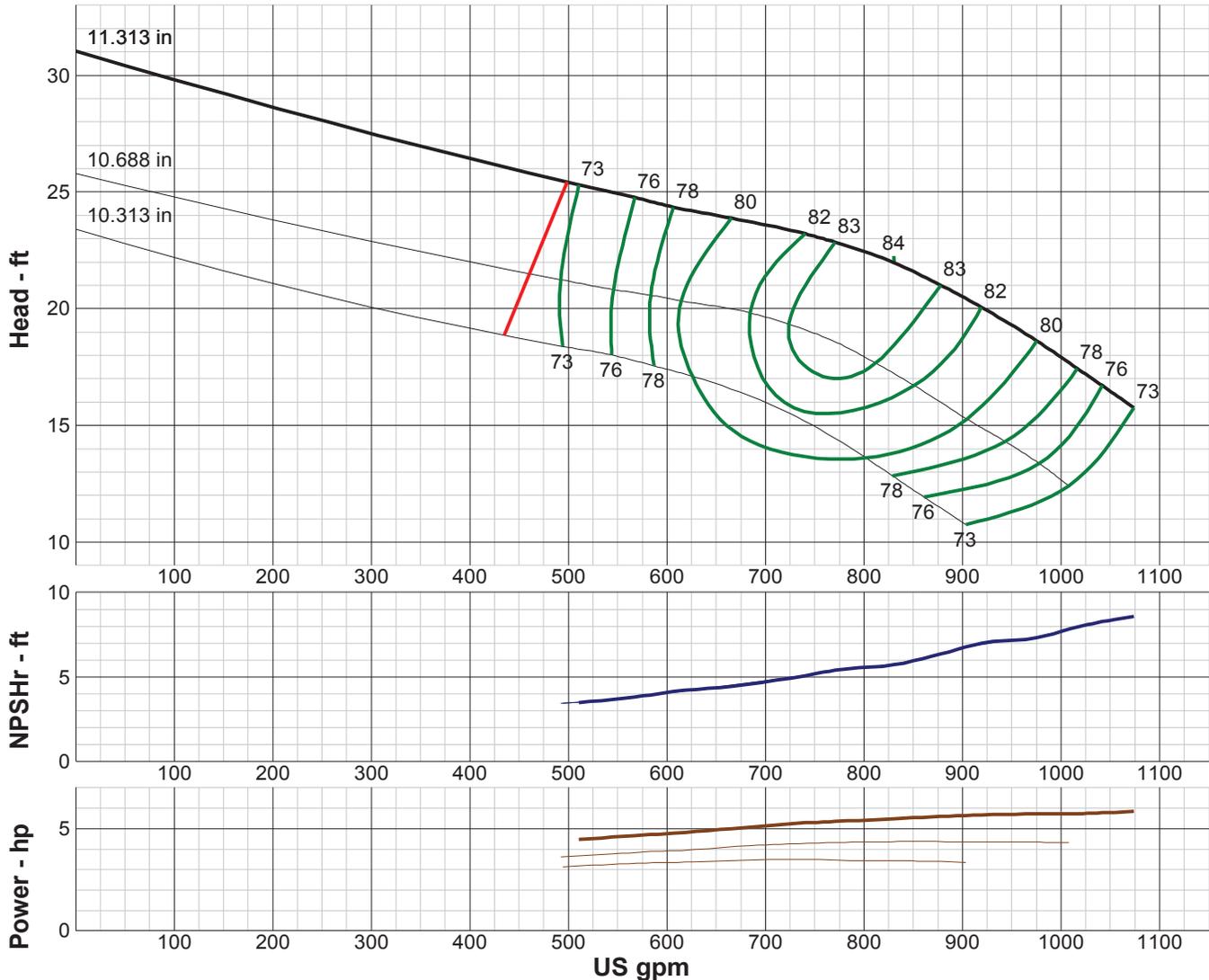


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLS 860 RPM



IMPELLER DATA

IMPELLER NUMBER	3107	TRIM ANGLE: 23°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=19.70	
EYE AREA	31.5 SQ. IN.	
WEIGHT	18.50 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3106
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	0.750 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

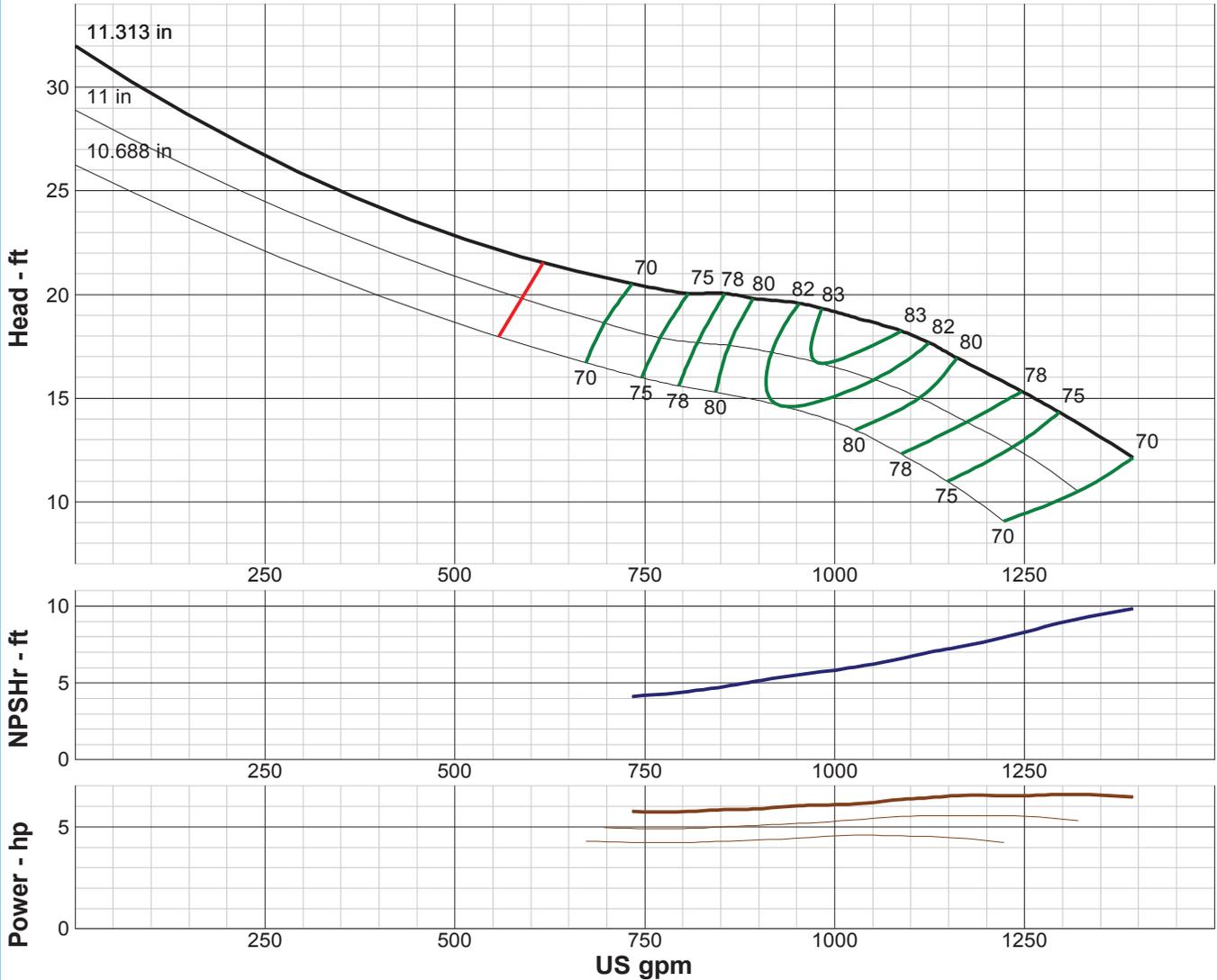


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	3065	TRIM ANGLE: 30°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

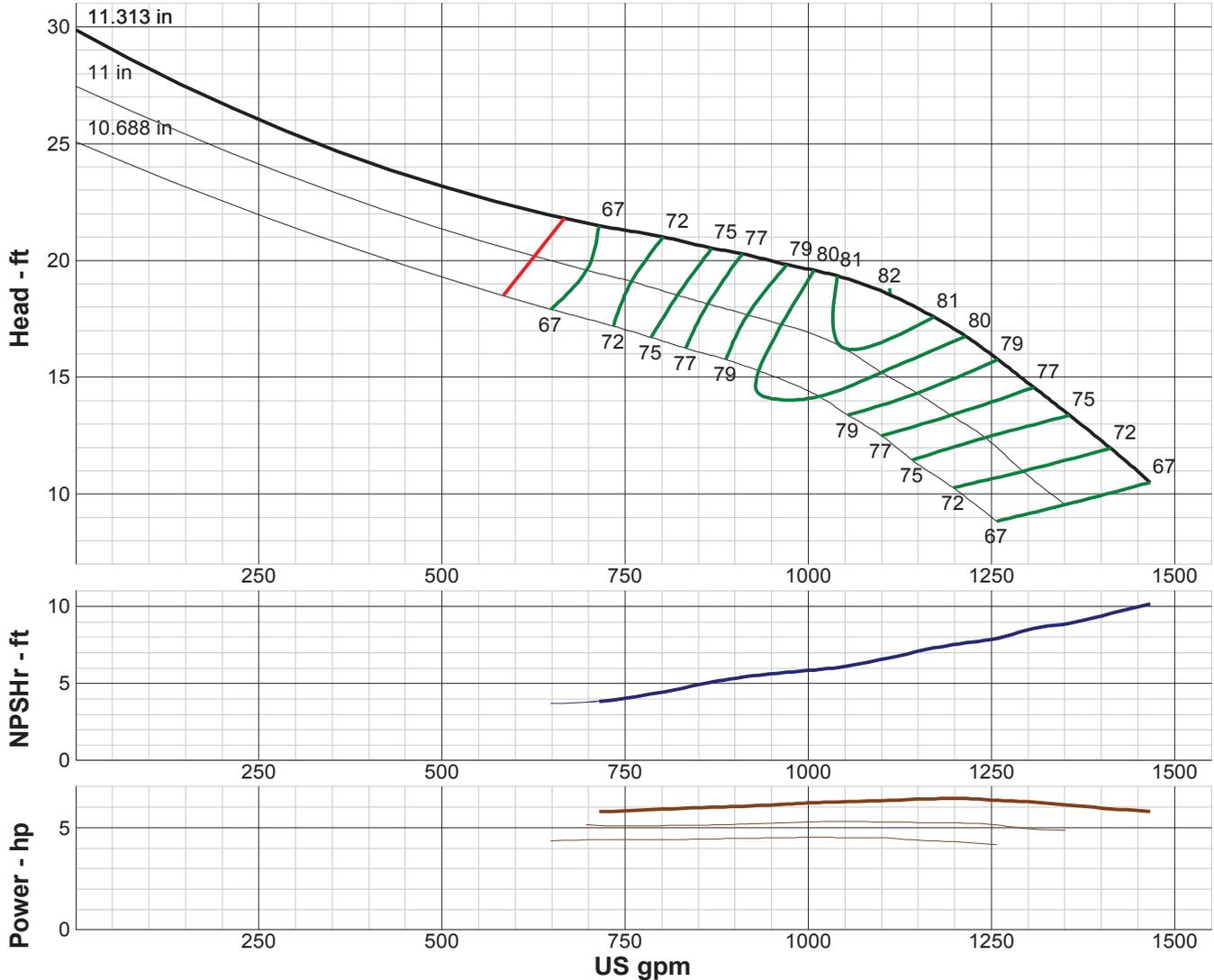


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMS 860 RPM



IMPELLER DATA		
IMPELLER NUMBER	3078	TRIM ANGLE: 30°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 30 IN.
THRUST FACTOR	K=23.40	
EYE AREA	40.9 SQ. IN.	
WEIGHT	20.25 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

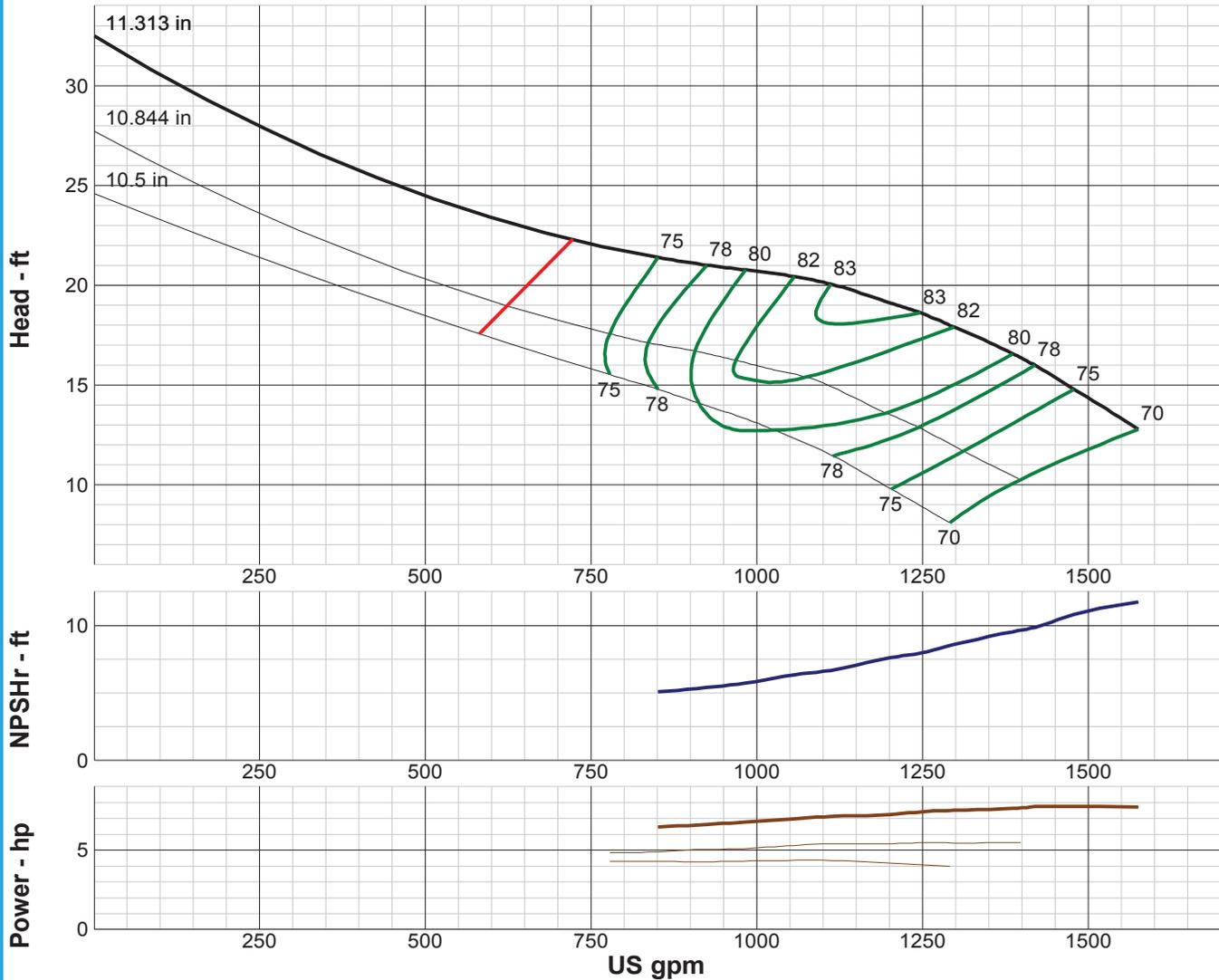


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHC 860 RPM



IMPELLER DATA

IMPELLER NUMBER	3029	TRIM ANGLE: 32.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	30.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

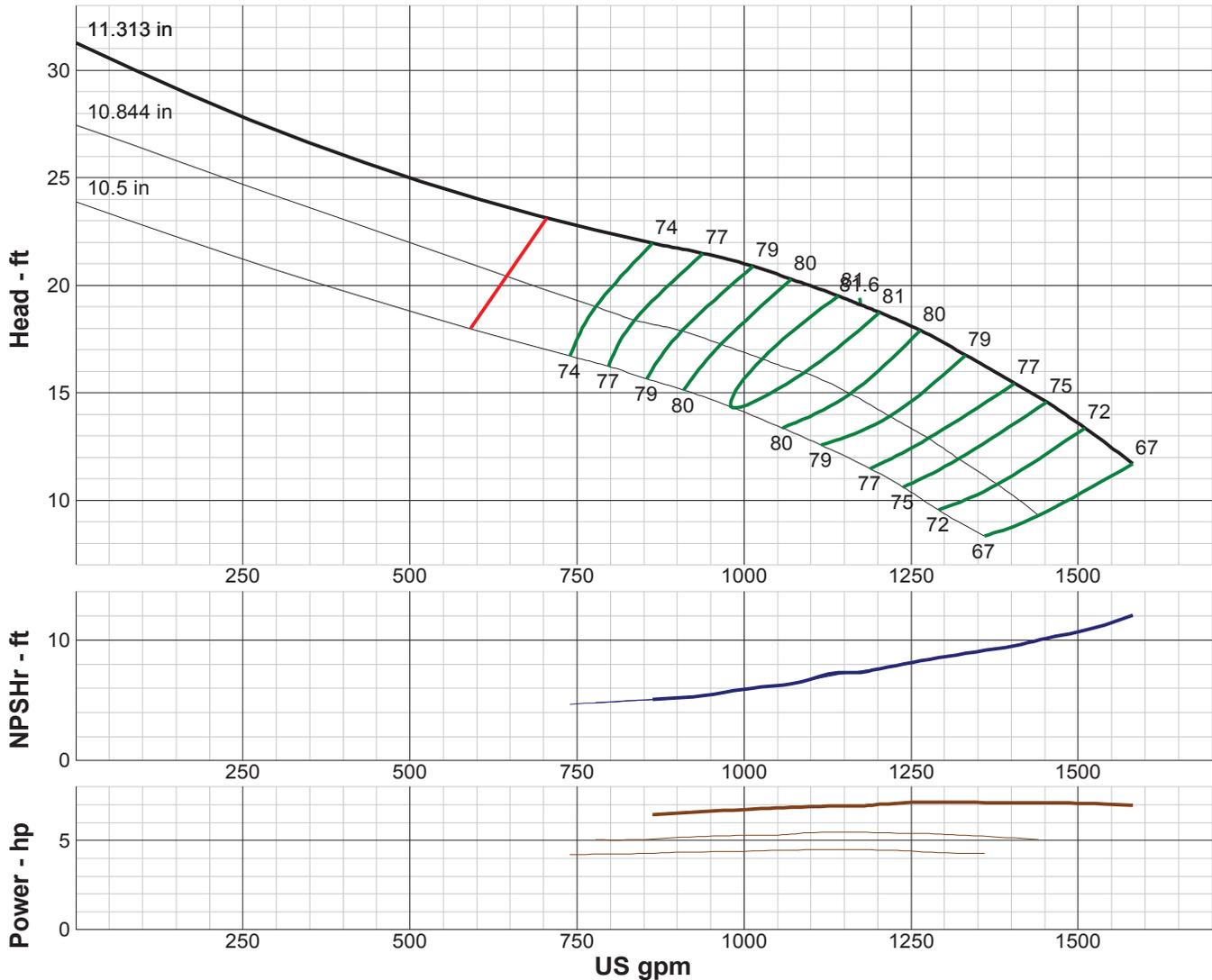


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHS 860 RPM



IMPELLER DATA		
IMPELLER NUMBER	3029	TRIM ANGLE: 32.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=25.20	
EYE AREA	43.9 SQ. IN.	
WEIGHT	21.25 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

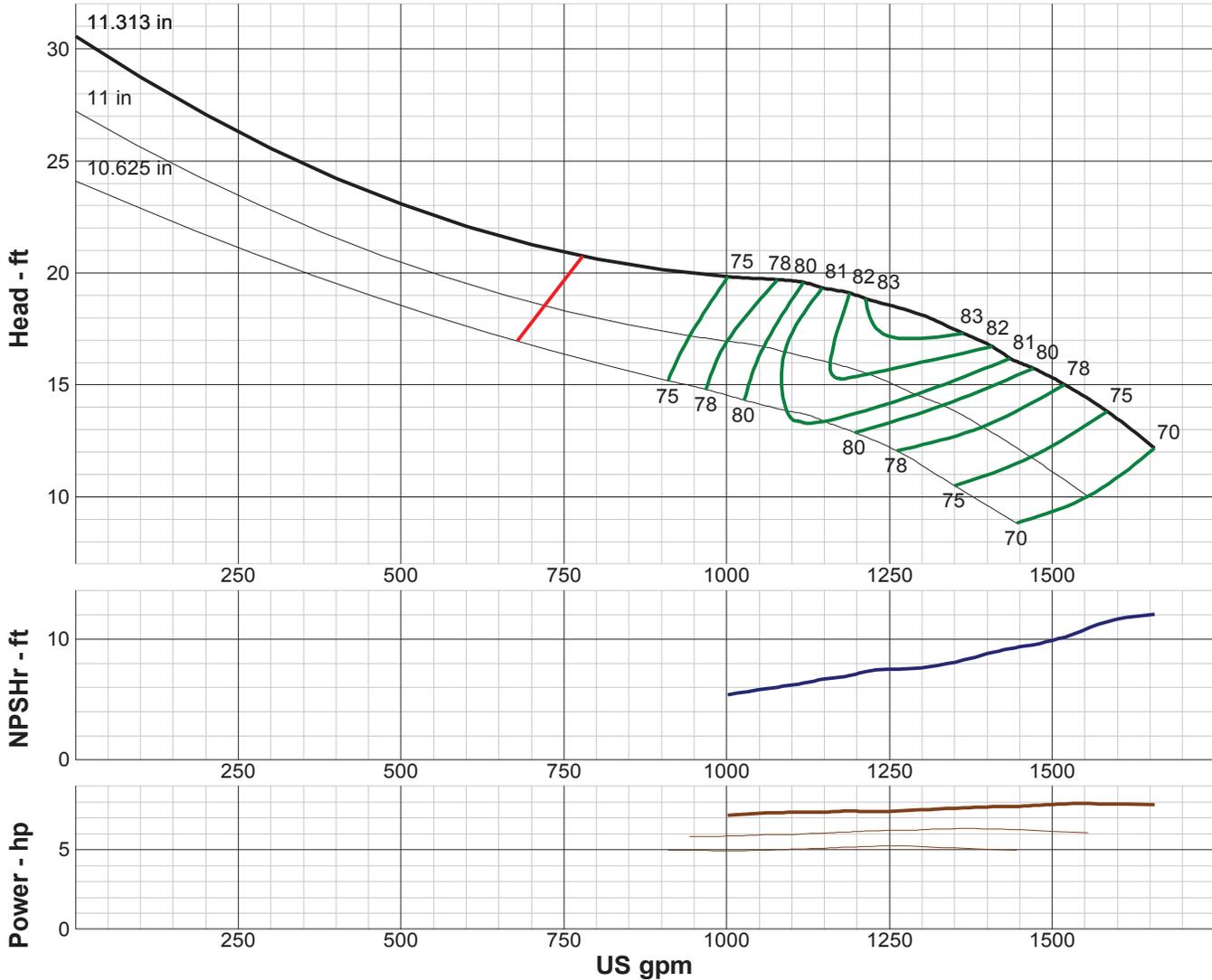


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FXC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	3086	TRIM ANGLE: 32.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=21.80	
EYE AREA	40.9 SQ. IN.	
WEIGHT	29.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

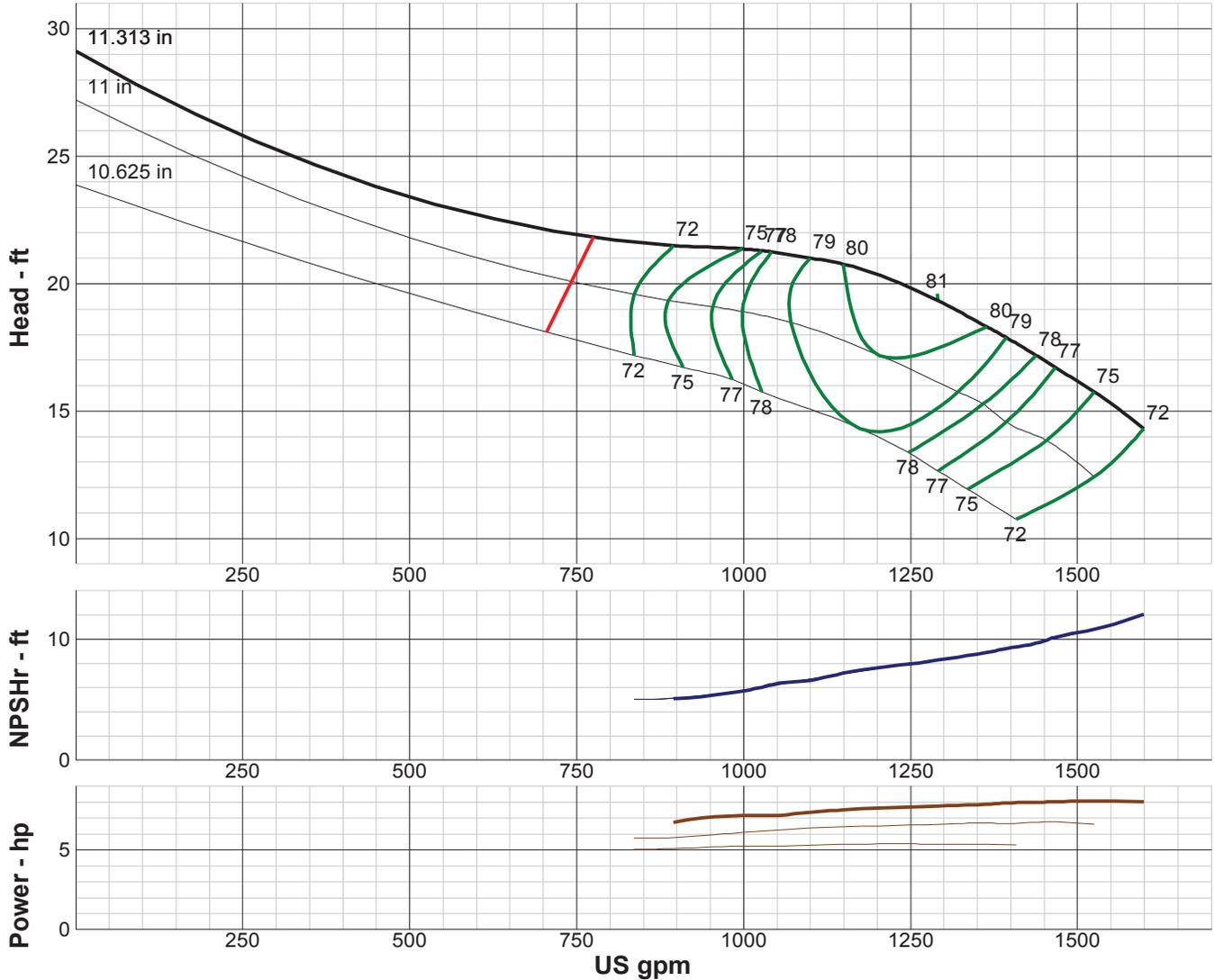


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FXS 860 RPM



IMPELLER DATA		
IMPELLER NUMBER	3092	TRIM ANGLE: 32.5°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=23.40	
EYE AREA	40.9 SQ. IN.	
WEIGHT	20.25 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

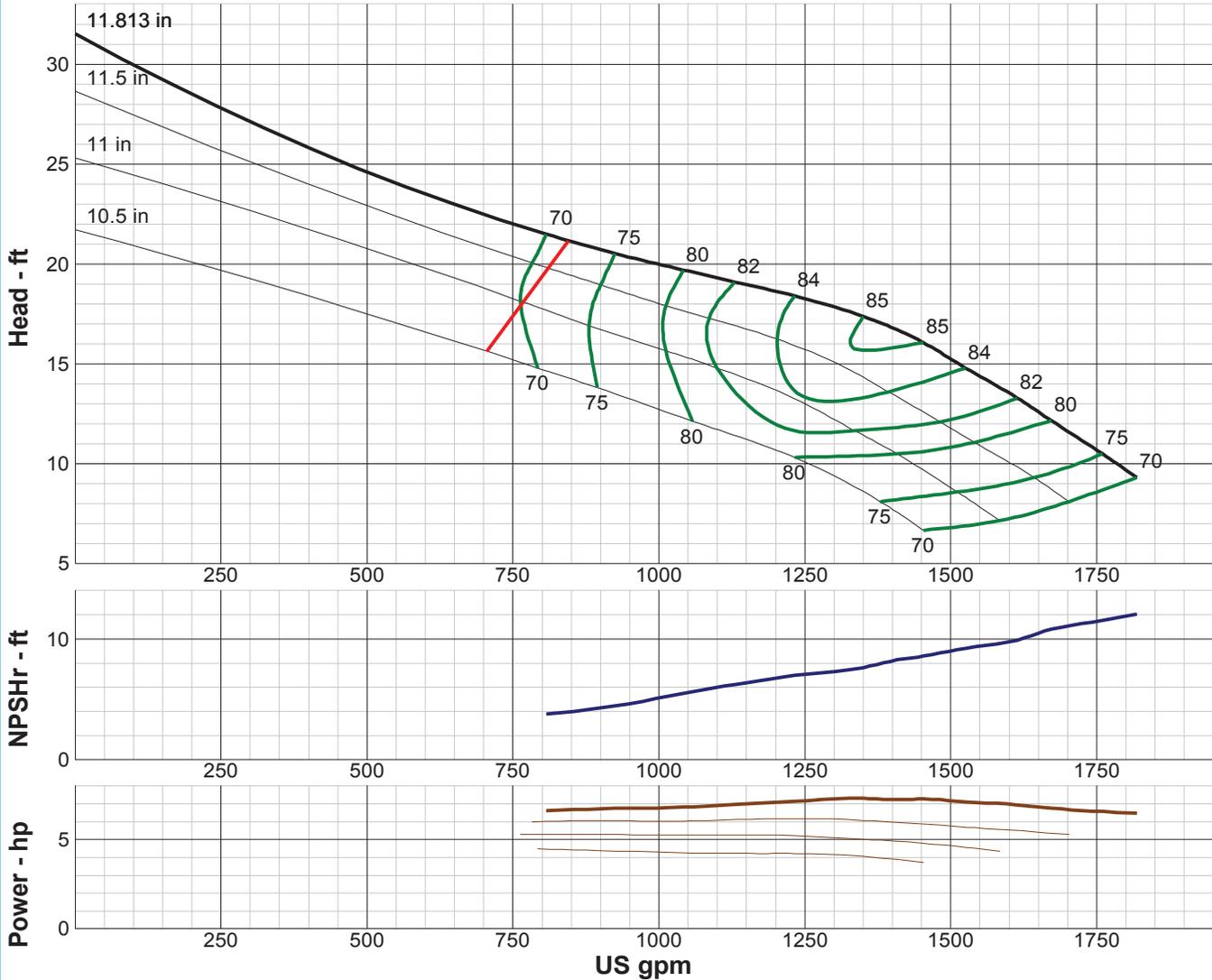


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FWC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	4151	TRIM ANGLE: 35° Minimum submergence above eye of bottom impeller: 34 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=24.80	
EYE AREA	47.4 SQ. IN.	
WEIGHT	31.75 LB.	

FLANGED BOWL DATA	
BOWL NUMBER	4152
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.750 IN.
MAX. NO. STAGES	21
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD -FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

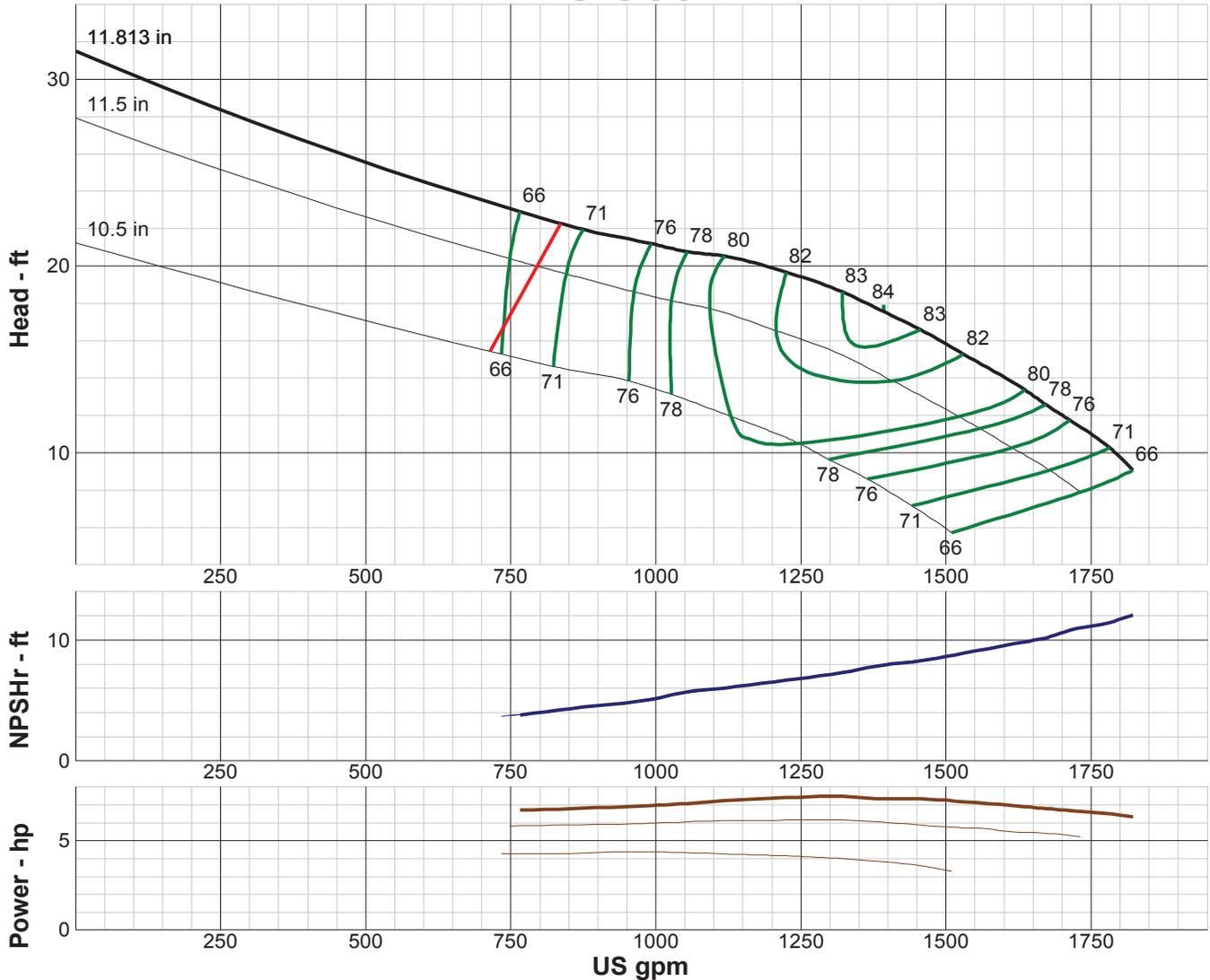


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FWS 860 RPM



IMPELLER DATA

IMPELLER NUMBER	4153	TRIM ANGLE: 35°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 34 IN.
THRUST FACTOR	K=26.20	
EYE AREA	47.3 SQ. IN.	
WEIGHT	23.25 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	4152
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.500 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

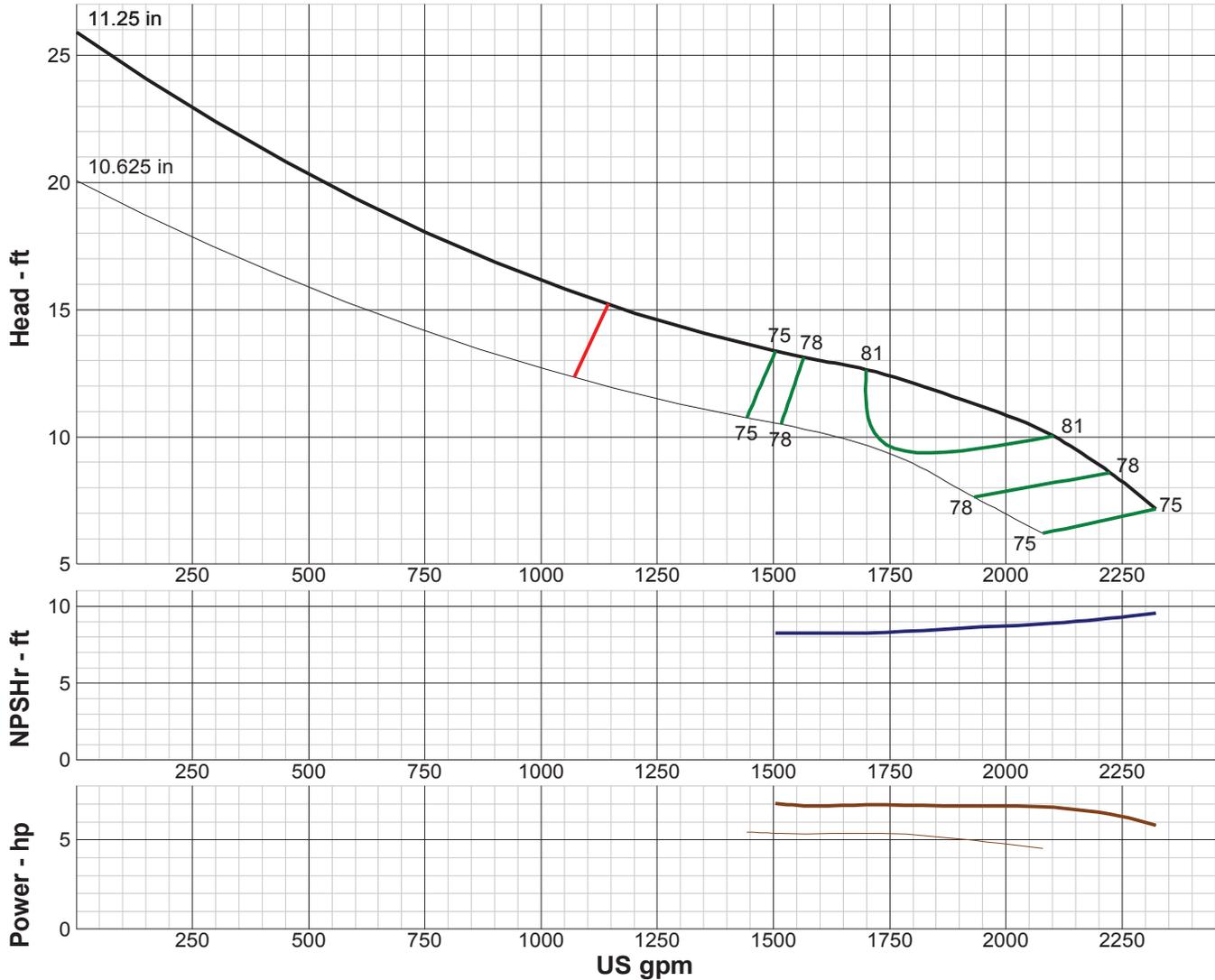


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FYC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	3878	TRIM ANGLE: 35° Minimum submergence above eye of bottom impeller: 34 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=24.00	
EYE AREA	57.0 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.635 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

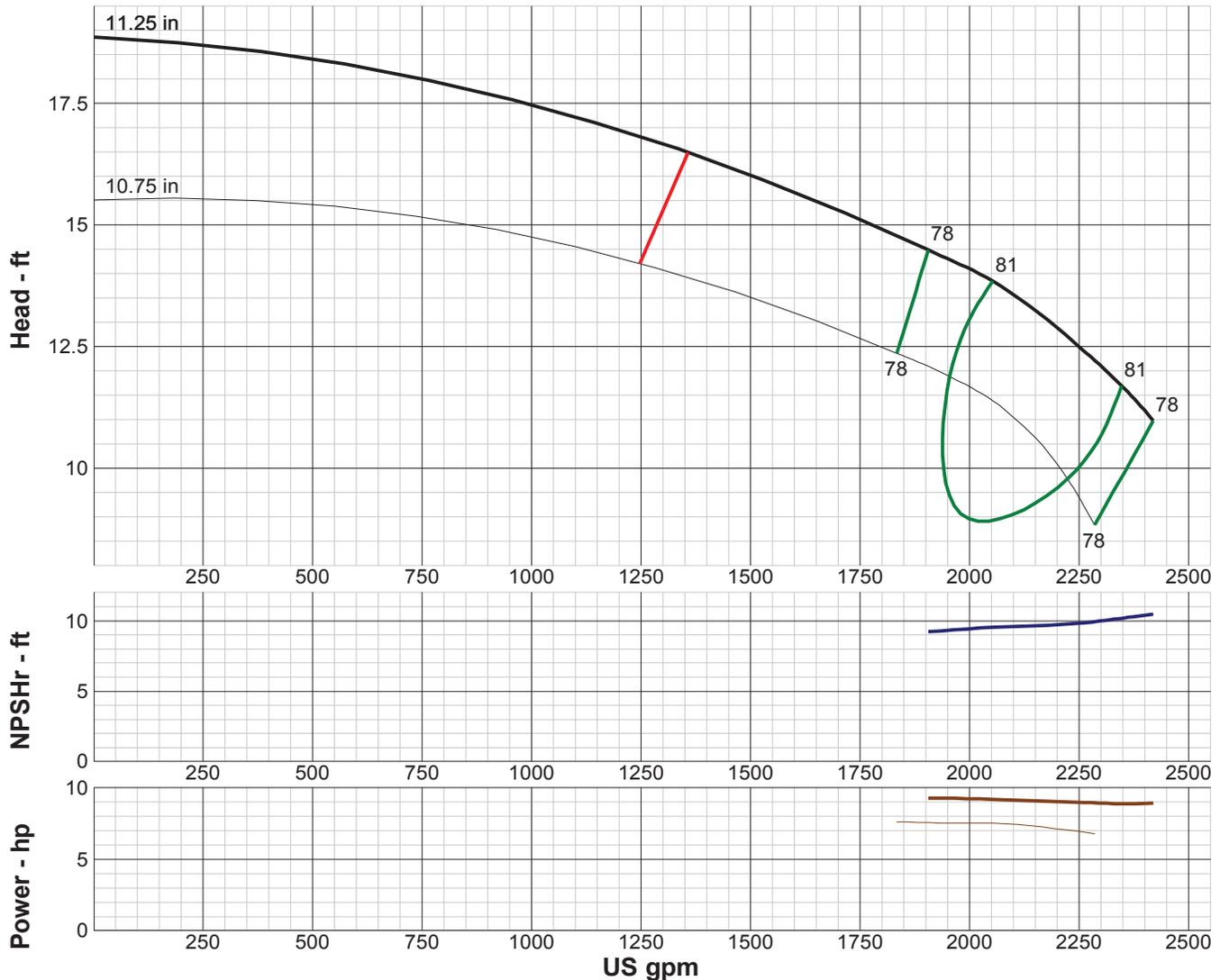


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FZC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	3896	TRIM ANGLE: 35° Minimum submergence above eye of bottom impeller: 34 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=24.70	
EYE AREA	58.5 SQ. IN.	
WEIGHT	28.00 LB.	

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

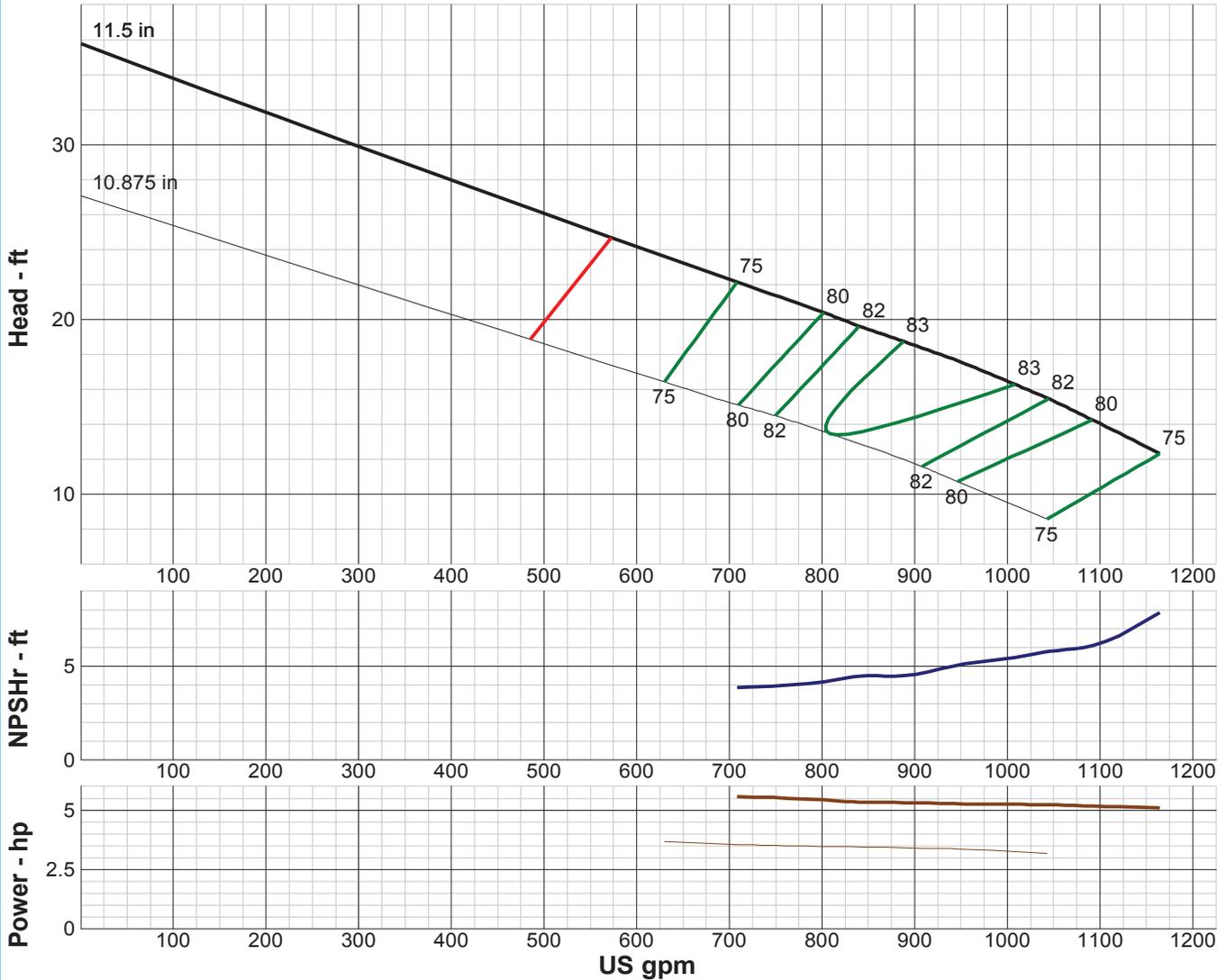


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FLCR 870 RPM



IMPELLER DATA

IMPELLER NUMBER	0098	TRIM ANGLE: 31°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

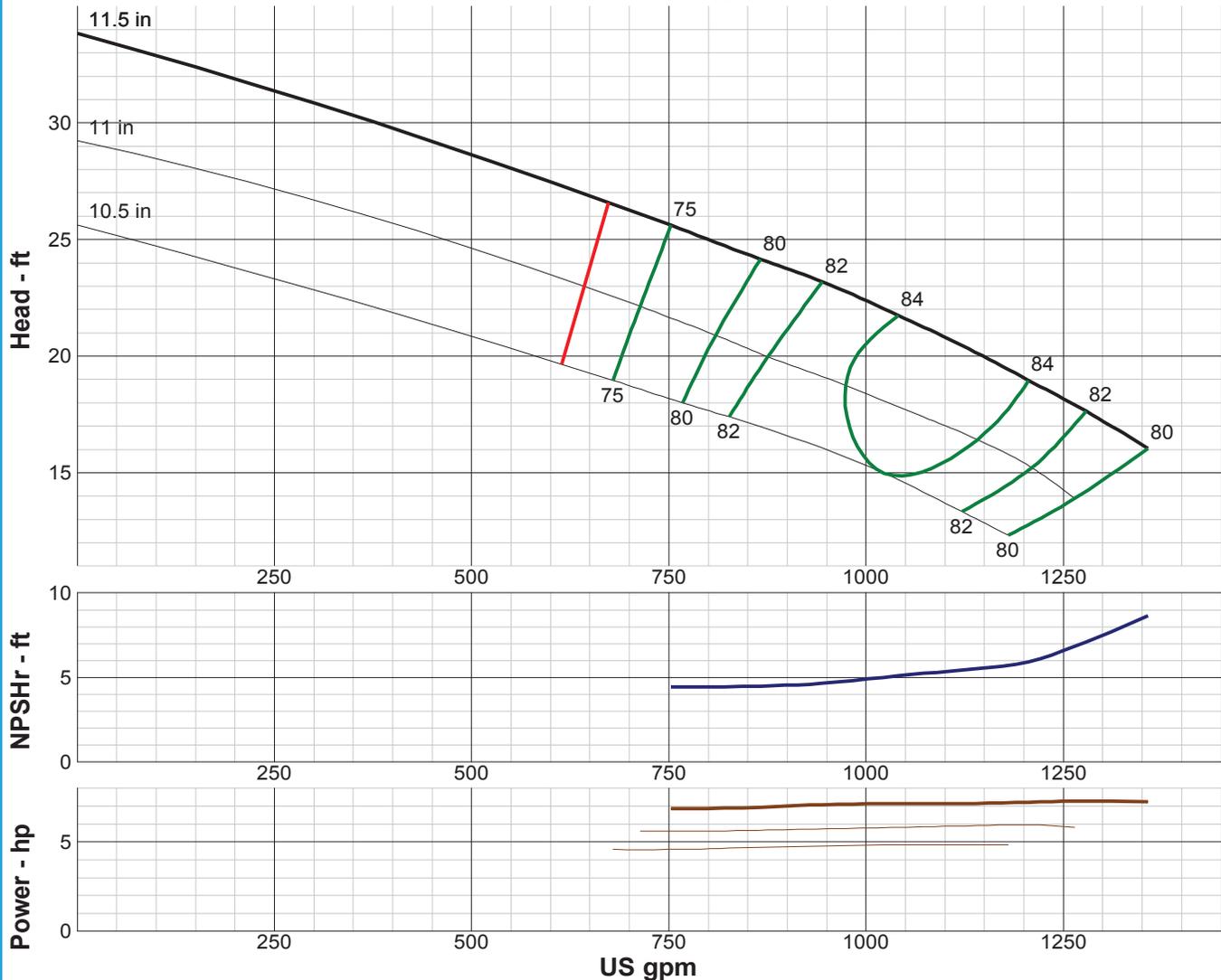


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMCR 870 RPM



IMPELLER DATA

IMPELLER NUMBER	0101	TRIM ANGLE: 31°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

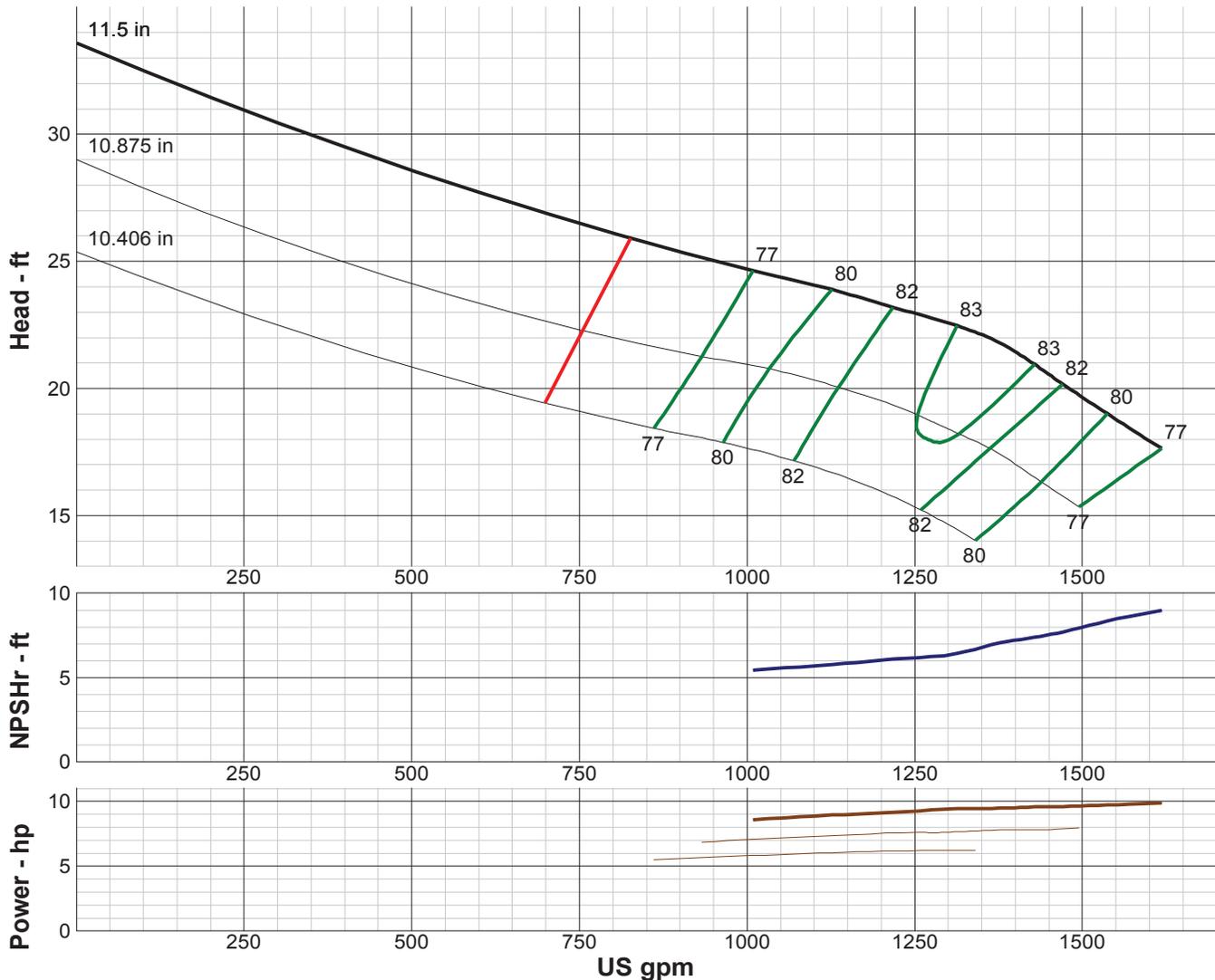


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FHCR 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	0103	TRIM ANGLE: 31° Minimum submergence above eye of bottom impeller: 36 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=15.50	
EYE AREA	37.8 SQ. IN.	
WEIGHT	26.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	700 LB.
ADD STAGE WEIGHT	265 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

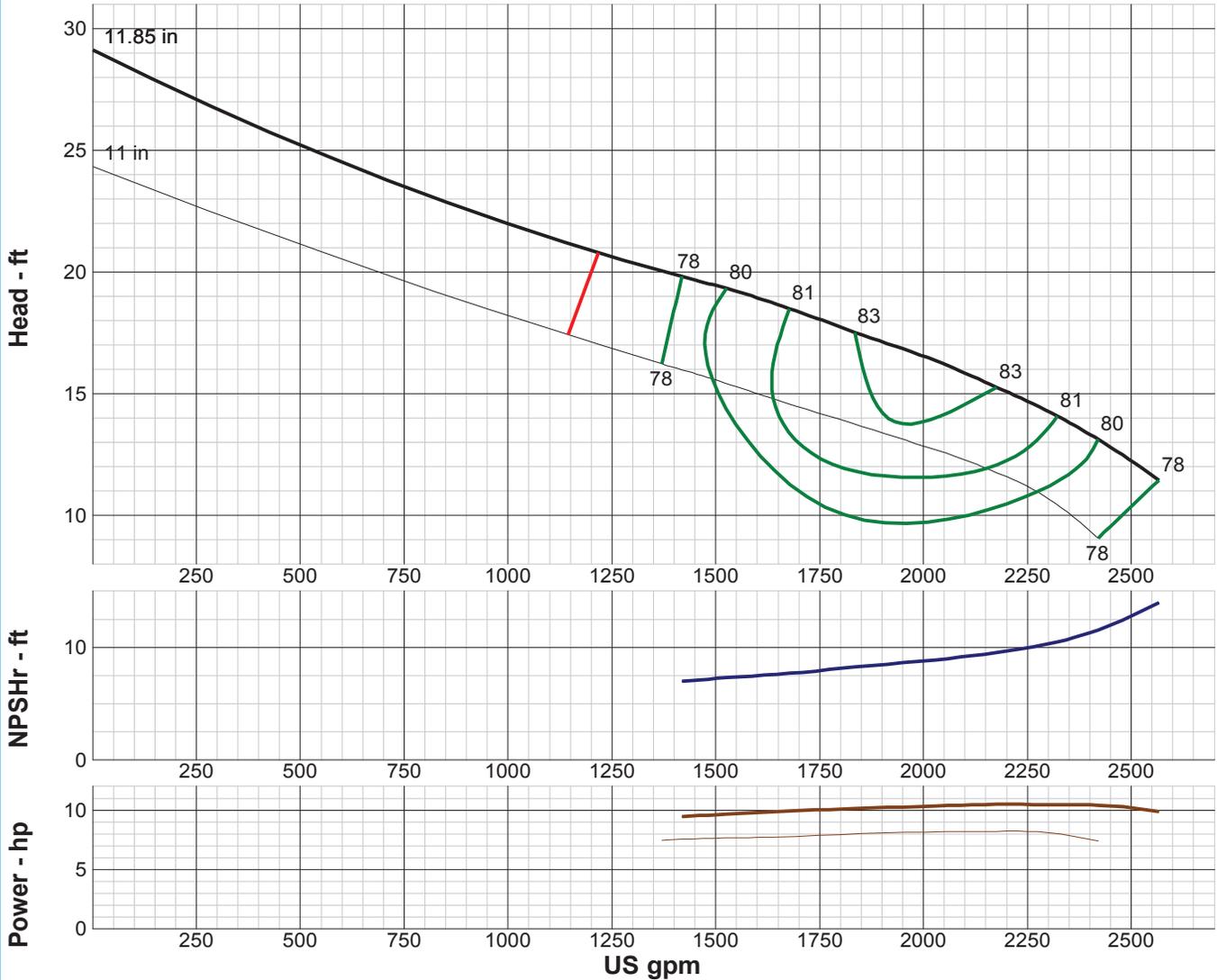


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

15FKC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	0004	TRIM ANGLE: 34°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=28.00	
EYE AREA	63.6 SQ. IN.	
WEIGHT	30.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0001
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	510 LB.
ADD STAGE WEIGHT	195 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.688 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	2.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

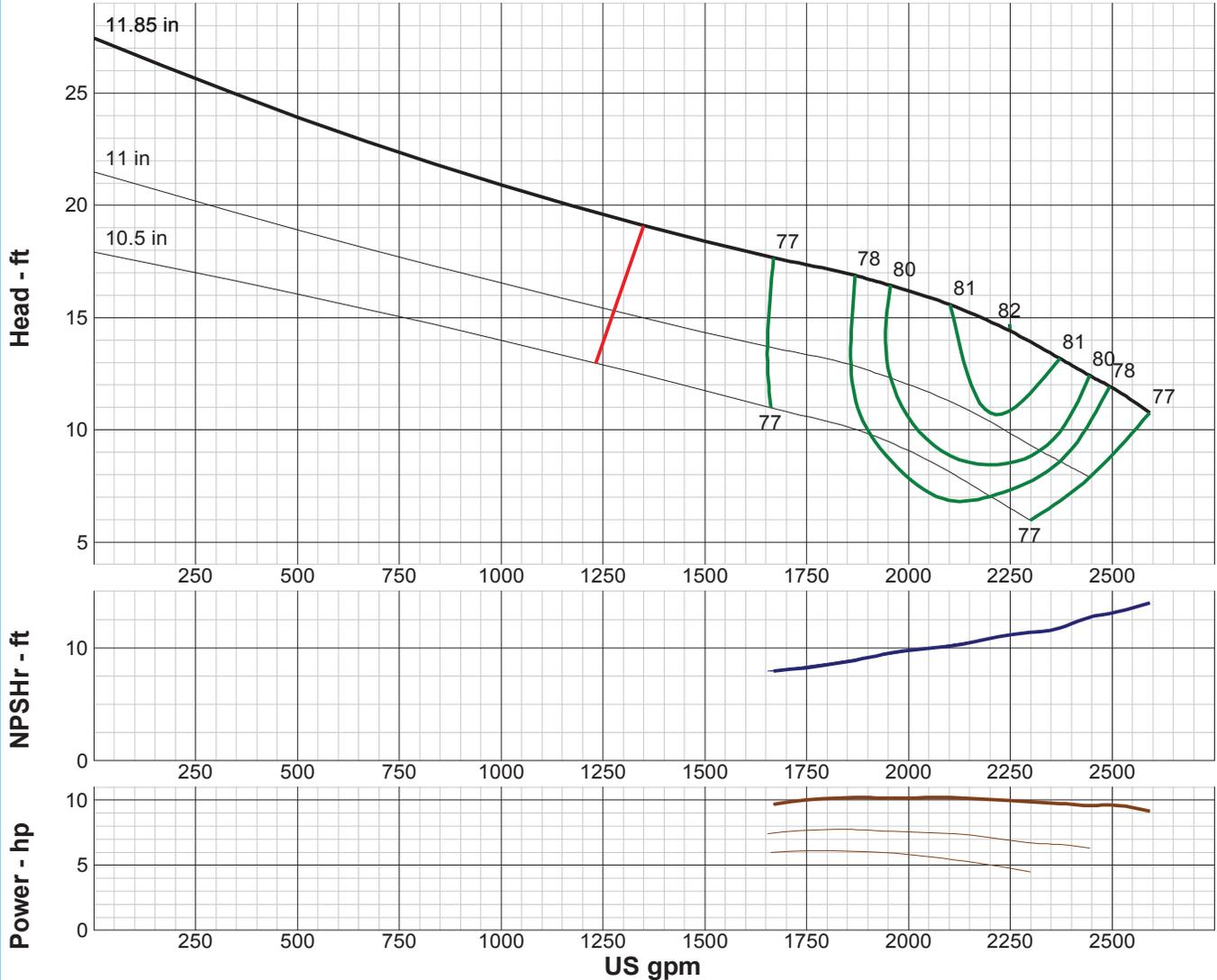


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

15FKS 860 RPM



IMPELLER DATA

IMPELLER NUMBER	0004	TRIM ANGLE: 34°
TYPE	SEMI-OPEN	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=30.00	
EYE AREA	63.6 SQ. IN.	
WEIGHT	21.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0001
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	375 LB.
ADD STAGE WEIGHT	170 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.688 IN.
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD - FLG
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD
MAX. SPHERE SIZE	2.250 IN.
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

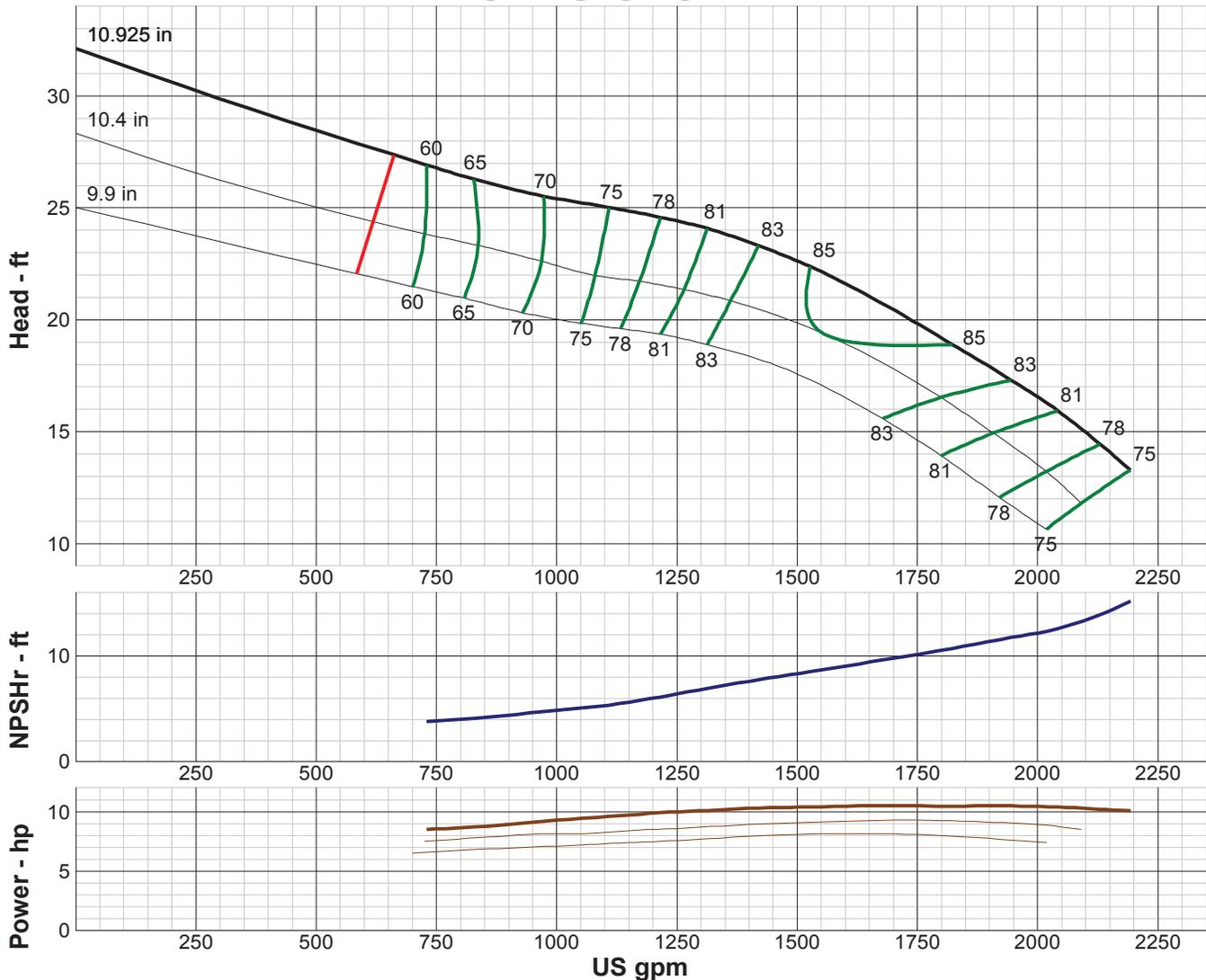


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FLC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	0312	TRIM ANGLE: 14° Minimum submergence above eye of bottom impeller: 32 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=20.00	
EYE AREA	51.3 SQ. IN.	
WEIGHT	32.30 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0310
BOWL MAX. DIAMETER	15.375 IN.
BOWL MIN. DIAMETER	15.375 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.563 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	16.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.375 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

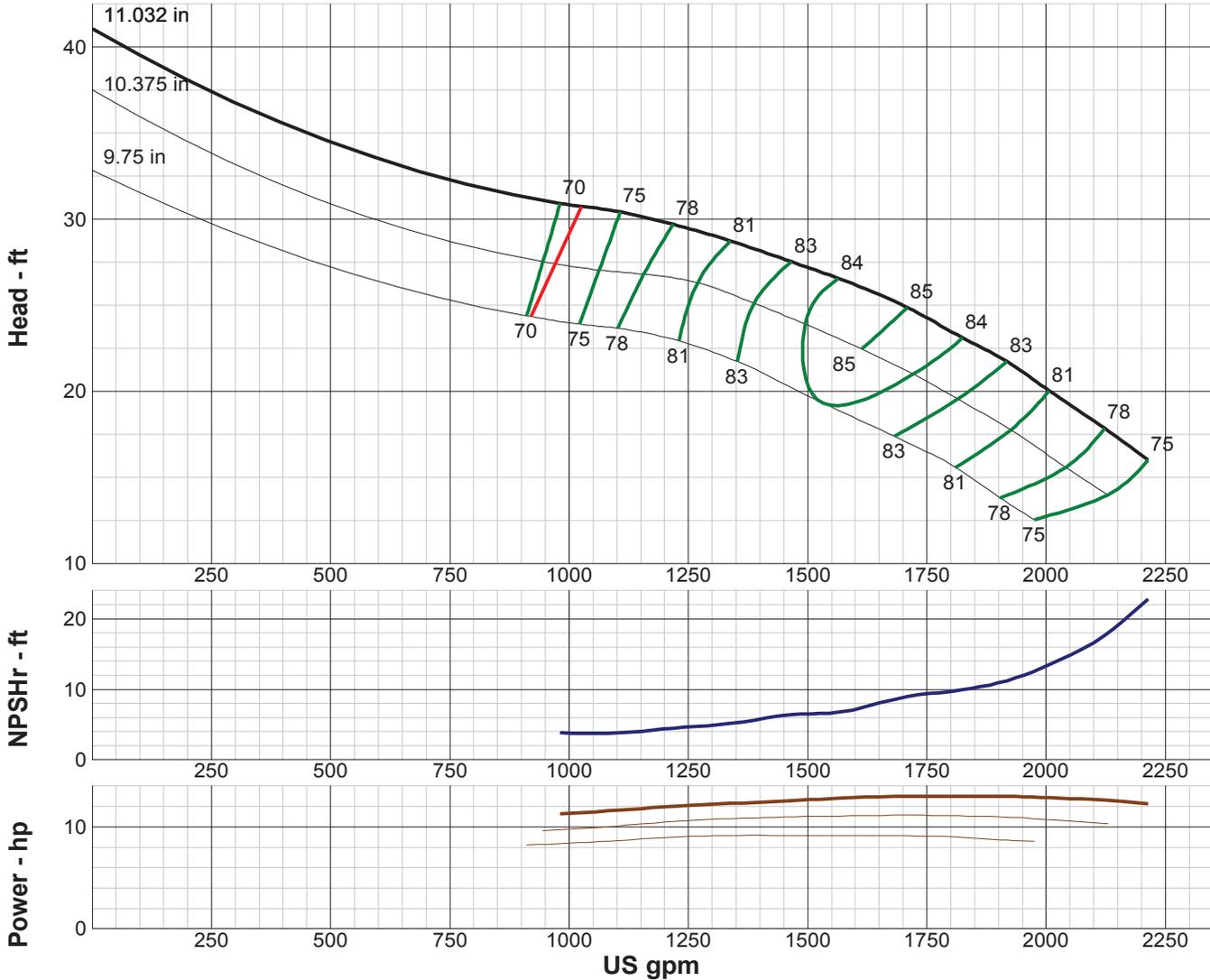


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FMC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	0308	TRIM ANGLE: 27° Minimum submergence above eye of bottom impeller: 36 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=23.00	
EYE AREA	58.4 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0306
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	17.375 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

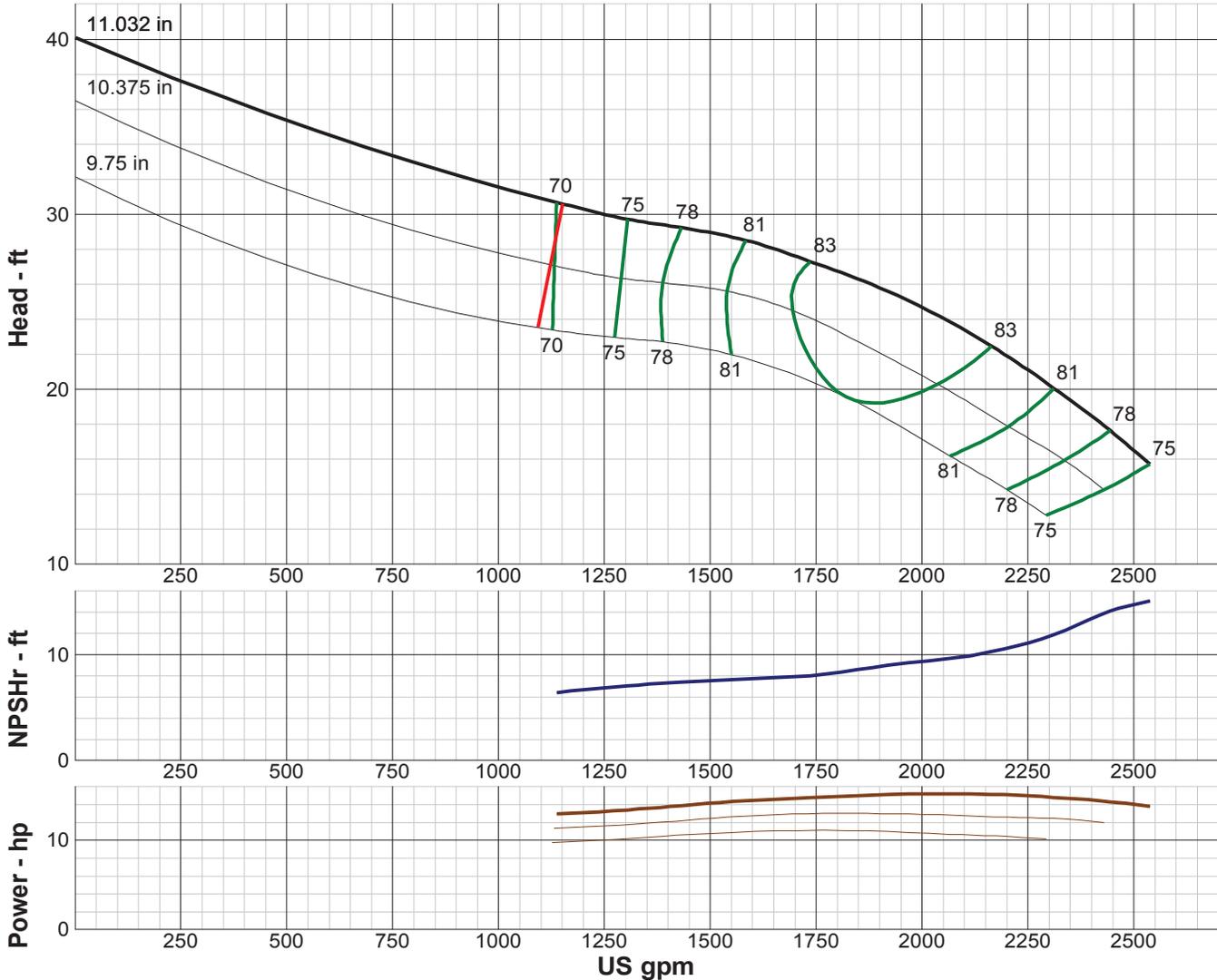


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FHC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	0309	TRIM ANGLE: 27°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 36 IN.
THRUST FACTOR	K=23.00	
EYE AREA	58.4 SQ. IN.	
WEIGHT	52.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-0.5	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0306
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	17.375 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN.
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

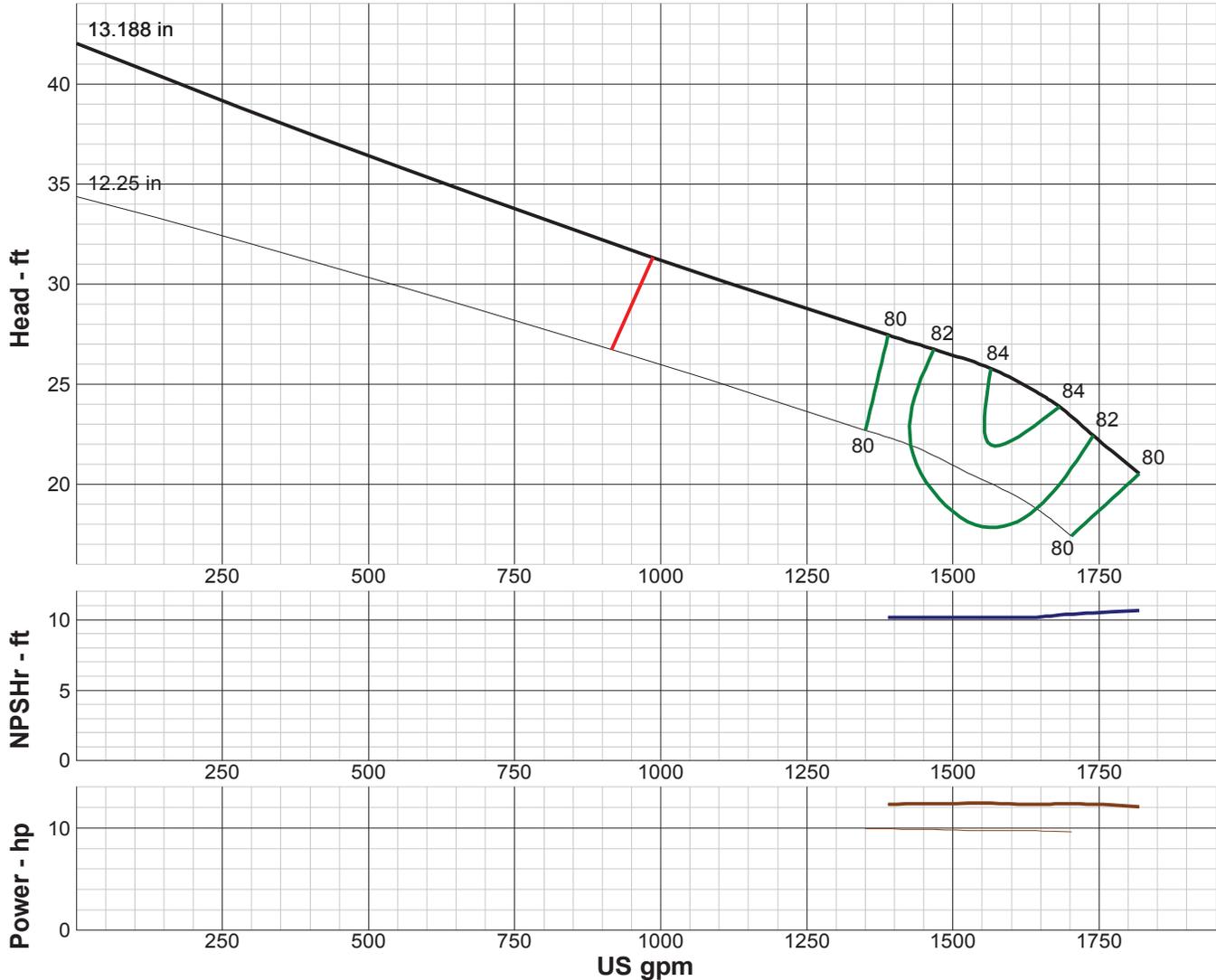


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FLC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	3914	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 48 IN.
THRUST FACTOR	K=21.75	
EYE AREA	46.0 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL SIZE	18.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

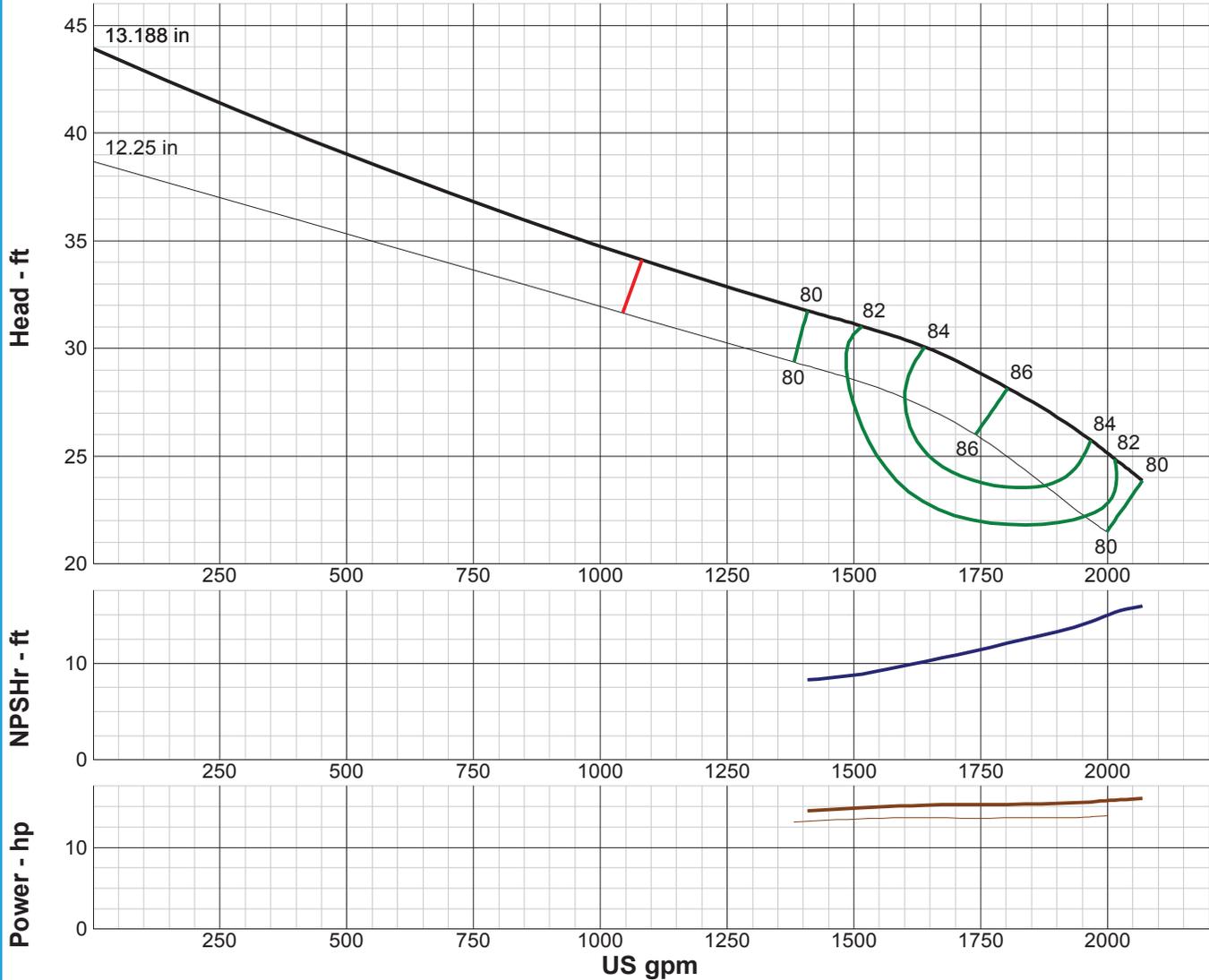


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FMC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	3923	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 48 IN.
THRUST FACTOR	K=21.75	
EYE AREA	50.3 SQ. IN.	
WEIGHT	42.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	18.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

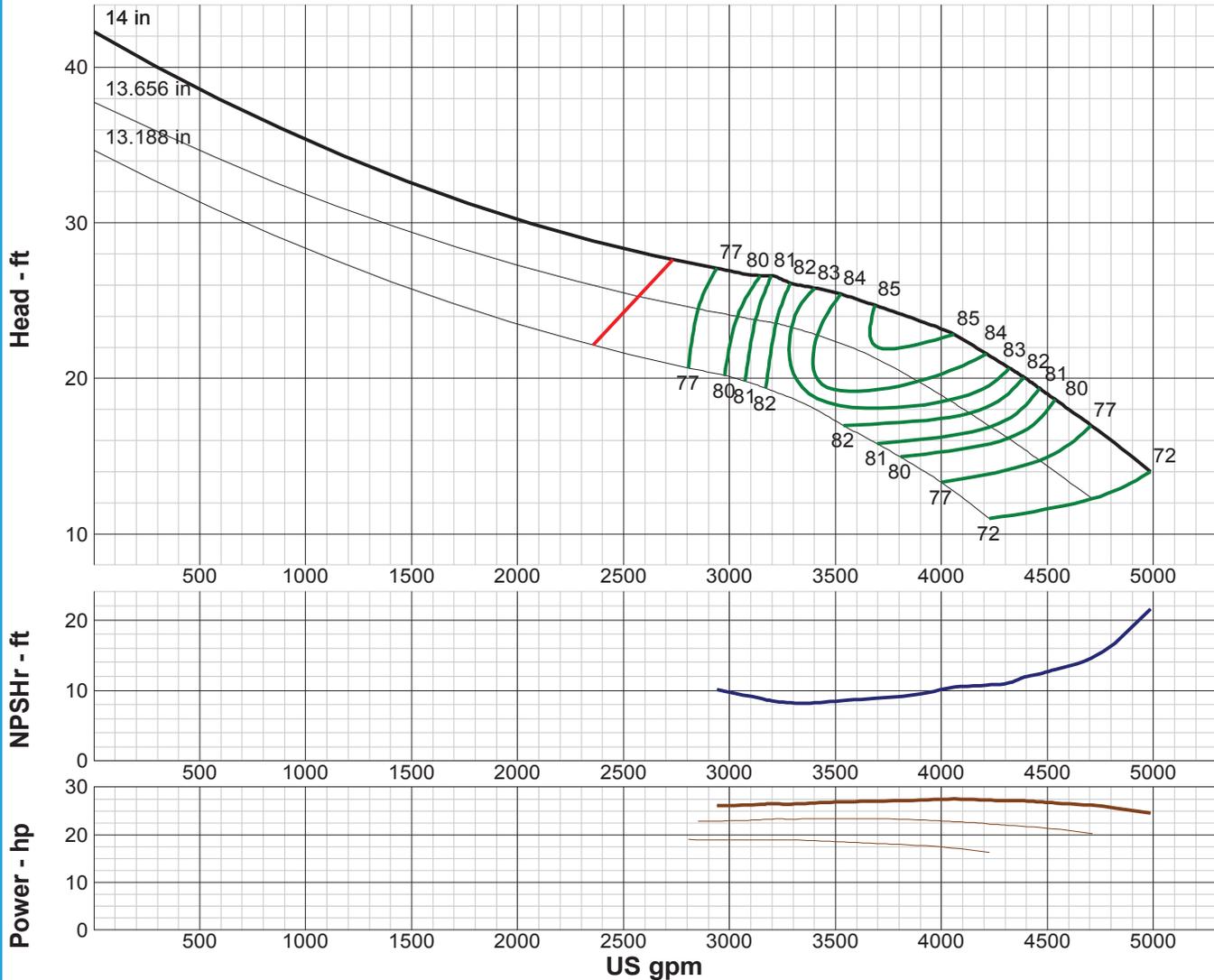


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FHHC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	0777	TRIM ANGLE: 30° Minimum submergence above eye of bottom impeller: 48 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=32.00	
EYE AREA	102 SQ. IN.	
WEIGHT	49.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-0.5	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-1	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0224
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	LB.
ADD STAGE WEIGHT	LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	18.813 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN.
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

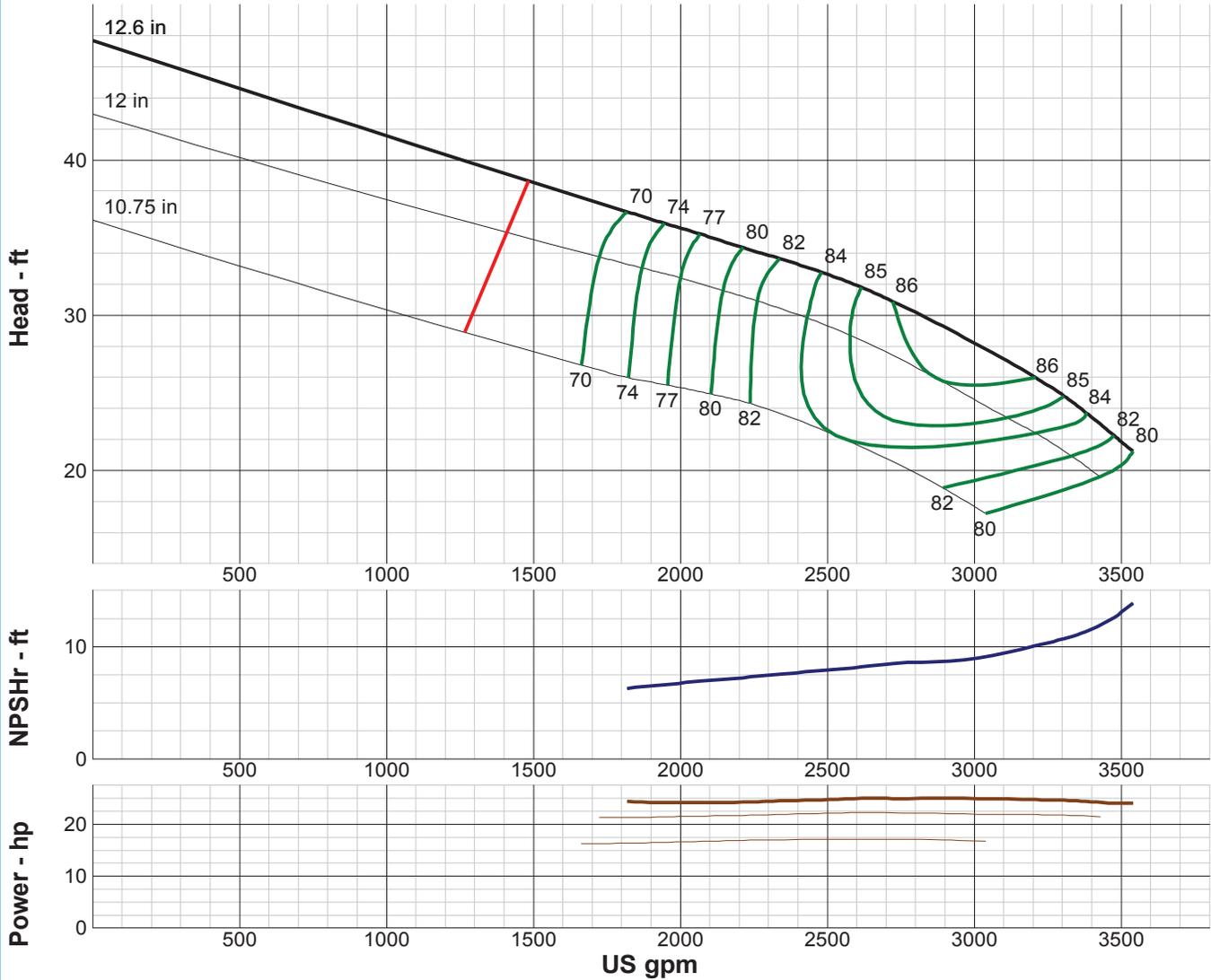


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FMC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	0353	TRIM ANGLE: 26° Minimum submergence above eye of bottom impeller: 42 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	0358
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

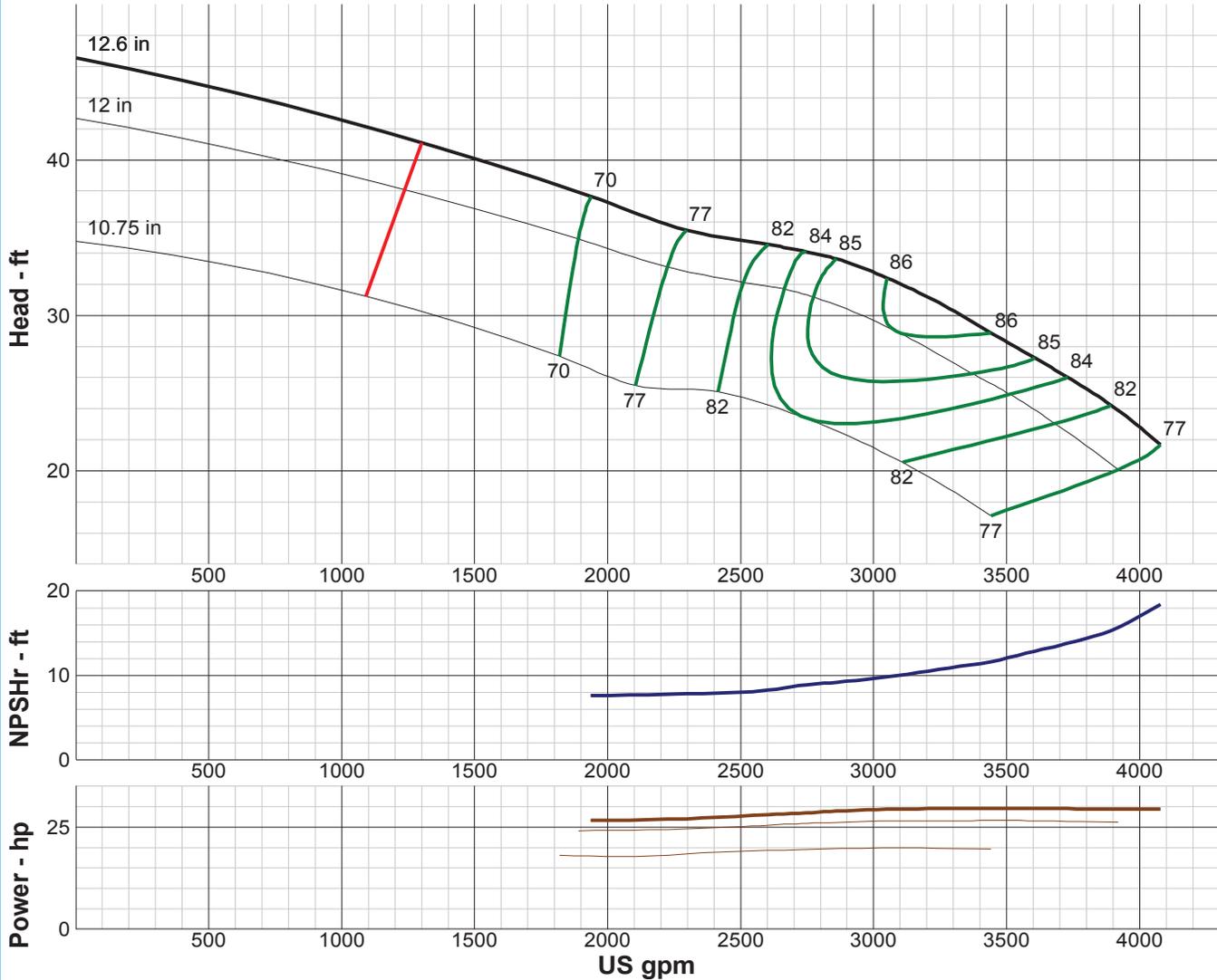


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

19FHC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	0357	TRIM ANGLE: 26°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 42 IN.
THRUST FACTOR	K=32.00	
EYE AREA	74.5 SQ. IN.	
WEIGHT	54.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	0358
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	21.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

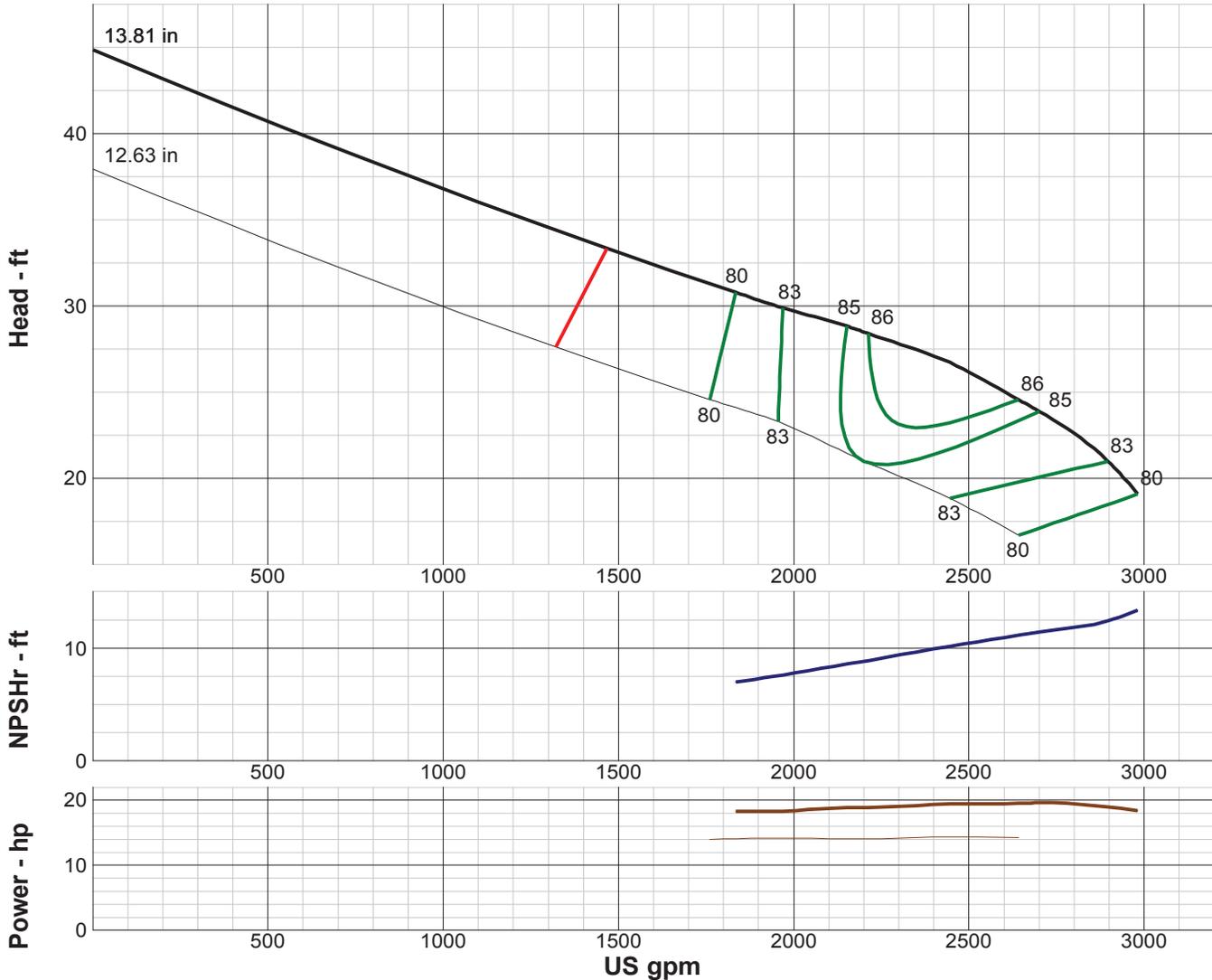


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FLC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	4838	TRIM ANGLE: 27° Minimum submergence above eye of bottom impeller: 33 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=29.40	
EYE AREA	72.6 SQ. IN.	
WEIGHT	69.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3969
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	20.875 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

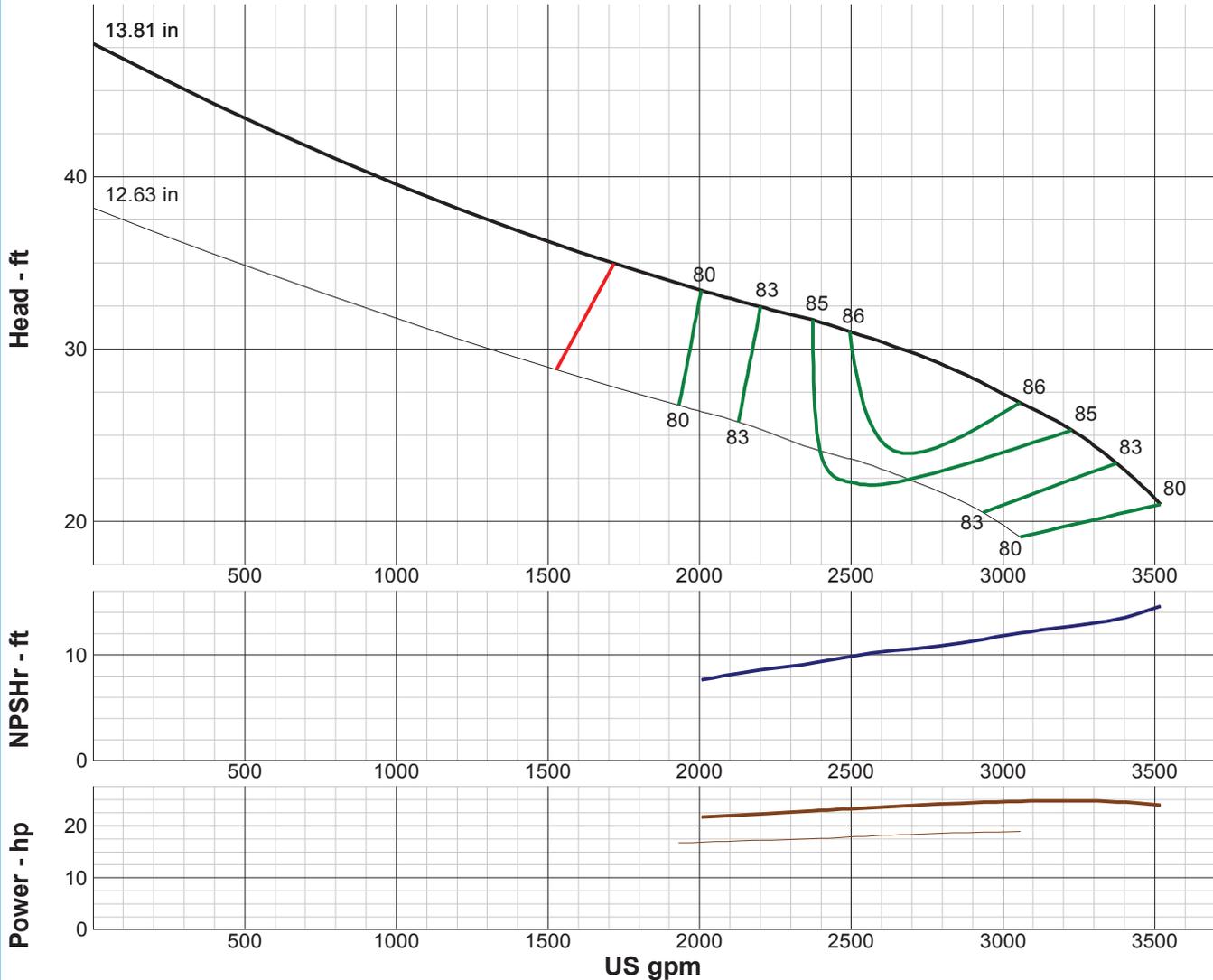


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FMC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	4847	TRIM ANGLE: 27° Minimum submergence above eye of bottom impeller: 33 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=29.40	
EYE AREA	72.6 SQ. IN.	
WEIGHT	69.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	3969
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG
SUCTION BELL DIA.	20.875 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

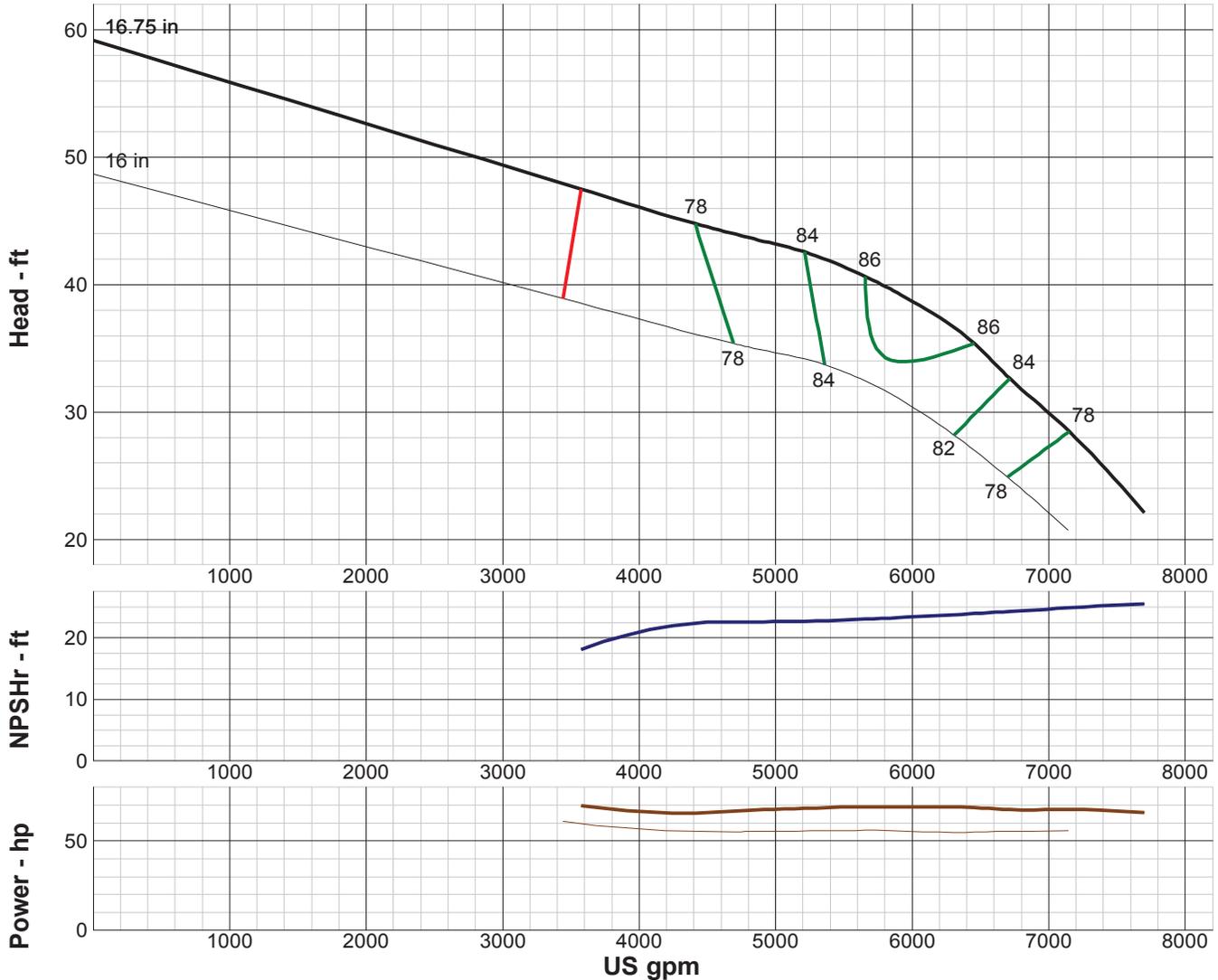


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FHC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	3987	TRIM ANGLE: 27.5° Minimum submergence above eye of bottom impeller: 32 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=58.0	
EYE AREA	113 SQ. IN.	
WEIGHT	94.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-2	-1	0	+1
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	3996
BOWL MAX. DIAMETER	20.000 IN.
BOWL MIN. DIAMETER	19.750 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	845 LB.
ADD STAGE WEIGHT	560 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	23.313 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

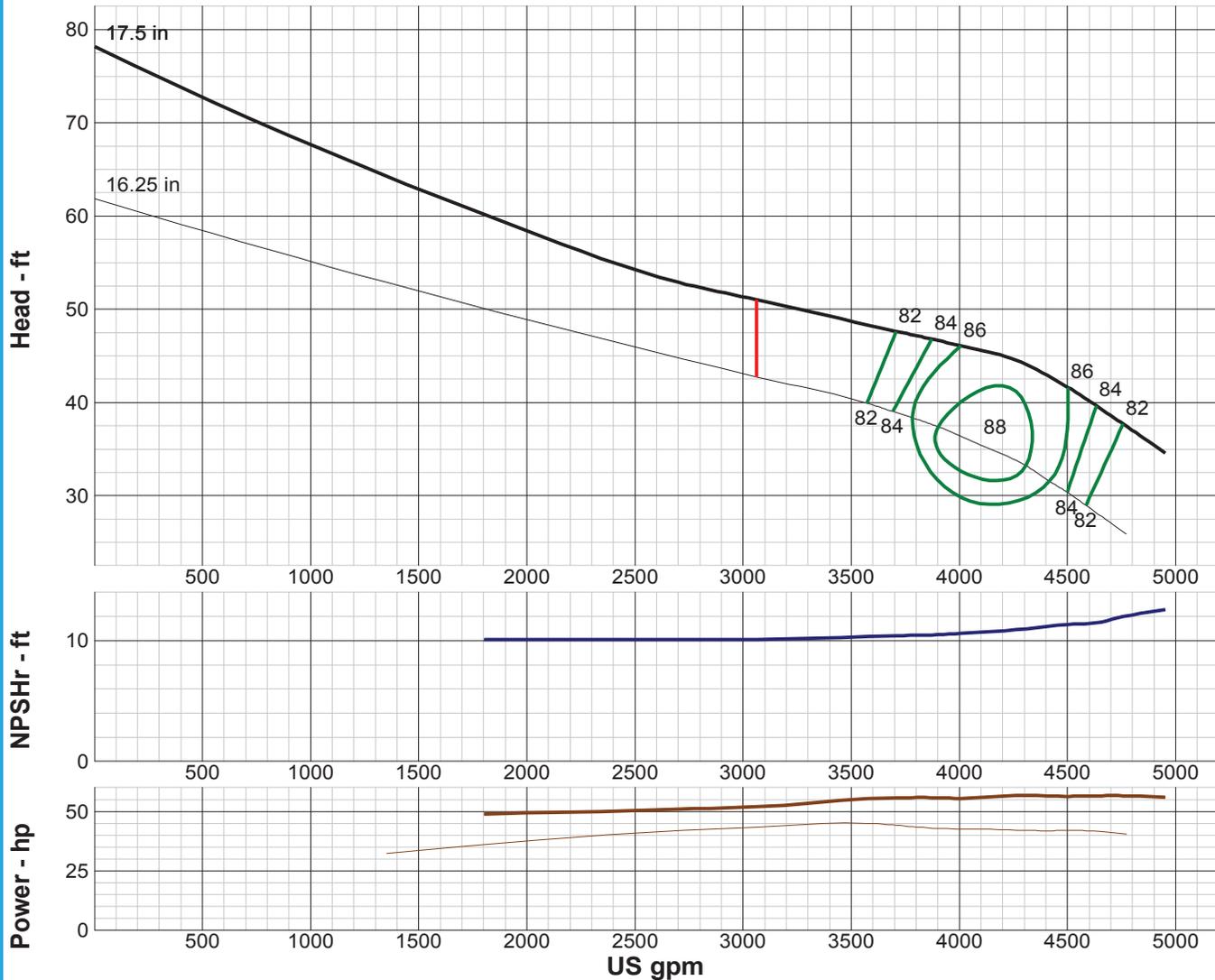


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FLC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	4865	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=41.20	
EYE AREA	93.0 SQ. IN.	
WEIGHT	82.00 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA	
BOWL NUMBER	5329
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	24.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

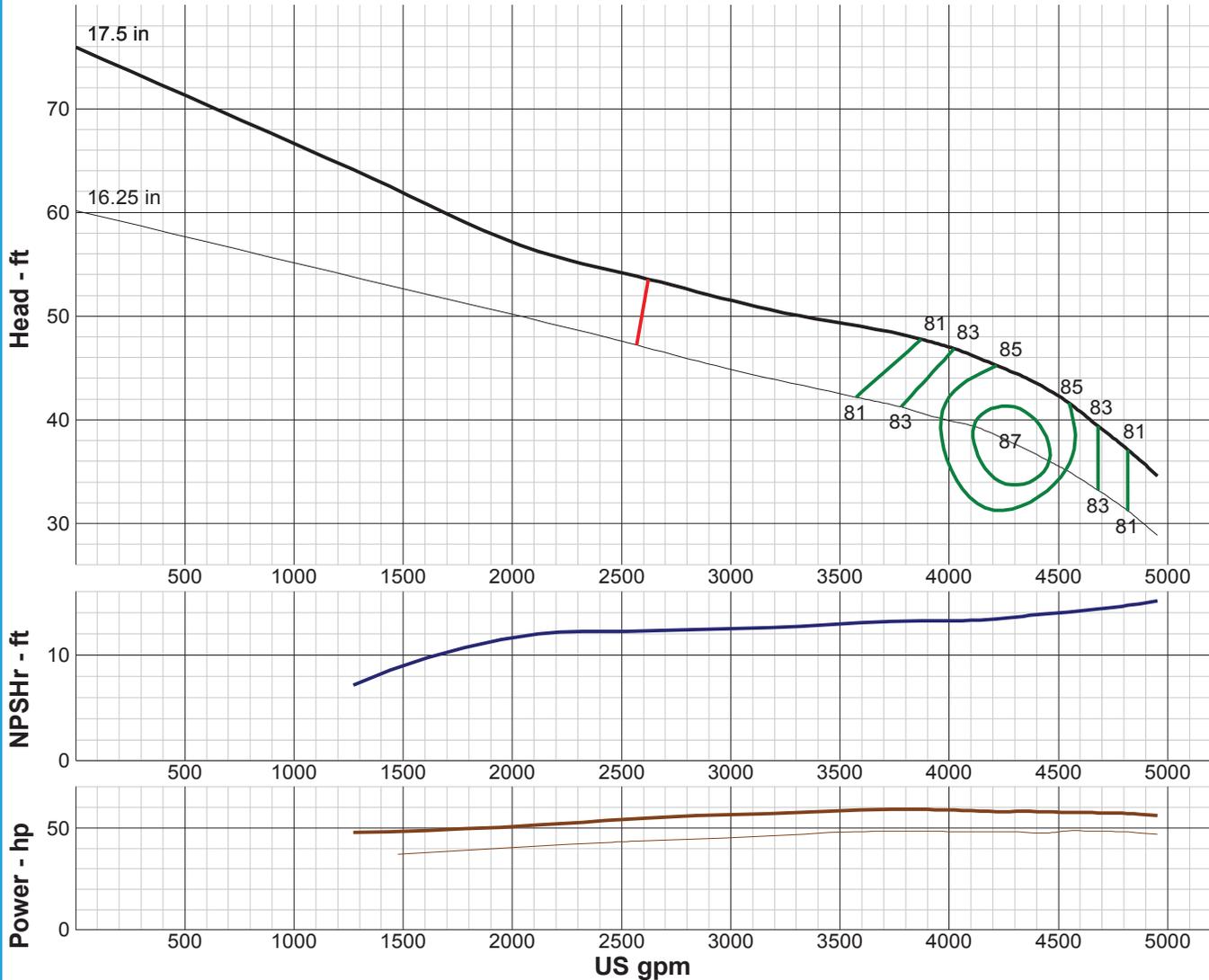


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FMC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	4874	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=41.20	
EYE AREA	93.0 SQ. IN.	
WEIGHT	82.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	5329
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	24.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

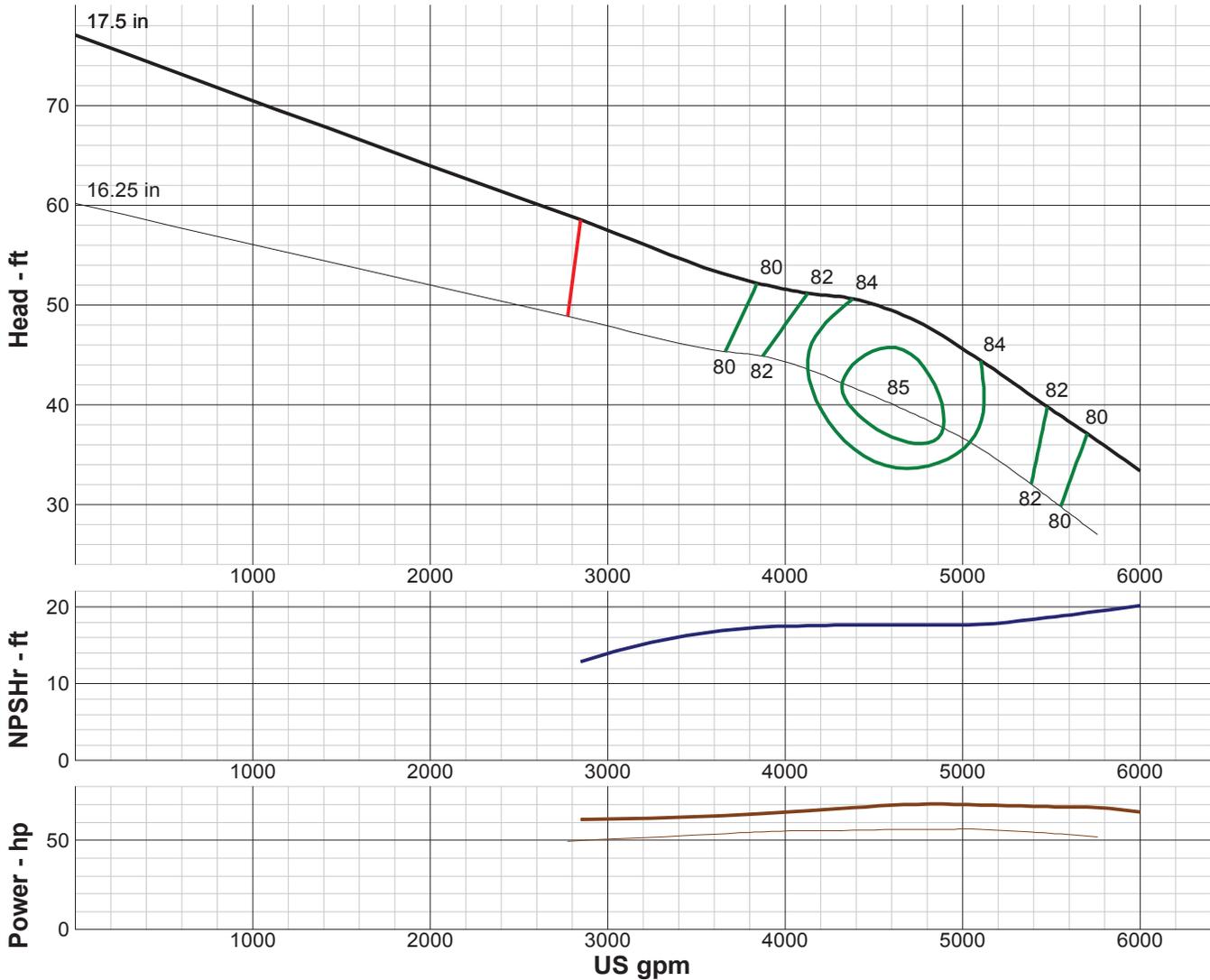


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FHC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	4883	TRIM ANGLE: 18°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 32 IN.
THRUST FACTOR	K=41.20	
EYE AREA	93.0 SQ. IN.	
WEIGHT	82.00 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

FLANGED BOWL DATA

BOWL NUMBER	5329
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	24.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

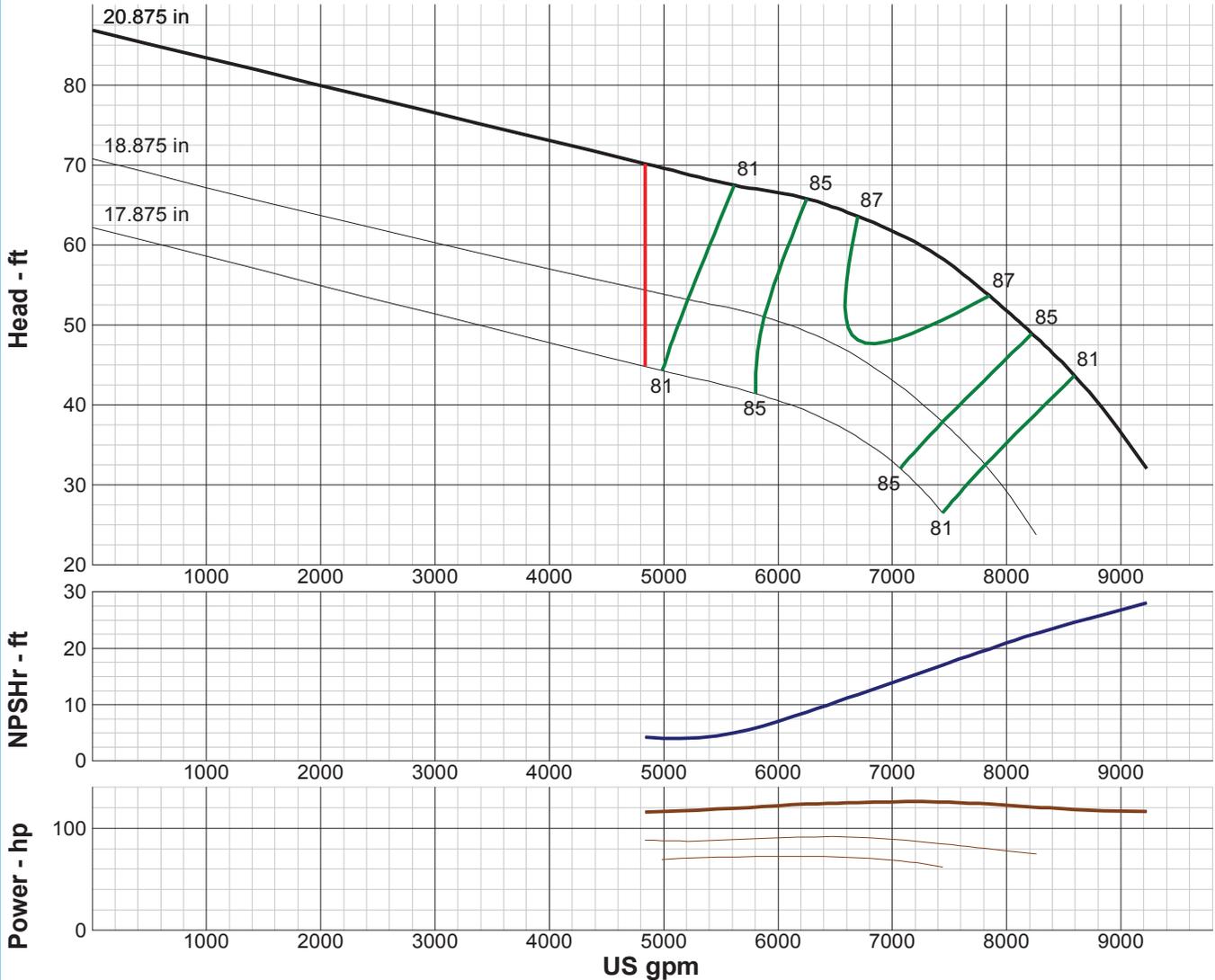


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

28FLC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	4892	TRIM ANGLE: 22.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 56 IN.
THRUST FACTOR	K=61.00	
EYE AREA	133 SQ. IN.	
WEIGHT	255 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-1	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	5338
BOWL MAX. DIAMETER	27.000 IN.
BOWL MIN. DIAMETER	27.000 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	2300 LB.
ADD STAGE WEIGHT	920 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	30.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.750 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

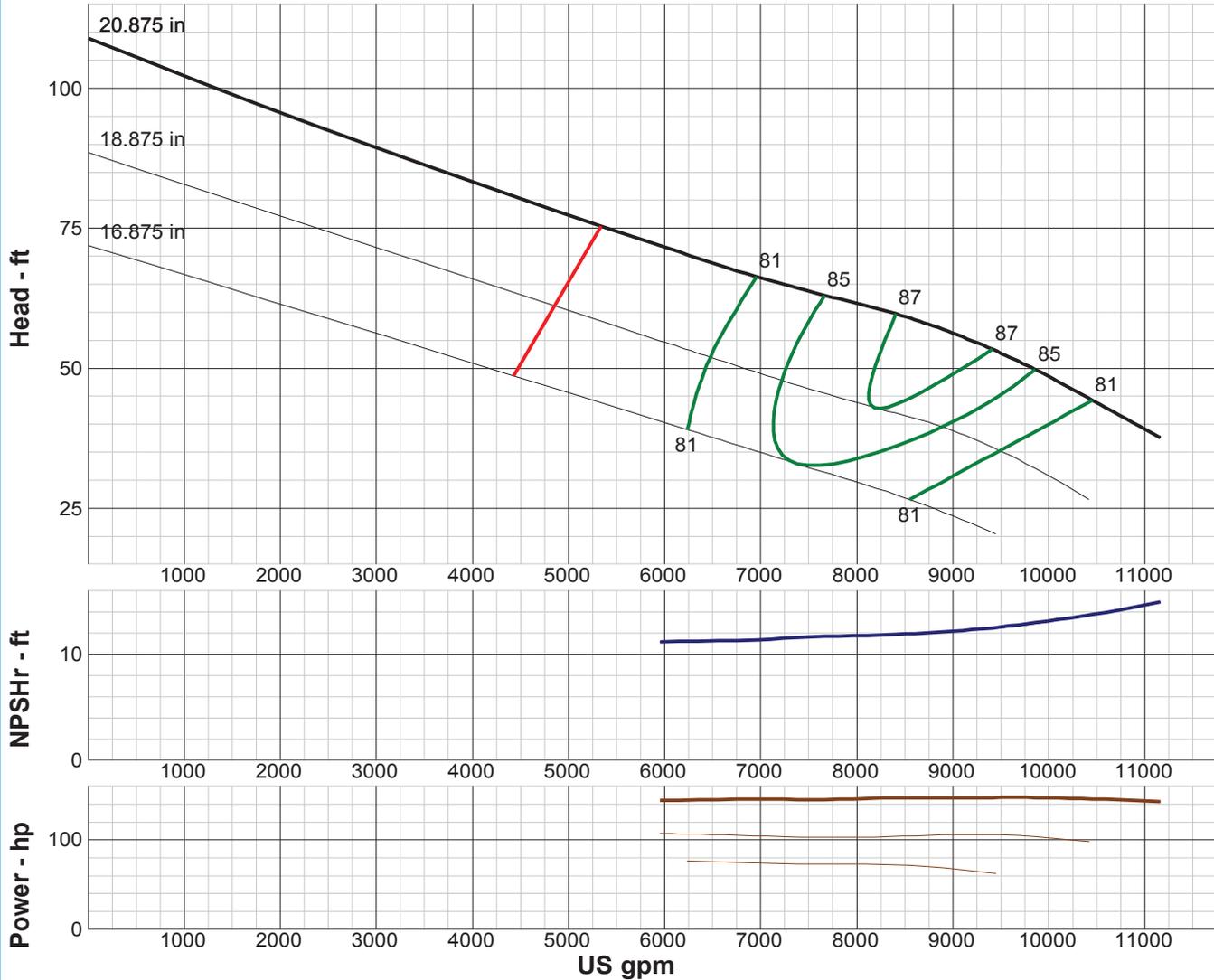


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

28FMC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	4901	TRIM ANGLE: 22.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 60 IN.
THRUST FACTOR	K=61.00	
EYE AREA	133 SQ. IN.	
WEIGHT	255 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-1	0	+1		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	5338
BOWL MAX. DIAMETER	27.000 IN.
BOWL MIN. DIAMETER	27.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	2300 LB.
ADD STAGE WEIGHT	920 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	30.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.750 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

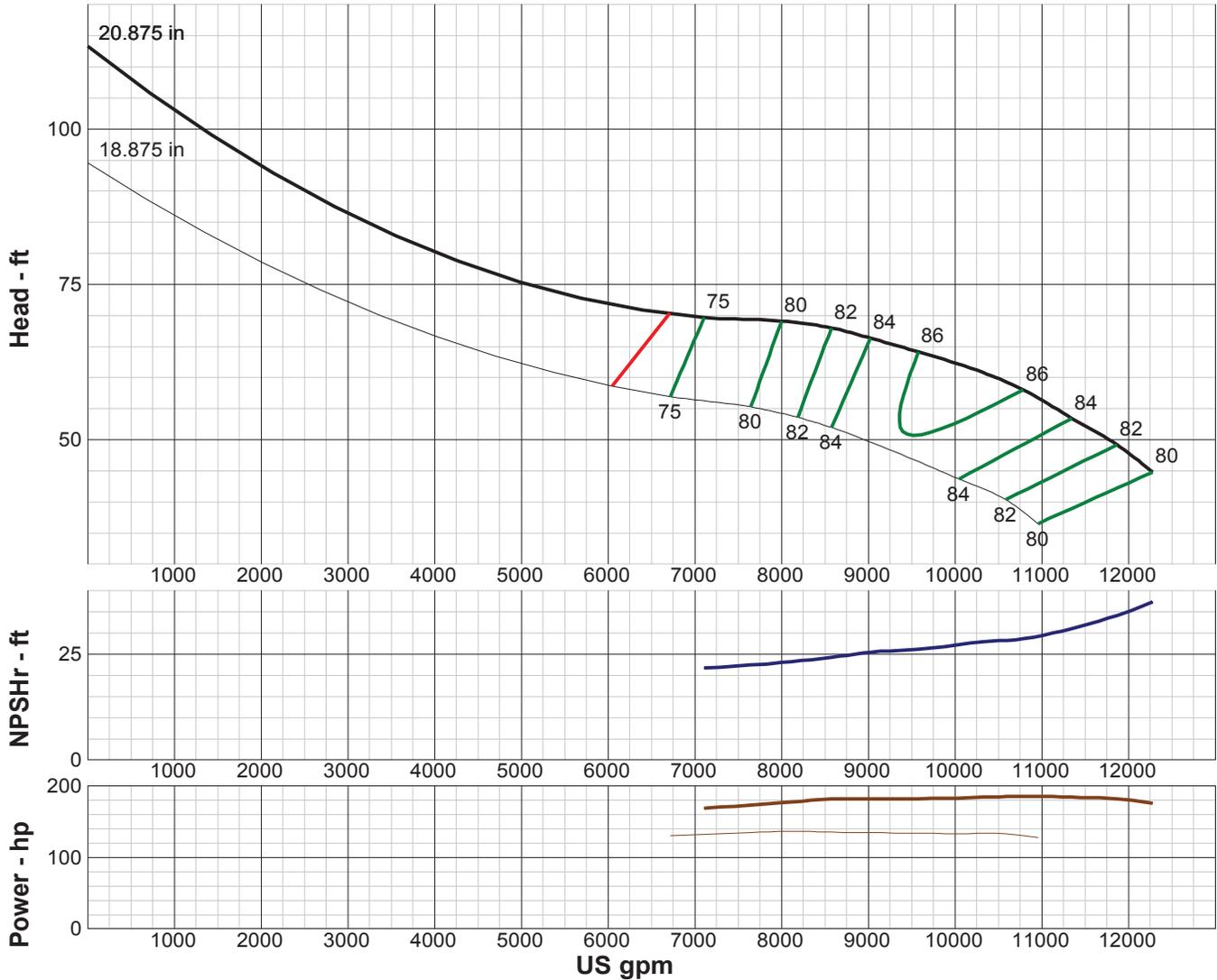


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

28FHC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	0104	TRIM ANGLE: 22.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 62 IN.
THRUST FACTOR	K=61.00	
EYE AREA	133 SQ. IN.	
WEIGHT	255 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-1	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	5338
BOWL MAX. DIAMETER	27.000 IN.
BOWL MIN. DIAMETER	27.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	2300 LB.
ADD STAGE WEIGHT	920 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	30.750 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.750 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

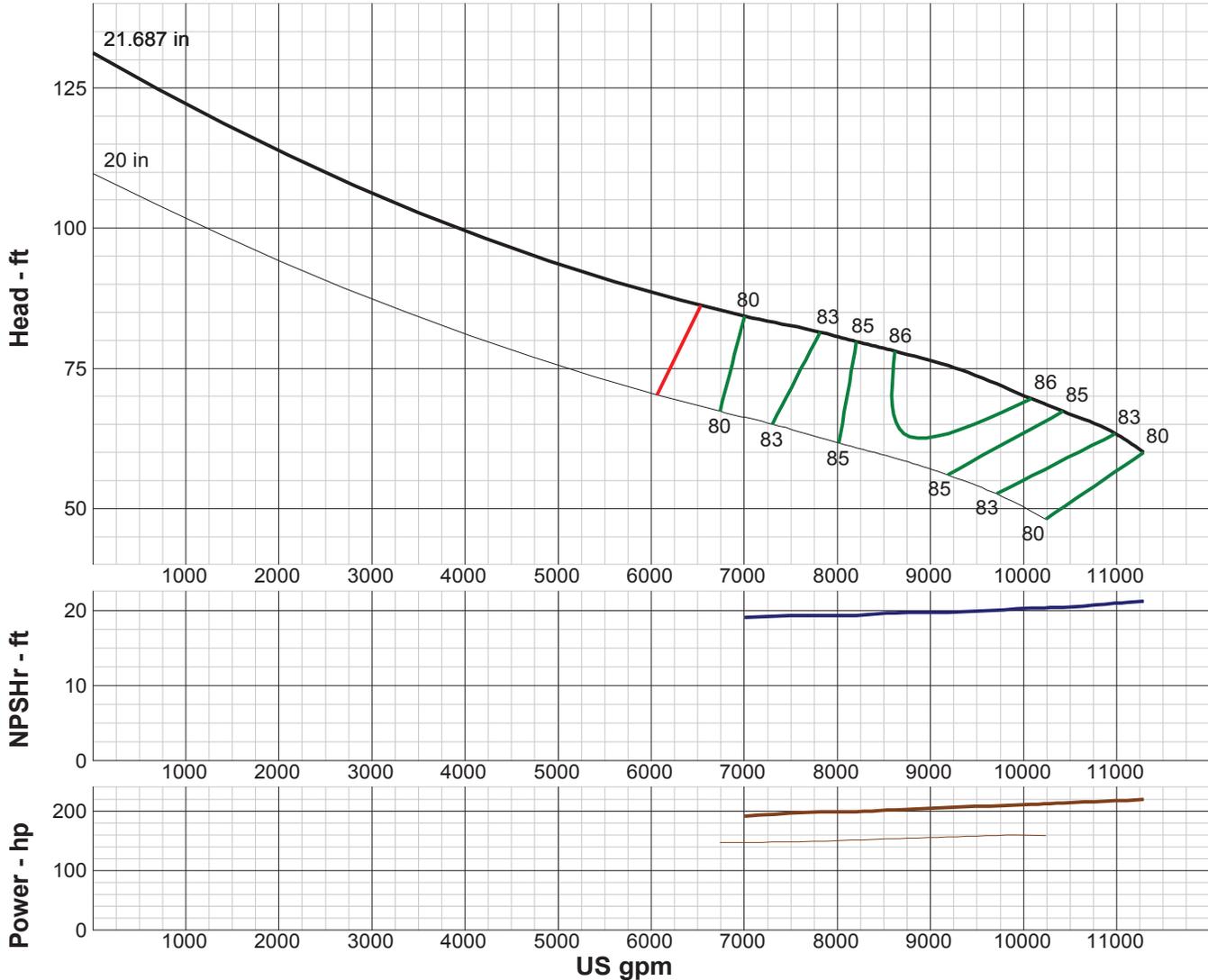


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FLC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	0192	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 60 IN.
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	0	+1		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

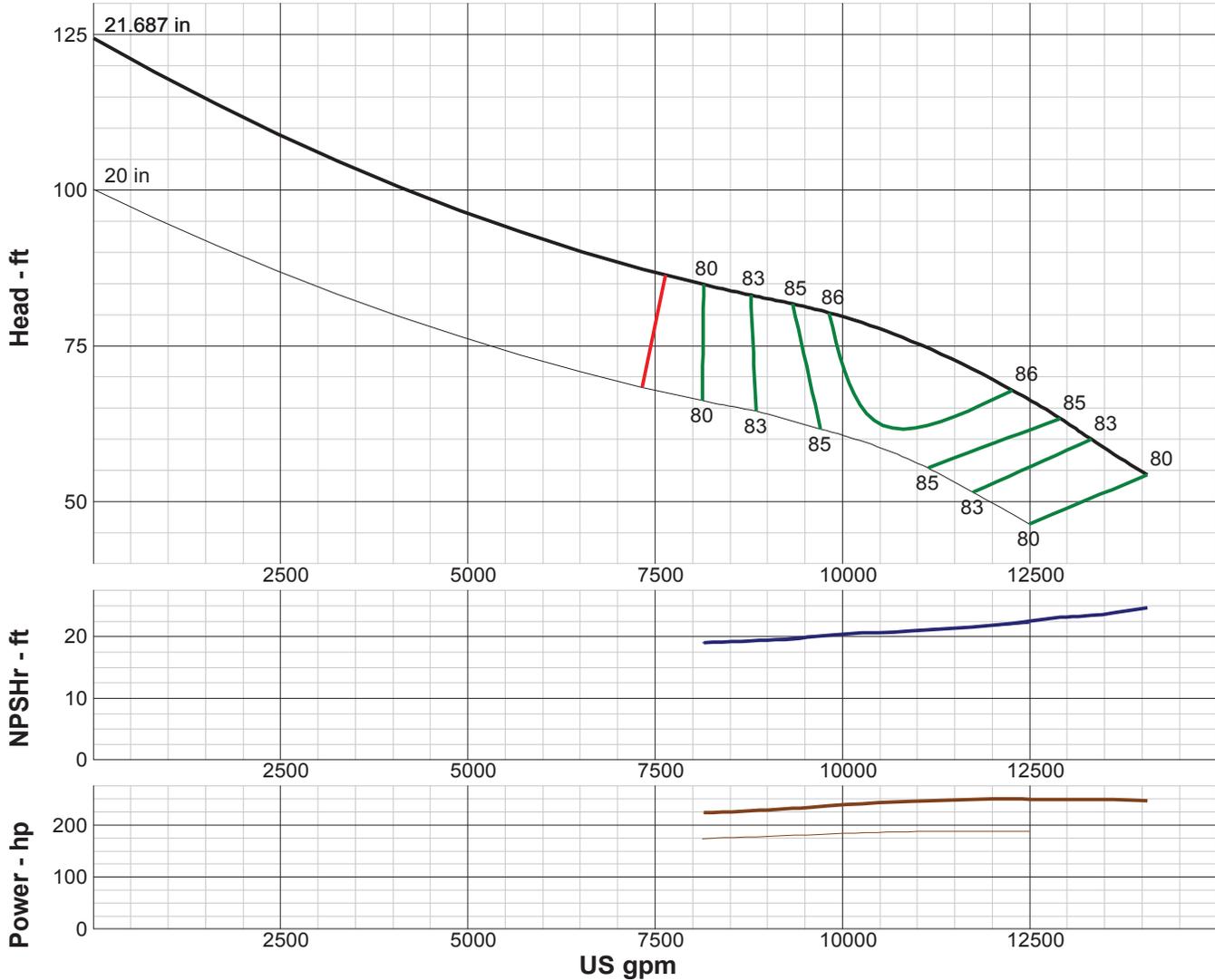


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FMC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	0193	TRIM ANGLE: 27.5° Minimum submergence above eye of bottom impeller: 50 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	BELL
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

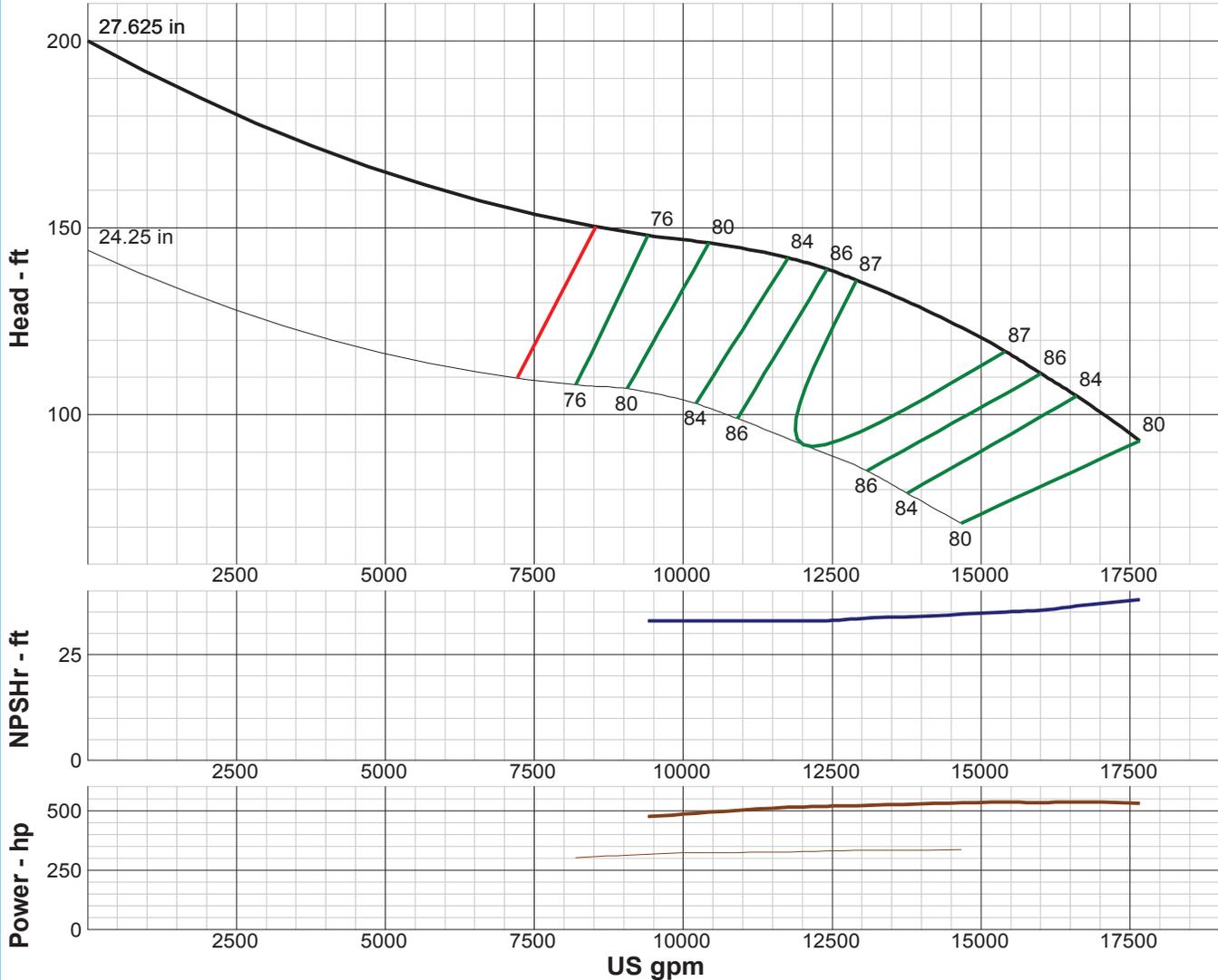


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FLC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	1927	TRIM ANGLE: 20° Minimum submergence above eye of bottom impeller: 65 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

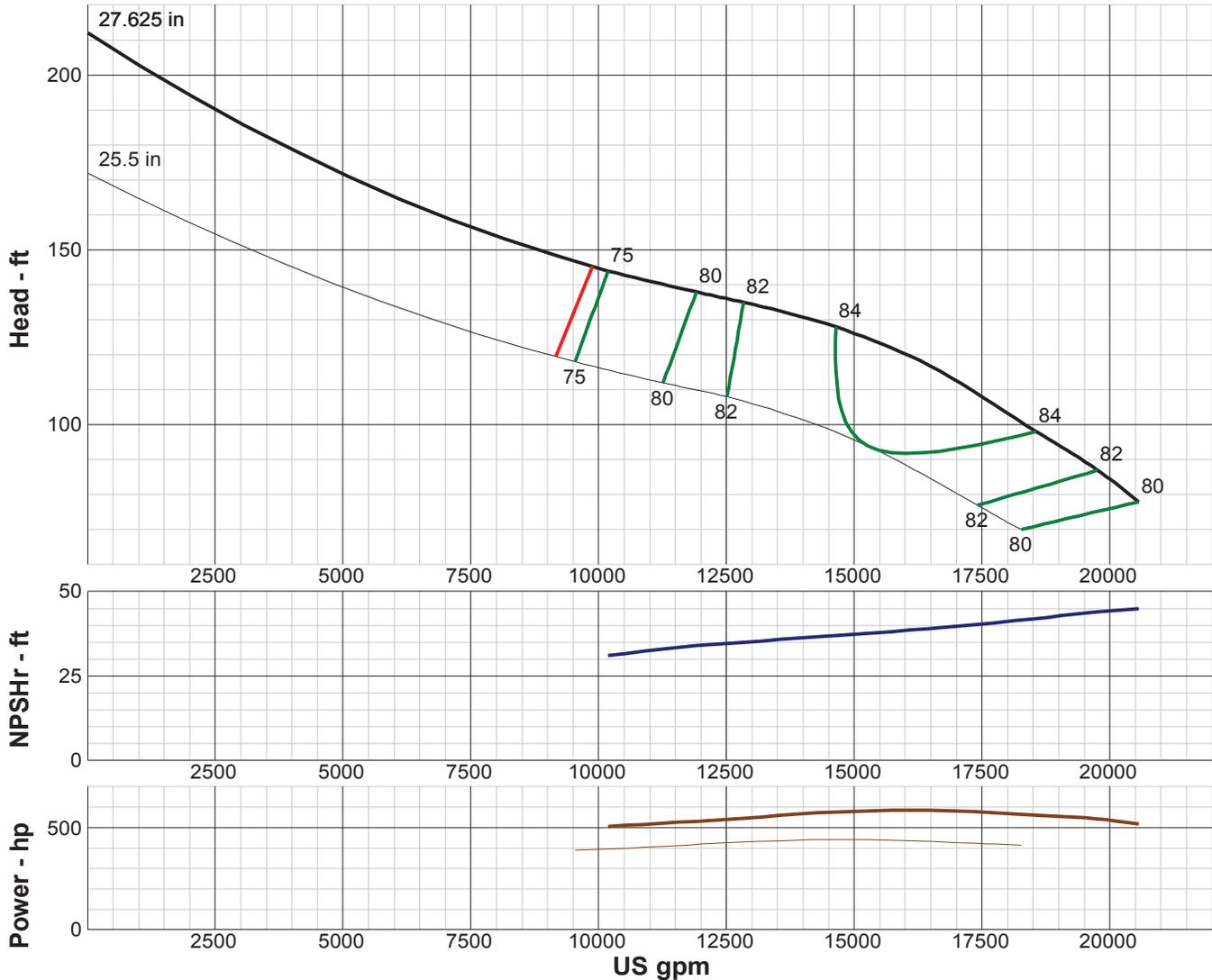


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FMC 870 RPM



IMPELLER DATA		
IMPELLER NUMBER	1936	TRIM ANGLE: 20° Minimum submergence above eye of bottom impeller: 65 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

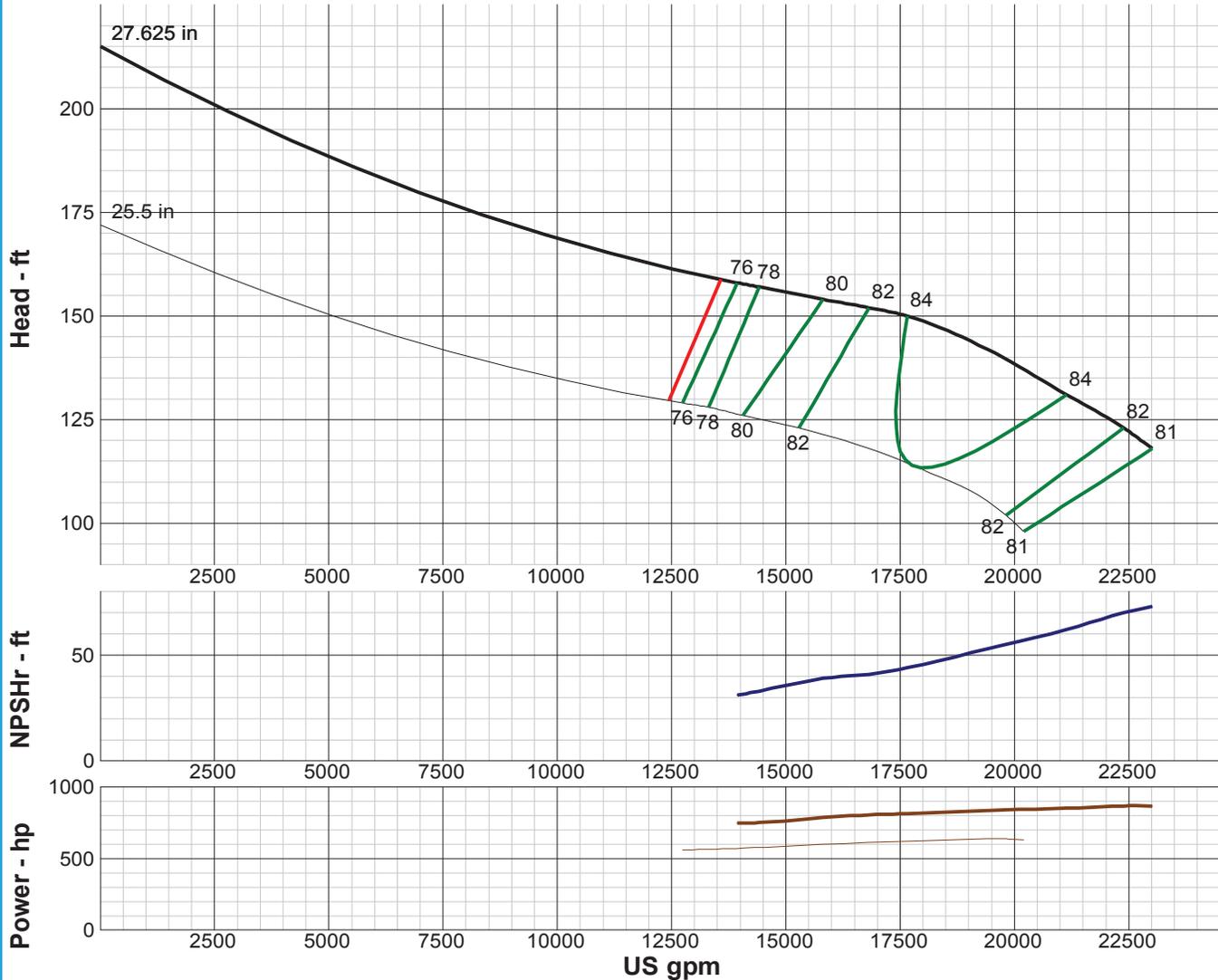


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FHC 870 RPM



IMPELLER DATA

IMPELLER NUMBER	1945	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

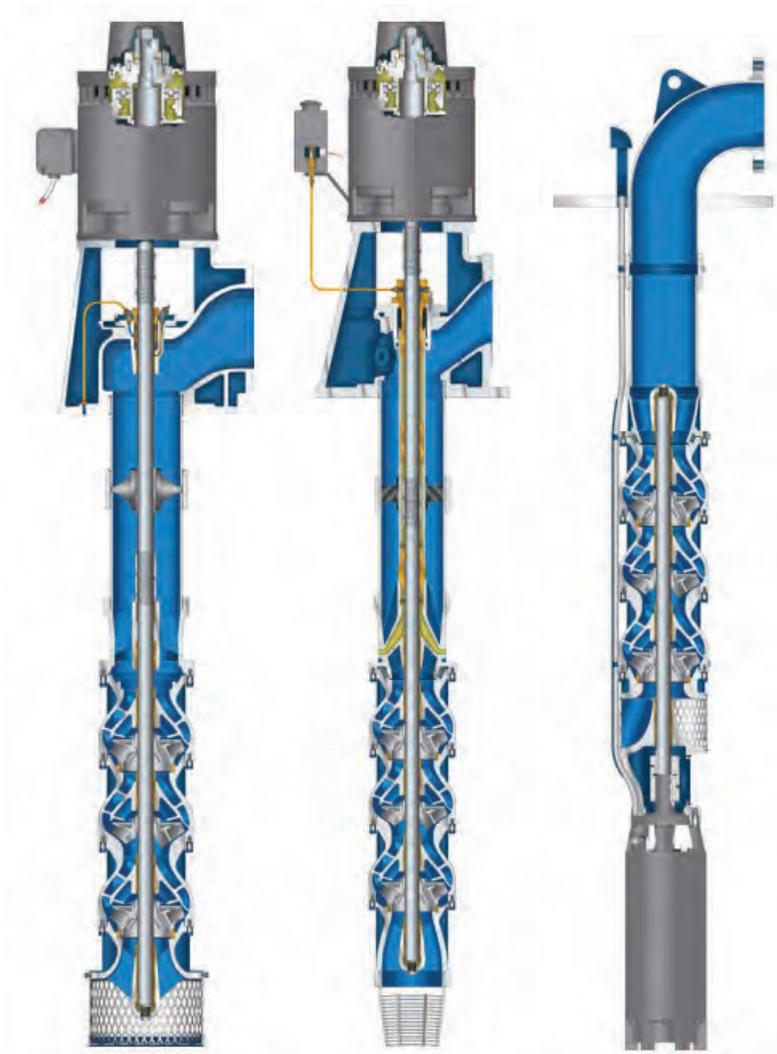
BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

PERFORMANCE CURVES

LINESHAFT & SUBMERSIBLE

710 RPM



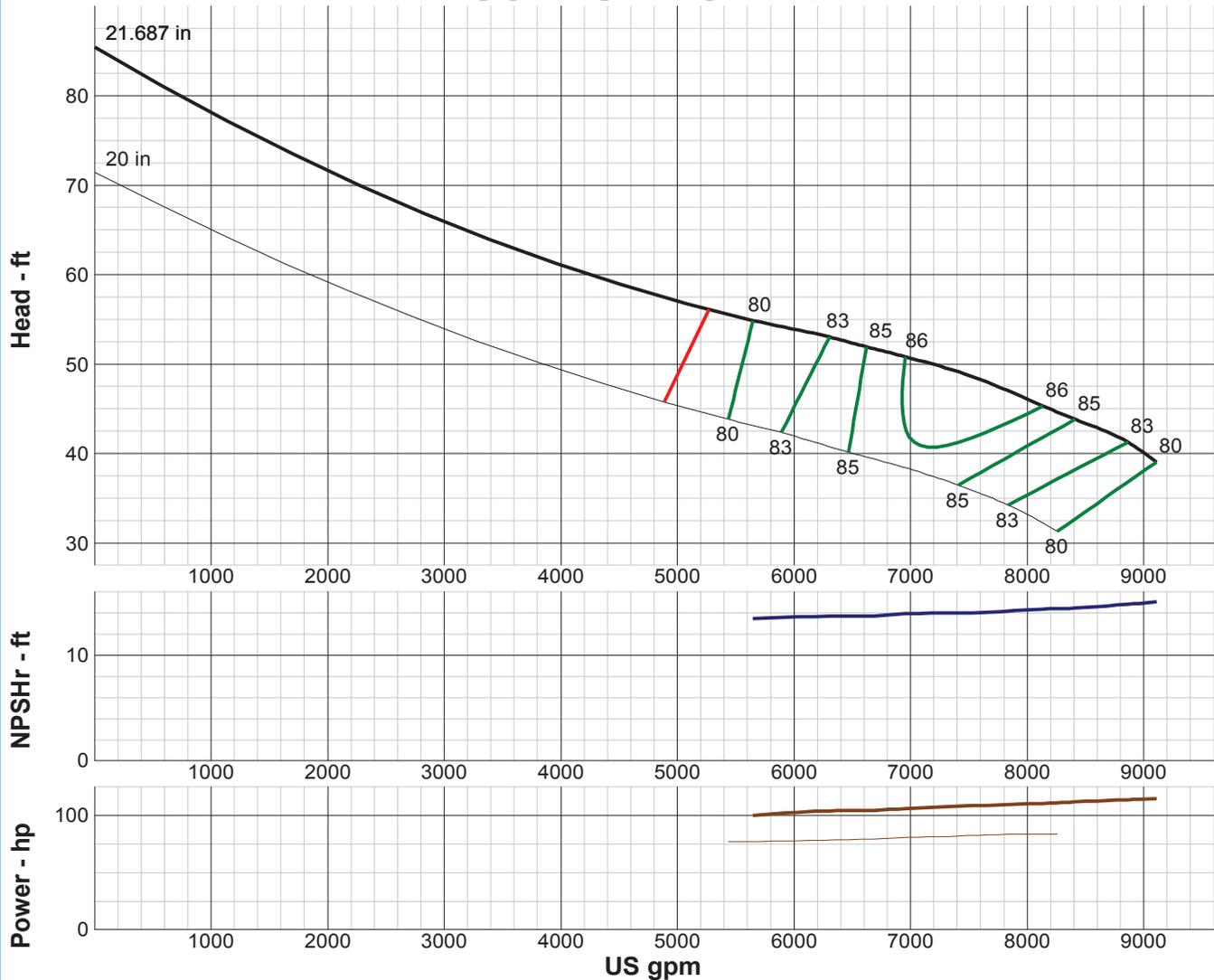


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FLC 710 RPM



IMPELLER DATA		
IMPELLER NUMBER	0192	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 60 IN.
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

FLANGED BOWL DATA	
BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

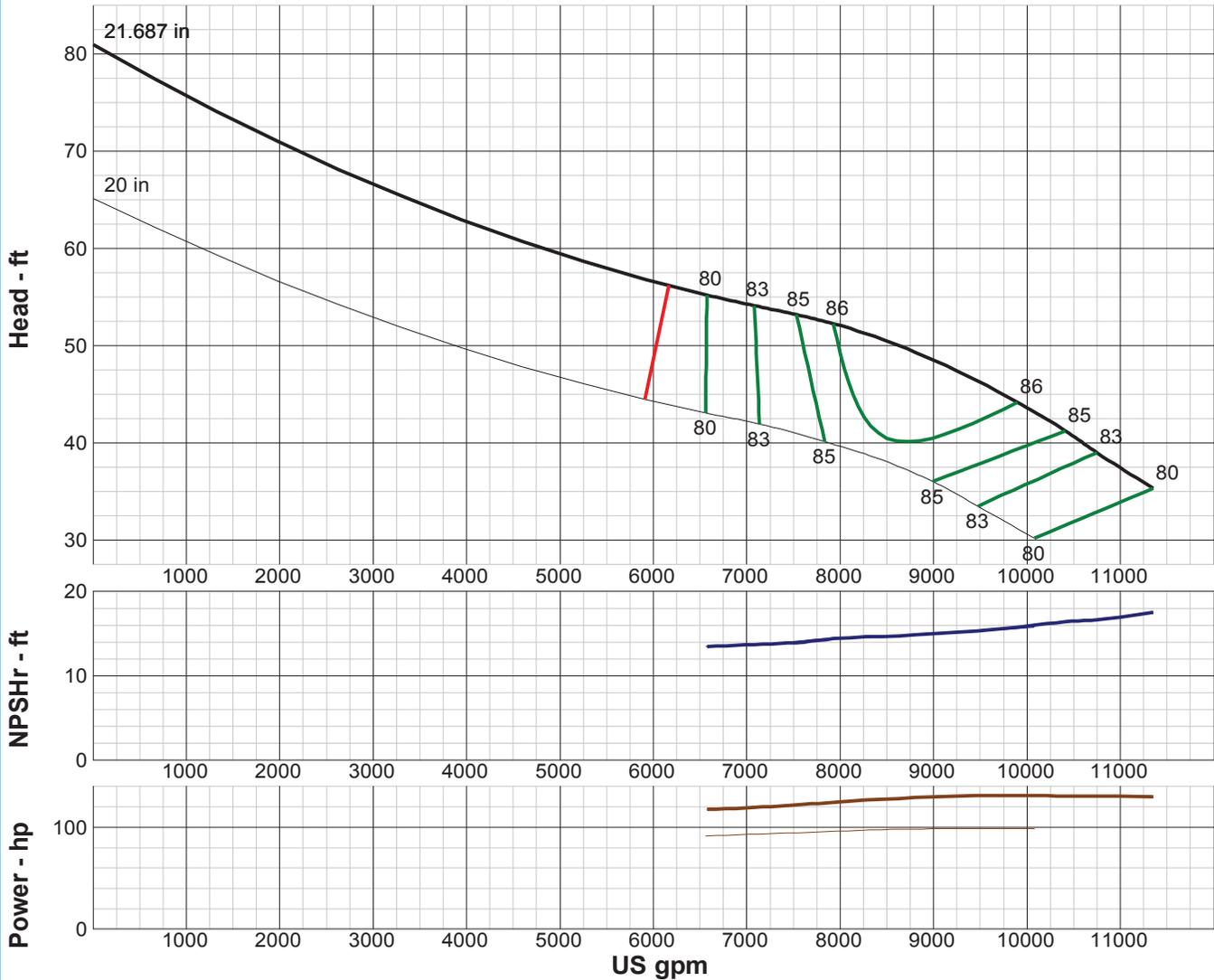


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FMC 710 RPM



IMPELLER DATA		
IMPELLER NUMBER	0193	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 50 IN.
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

FLANGED BOWL DATA	
BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	BELL
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

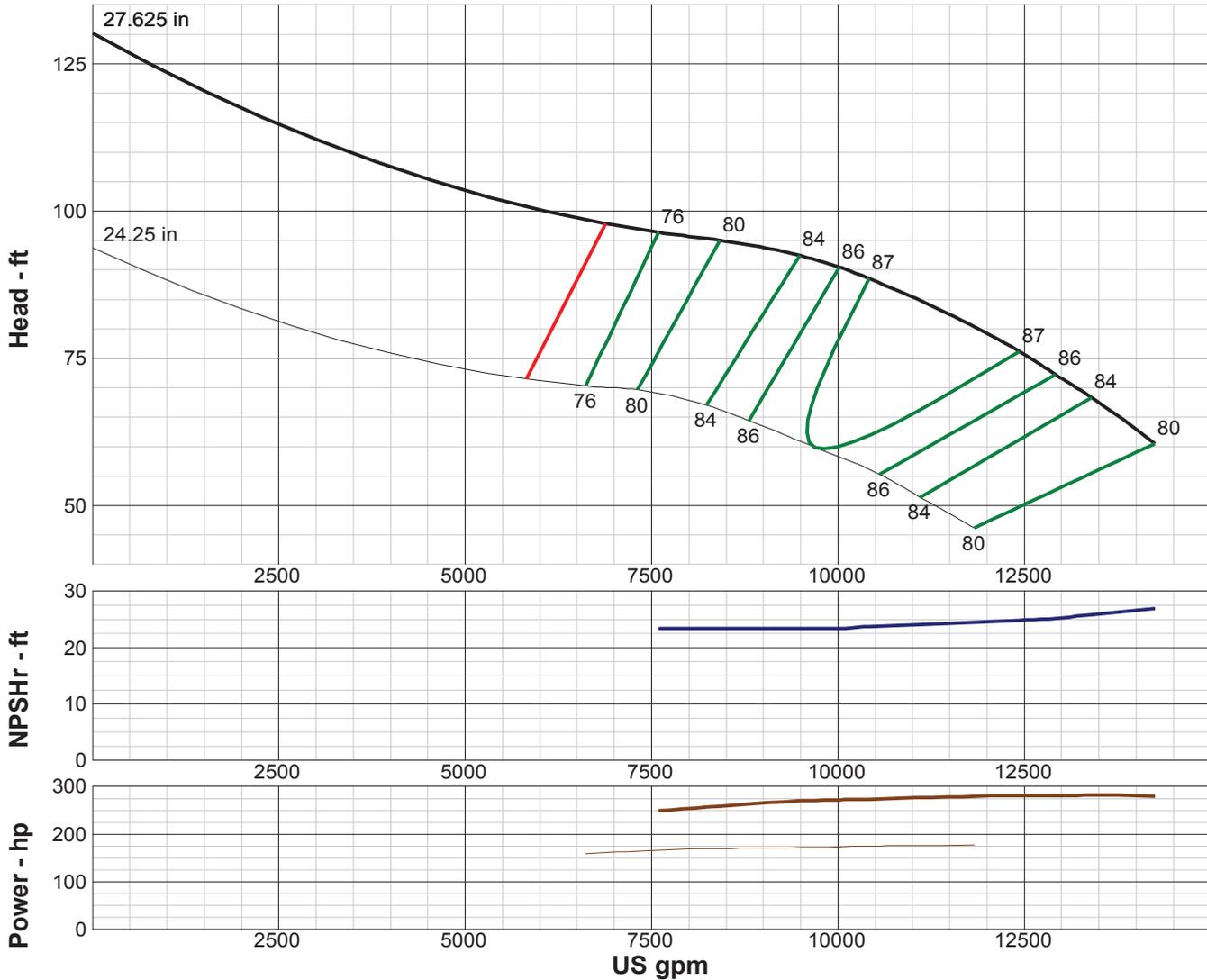


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FLC 710 RPM



IMPELLER DATA

IMPELLER NUMBER	1927	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

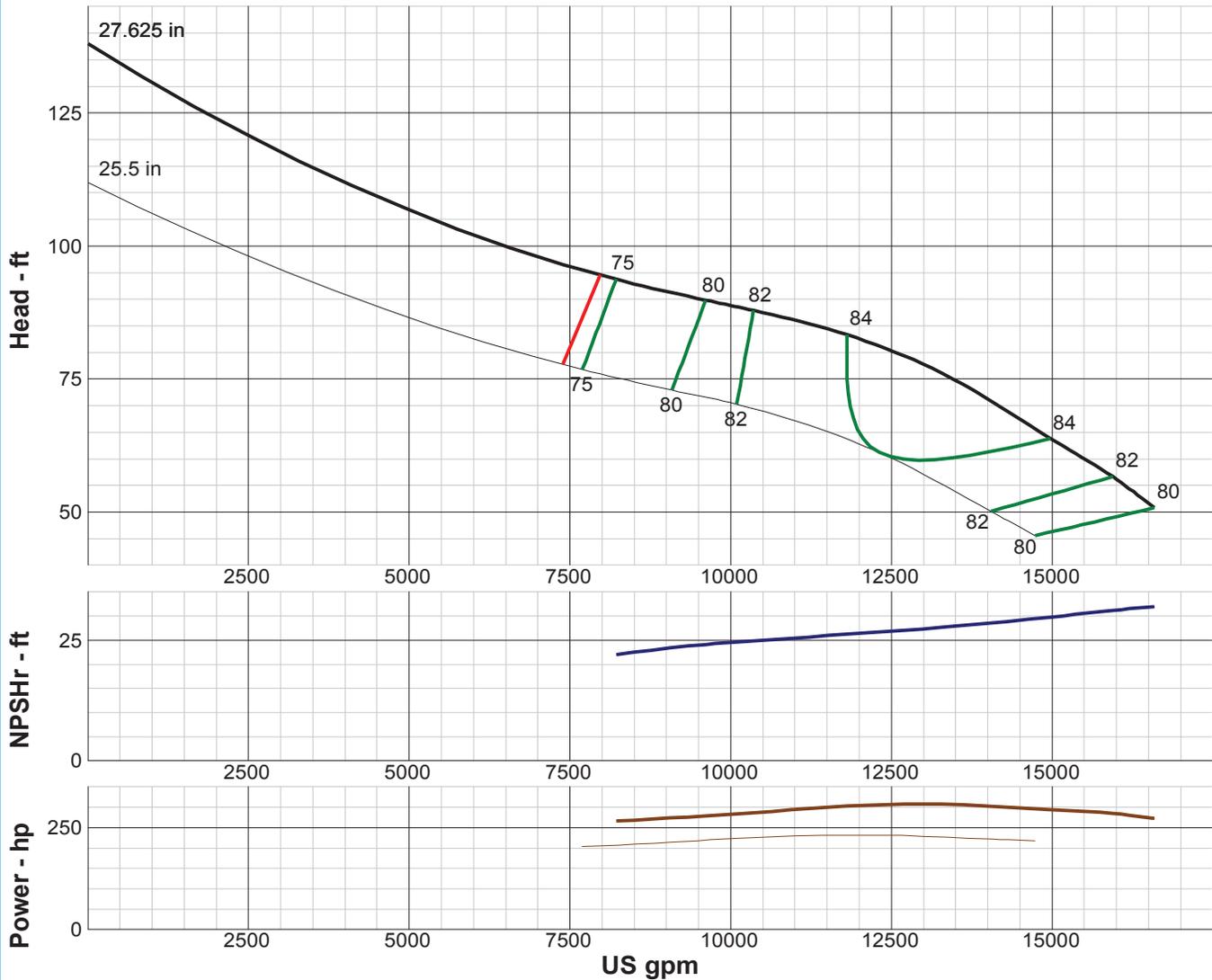


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FMC 710 RPM



IMPELLER DATA

IMPELLER NUMBER	1936	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

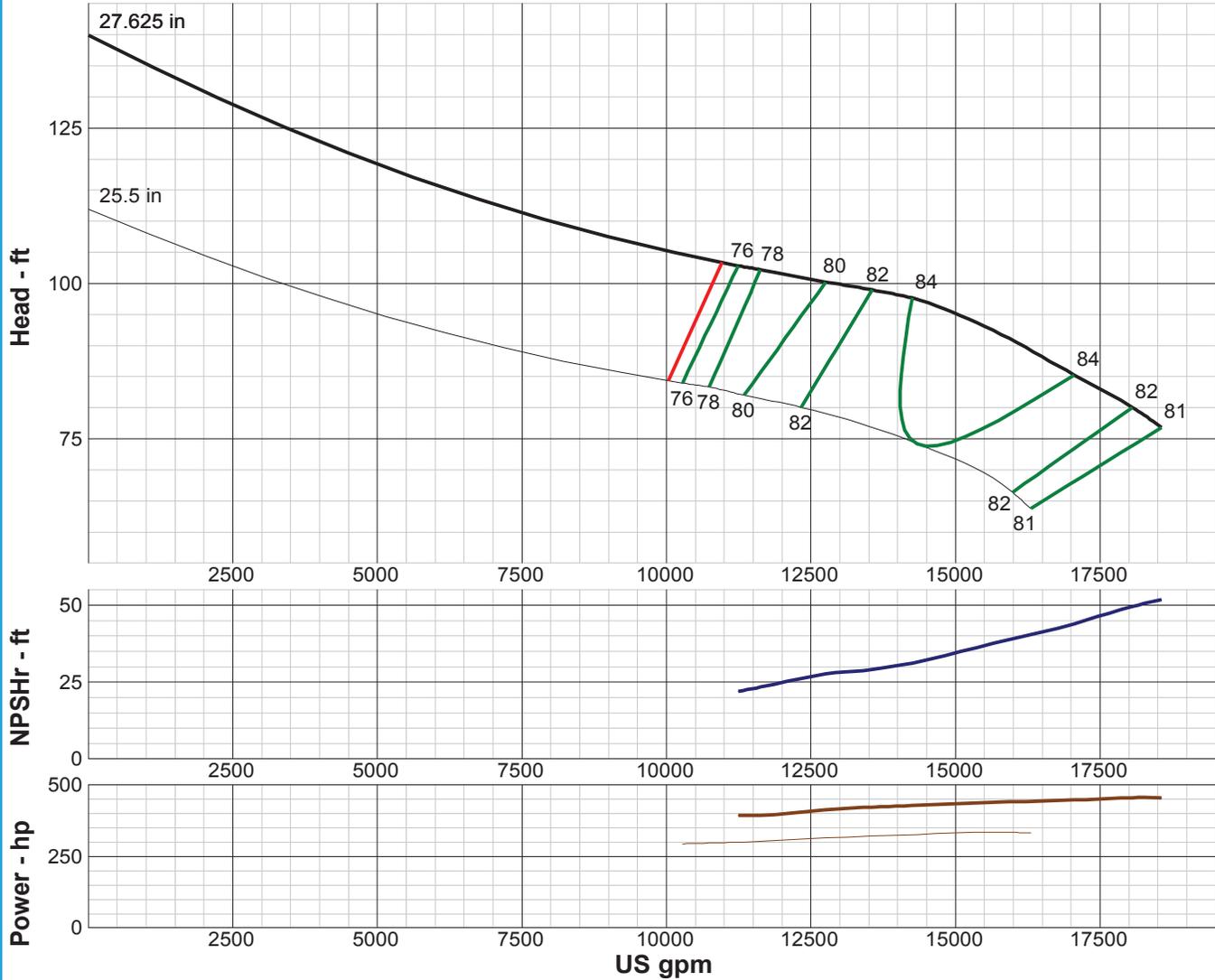


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FHC 710 RPM



IMPELLER DATA

IMPELLER NUMBER	1945	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

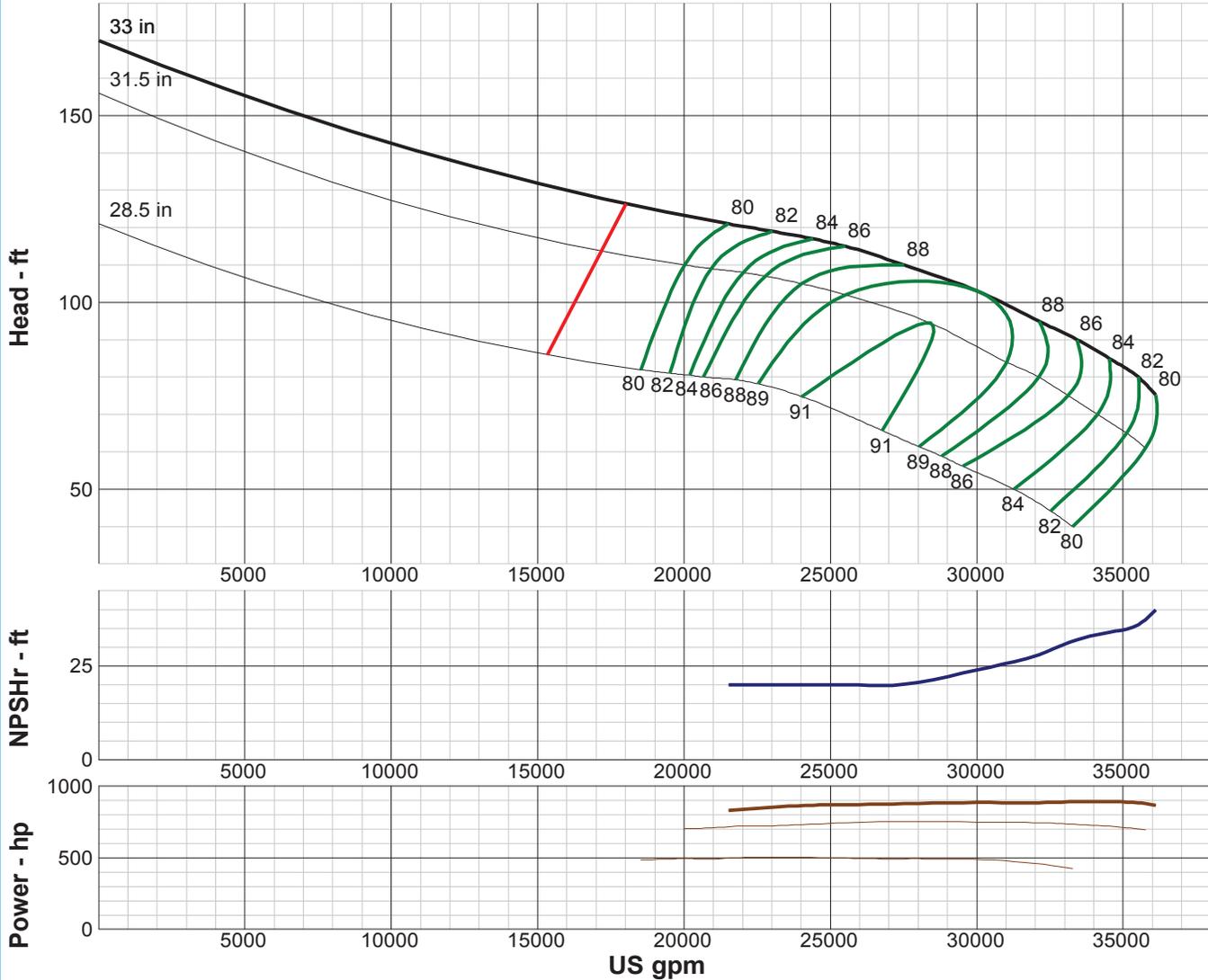


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

42FMC 710 RPM



IMPELLER DATA		
IMPELLER NUMBER	0244	TRIM ANGLE: 25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 90 IN.
THRUST FACTOR	K=150.00	
EYE AREA	390 SQ. IN.	
WEIGHT	875 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	0242
BOWL MAX. DIAMETER	42.500 IN.
BOWL MIN. DIAMETER	42.500 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	5250 LB.
ADD STAGE WEIGHT	3550 LB.
STD. SHAFT DIA.	4.000 IN.
STD. LATERAL	1.125 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	48.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	3.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

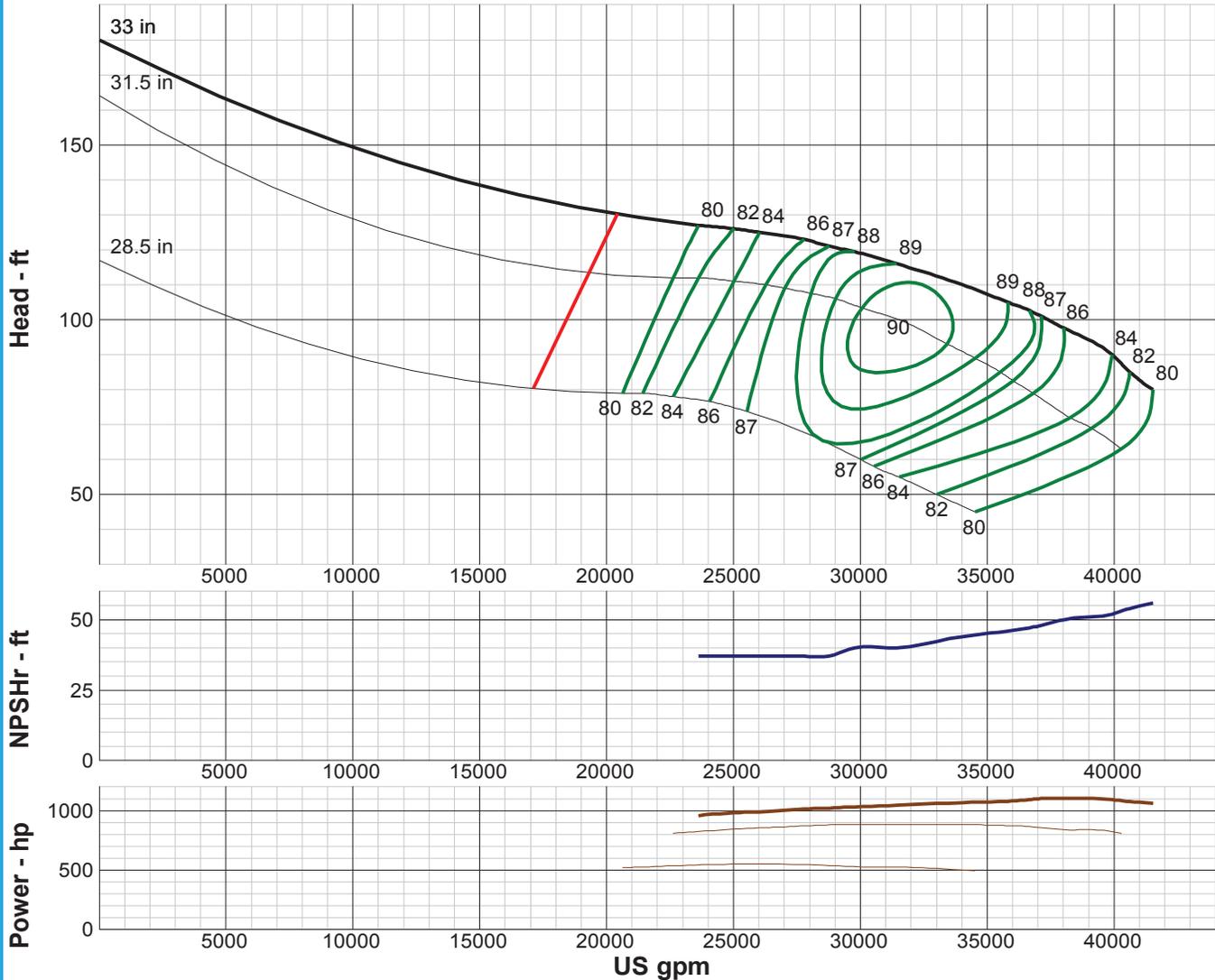


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

42FHC 710 RPM



IMPELLER DATA		
IMPELLER NUMBER	0245	TRIM ANGLE: 25° Minimum submergence above eye of bottom impeller: 90 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=150.00	
EYE AREA	390 SQ. IN.	
WEIGHT	875 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

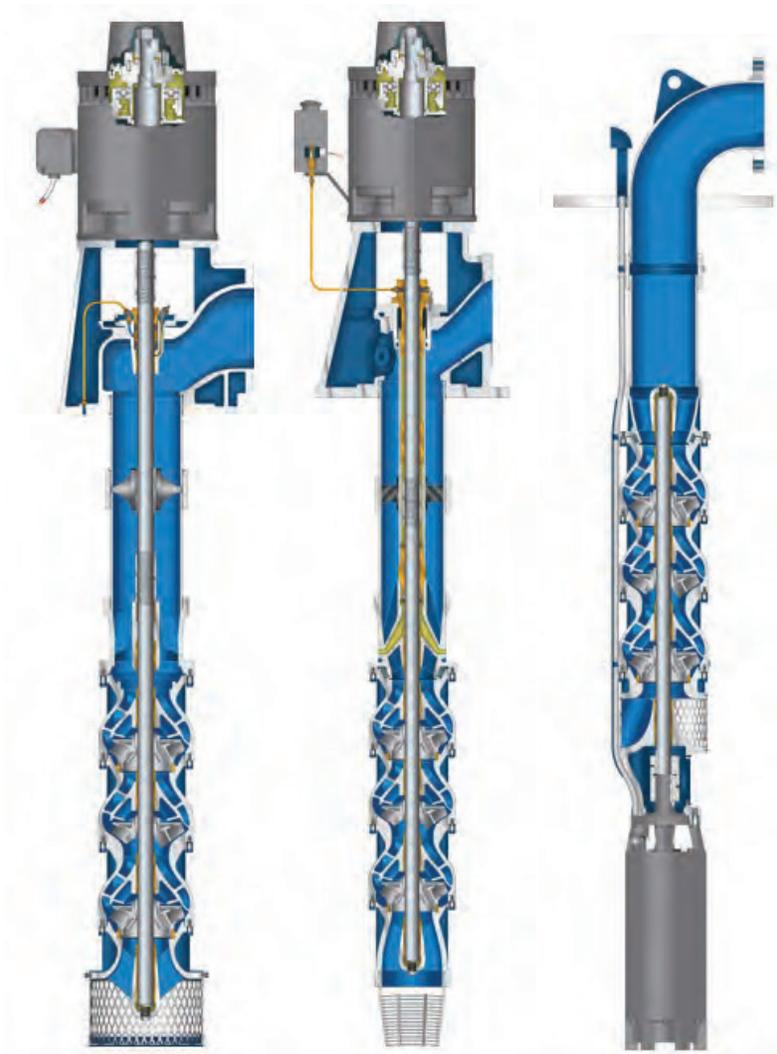
FLANGED BOWL DATA	
BOWL NUMBER	0242
BOWL MAX. DIAMETER	42.500 IN.
BOWL MIN. DIAMETER	42.500 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	5250 LB.
ADD STAGE WEIGHT	3550 LB.
STD. SHAFT DIA.	4.000 IN.
STD. LATERAL	1.125 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	48.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	3.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

PERFORMANCE CURVES

LINESHAFT & SUBMERSIBLE

590 RPM



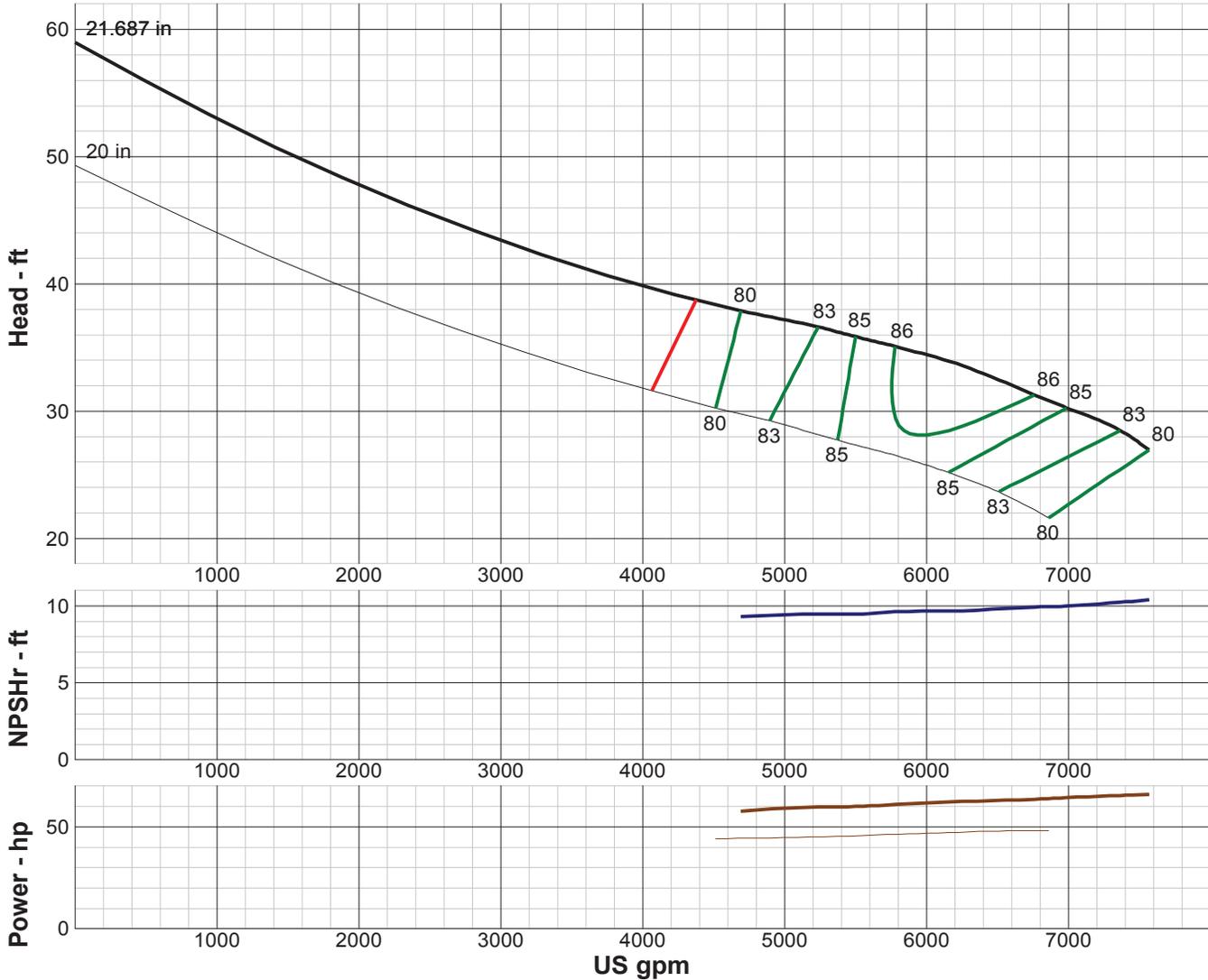


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FLC 590 RPM



IMPELLER DATA		
IMPELLER NUMBER	0192	TRIM ANGLE: 27.5° Minimum submergence above eye of bottom impeller: 60 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

FLANGED BOWL DATA	
BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	0	+1		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

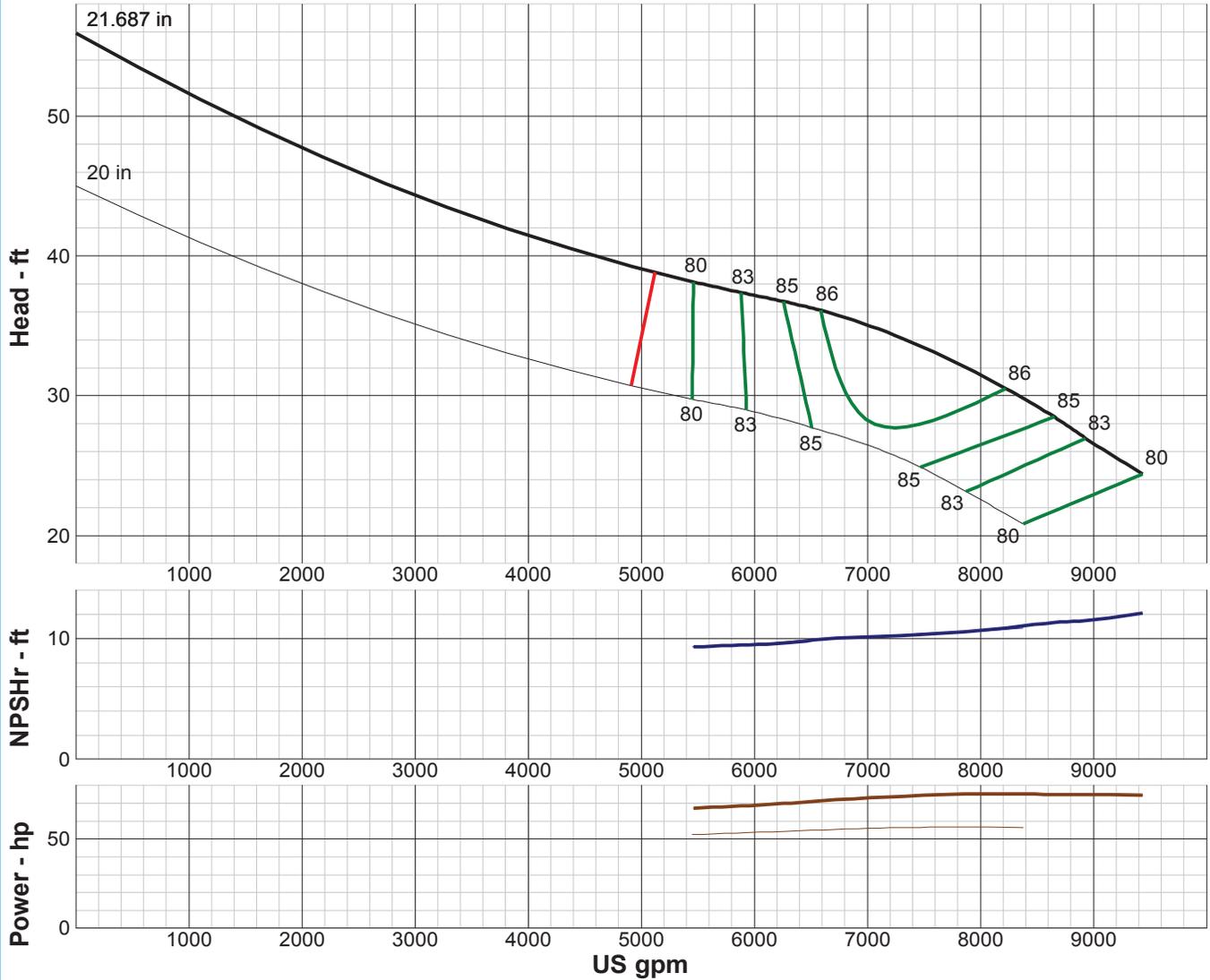


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FMC 590 RPM



IMPELLER DATA		
IMPELLER NUMBER	0193	TRIM ANGLE: 27.5° Minimum submergence above eye of bottom impeller: 50 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	BELL
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

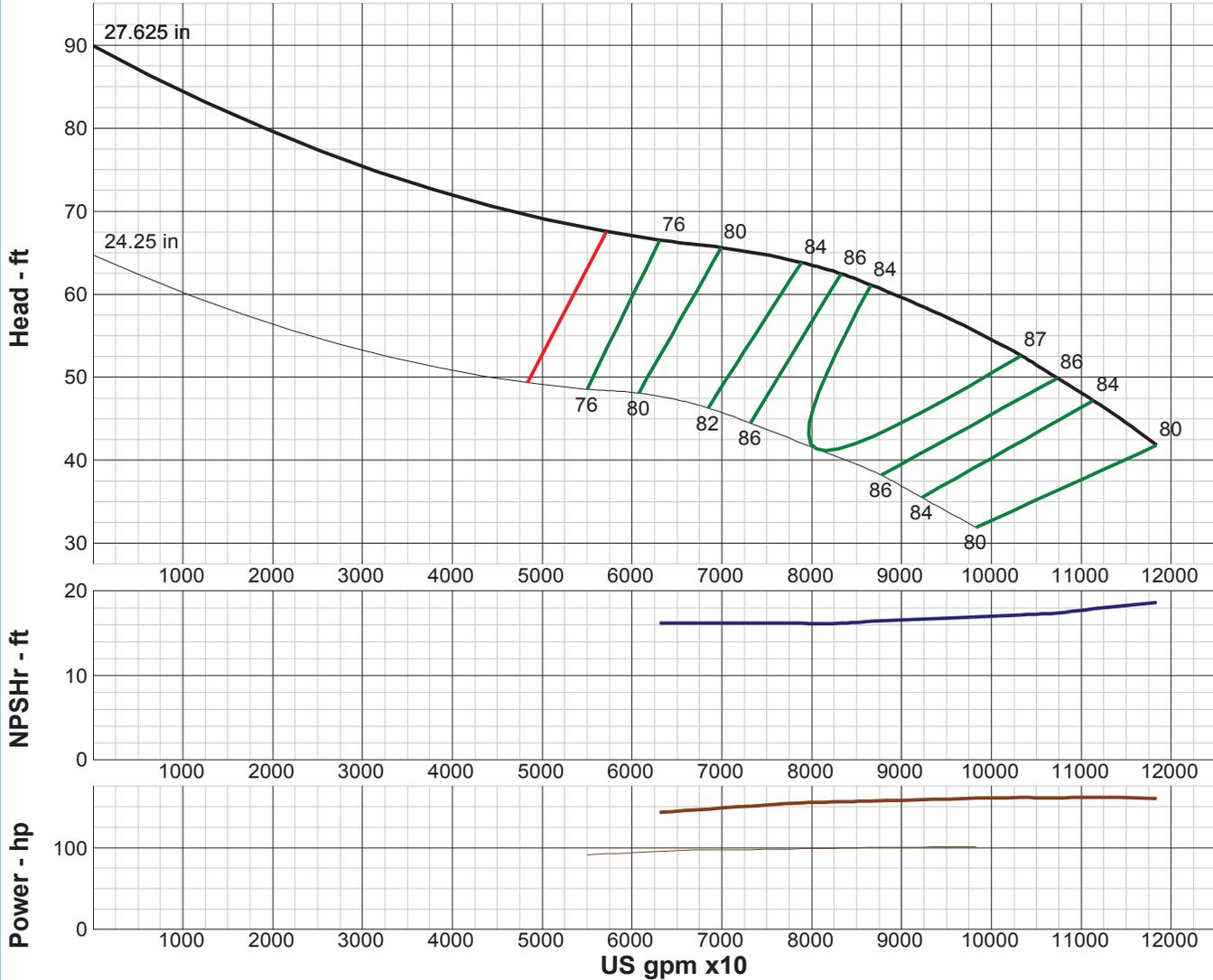


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FLC 590 RPM



IMPELLER DATA

IMPELLER NUMBER	1927	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

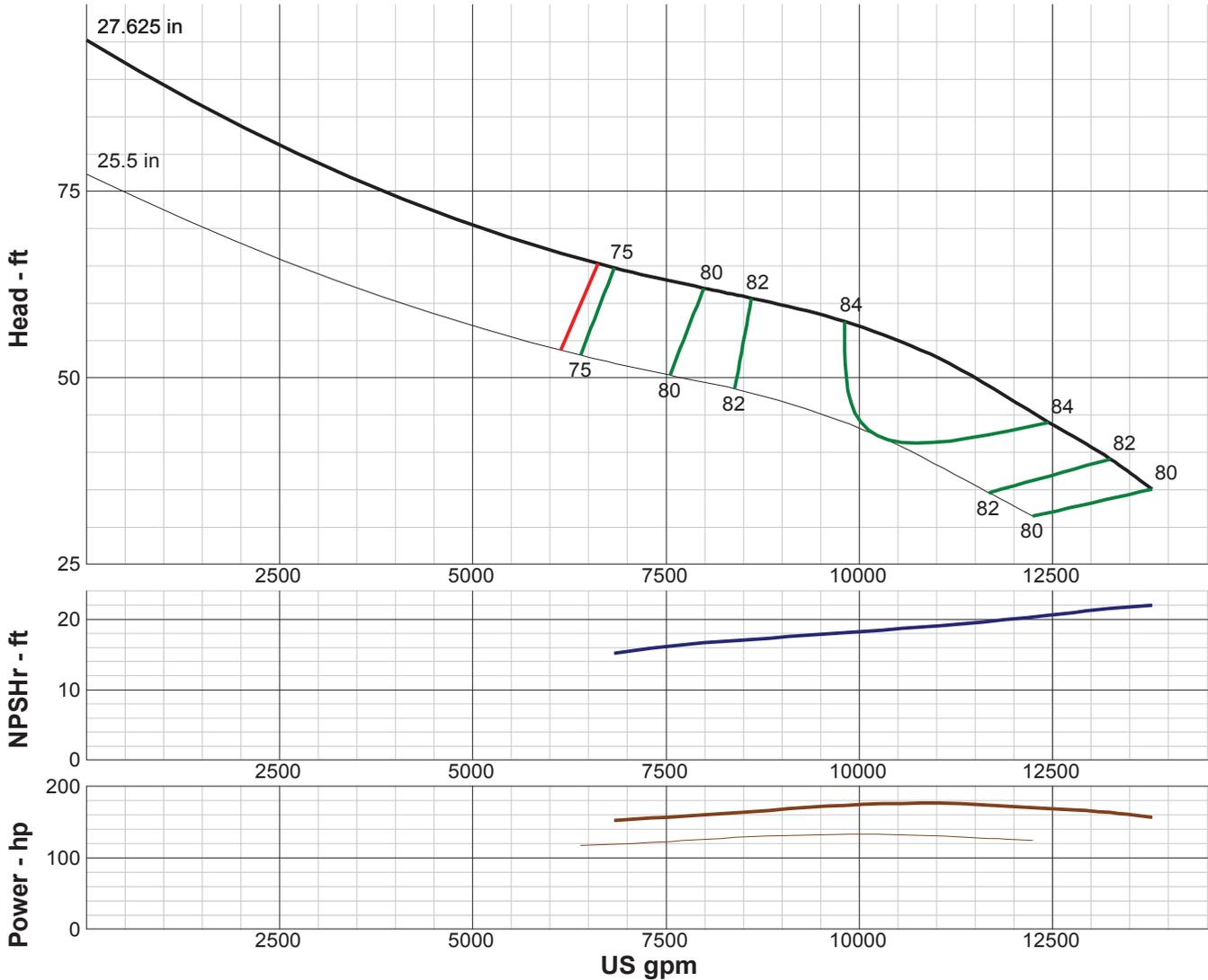


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FMC 590 RPM



IMPELLER DATA

IMPELLER NUMBER	1936	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

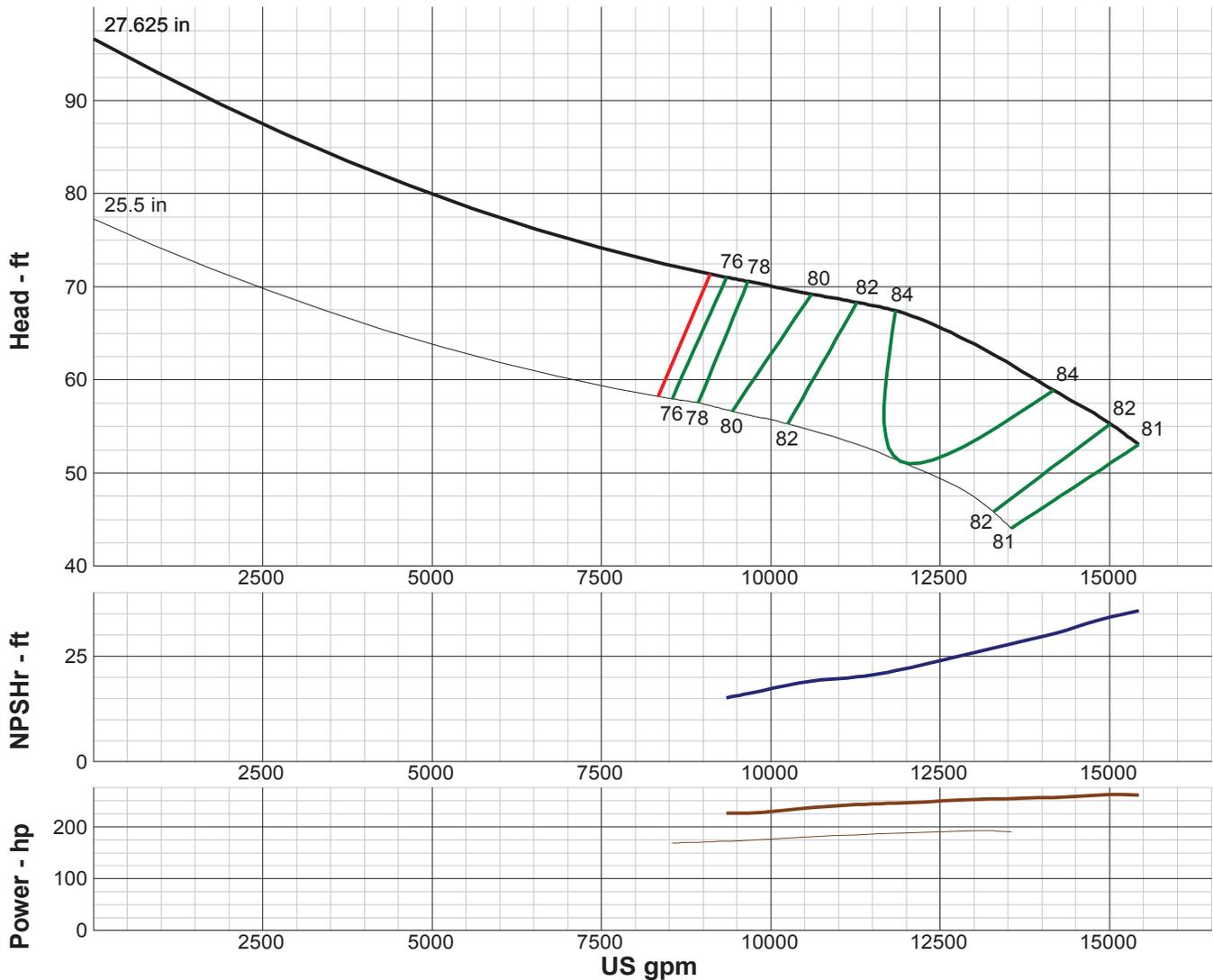


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FHC 590 RPM



IMPELLER DATA

IMPELLER NUMBER	1945	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

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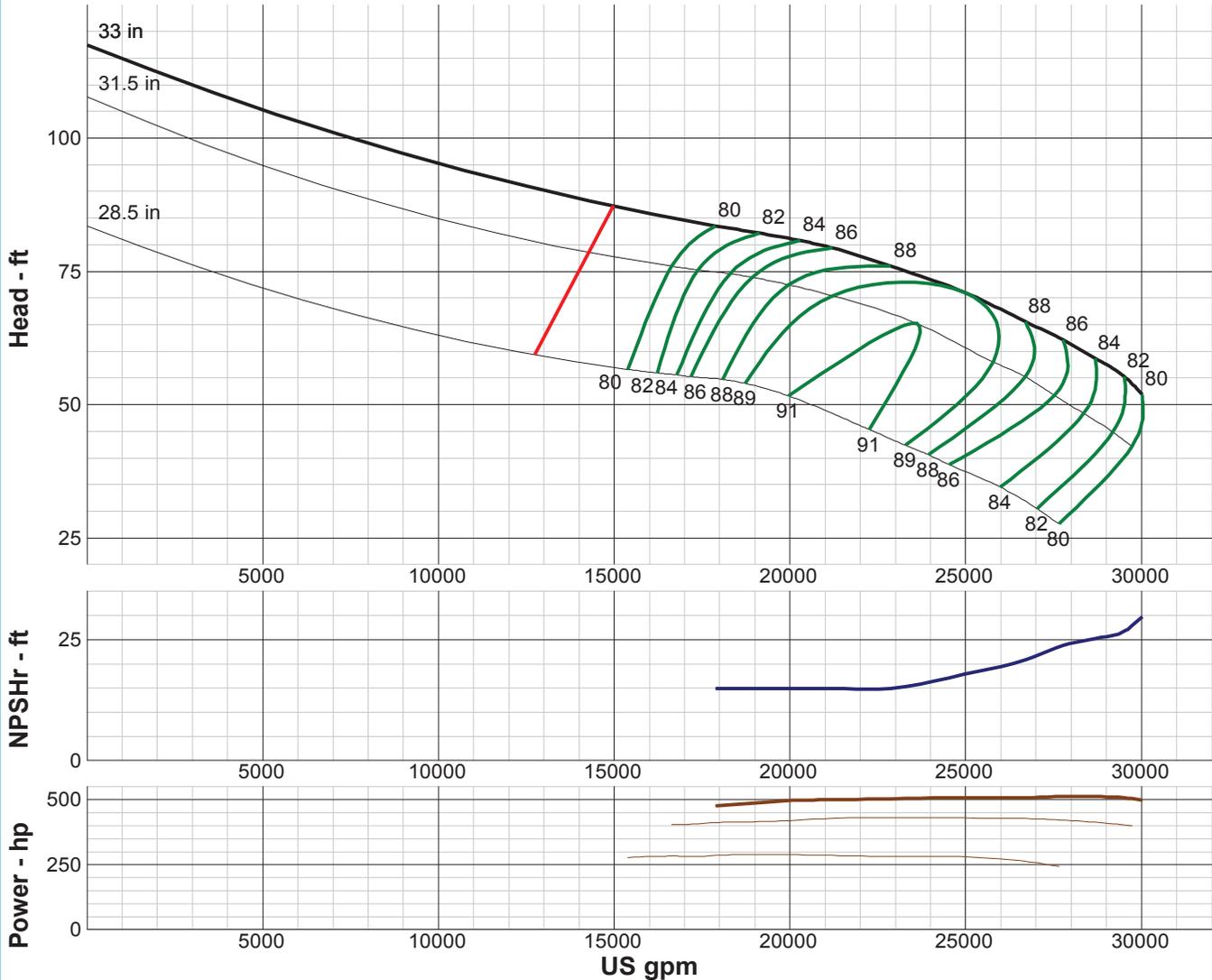


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

42FMC 590 RPM



IMPELLER DATA

IMPELLER NUMBER	0244	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 90 IN.
THRUST FACTOR	K=150.00	
EYE AREA	390 SQ. IN.	
WEIGHT	875 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0242
BOWL MAX. DIAMETER	42.500 IN.
BOWL MIN. DIAMETER	42.500 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	5250 LB.
ADD STAGE WEIGHT	3550 LB.
STD. SHAFT DIA.	4.000 IN.
STD. LATERAL	1.125 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	48.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	3.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

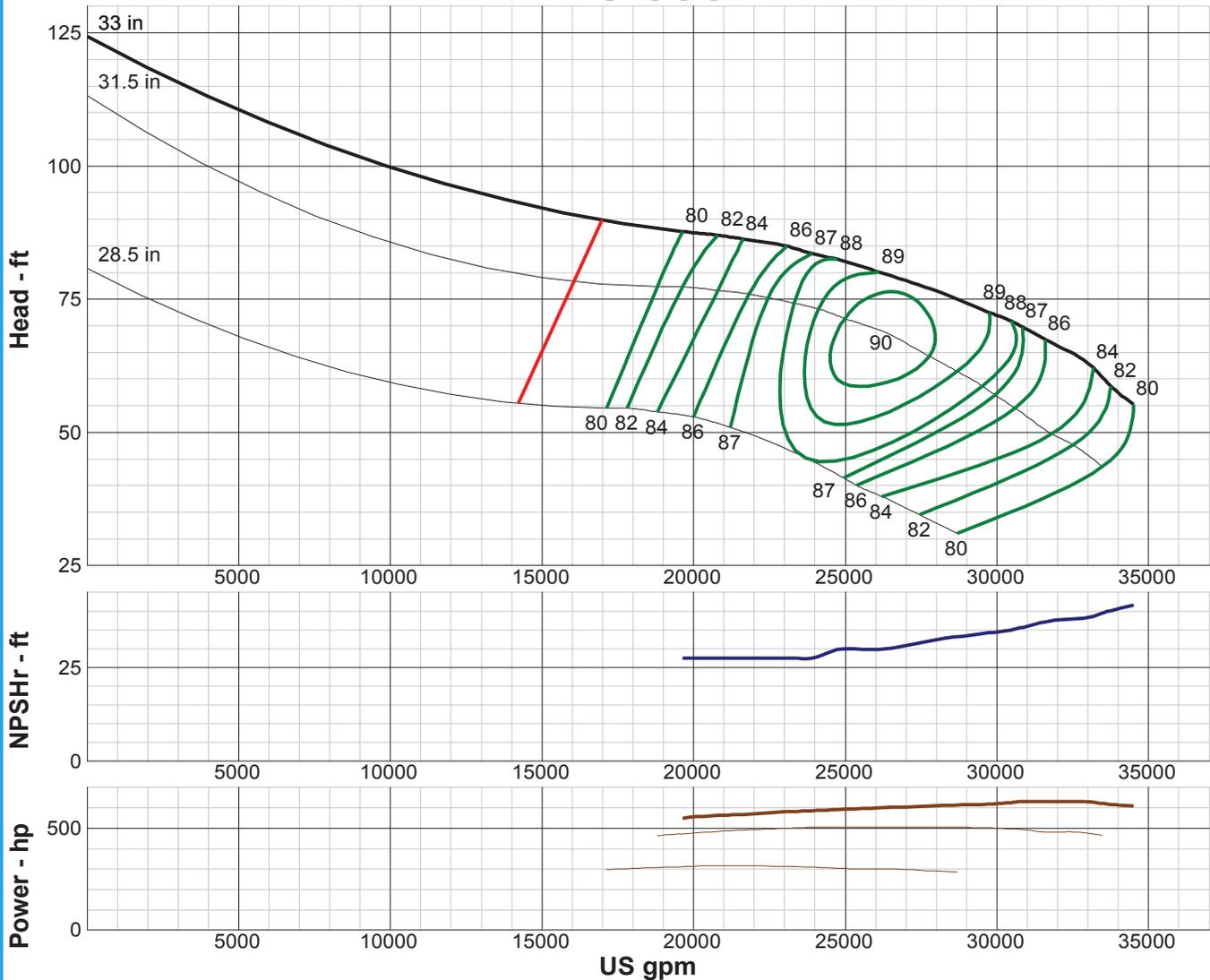


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

42FHC 590 RPM



IMPELLER DATA

IMPELLER NUMBER	0245	TRIM ANGLE: 25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 90 IN.
THRUST FACTOR	K=150.00	
EYE AREA	390 SQ. IN.	
WEIGHT	875 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

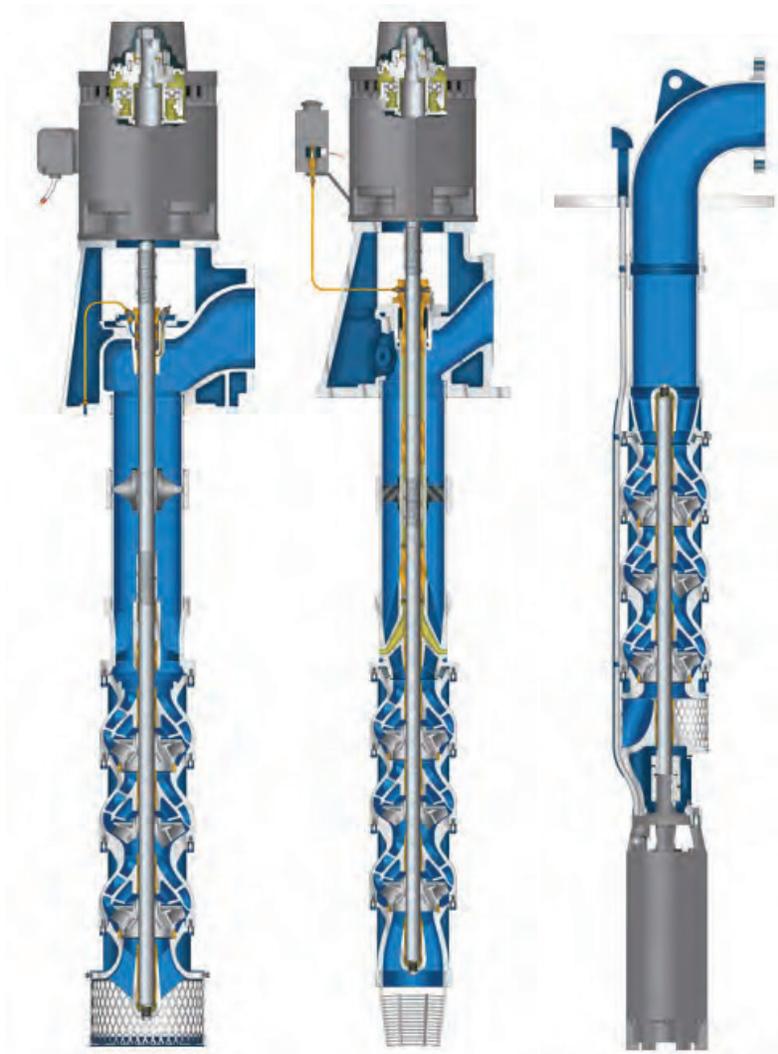
BOWL NUMBER	0242
BOWL MAX. DIAMETER	42.500 IN.
BOWL MIN. DIAMETER	42.500 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	5250 LB.
ADD STAGE WEIGHT	3550 LB.
STD. SHAFT DIA.	4.000 IN.
STD. LATERAL	1.125 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	48.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	3.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

PERFORMANCE CURVES

LINESHAFT & SUBMERSIBLE

490 RPM



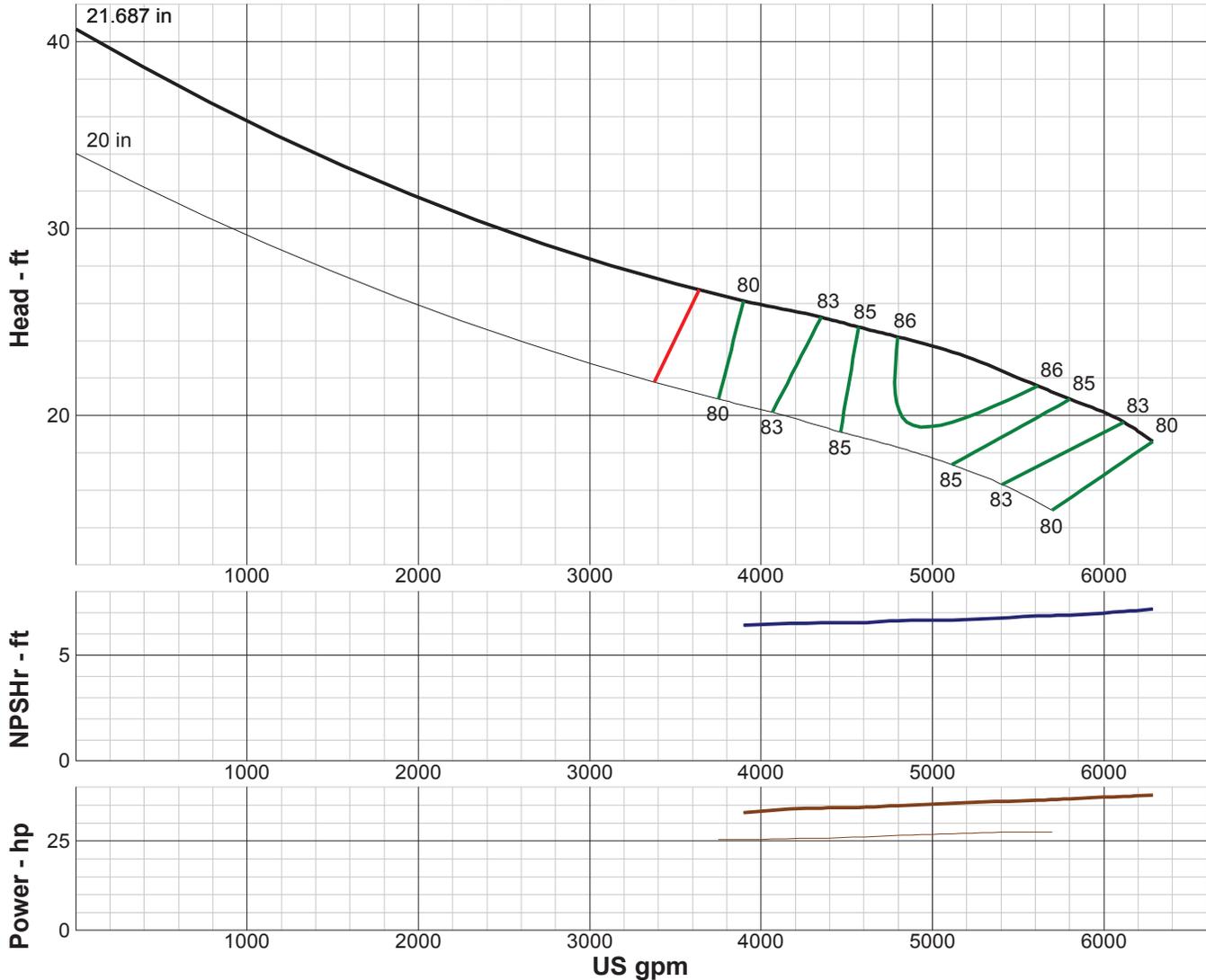


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FLC 490 RPM



IMPELLER DATA

IMPELLER NUMBER	0192	TRIM ANGLE: 27.5°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 60 IN.
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	0	+1		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

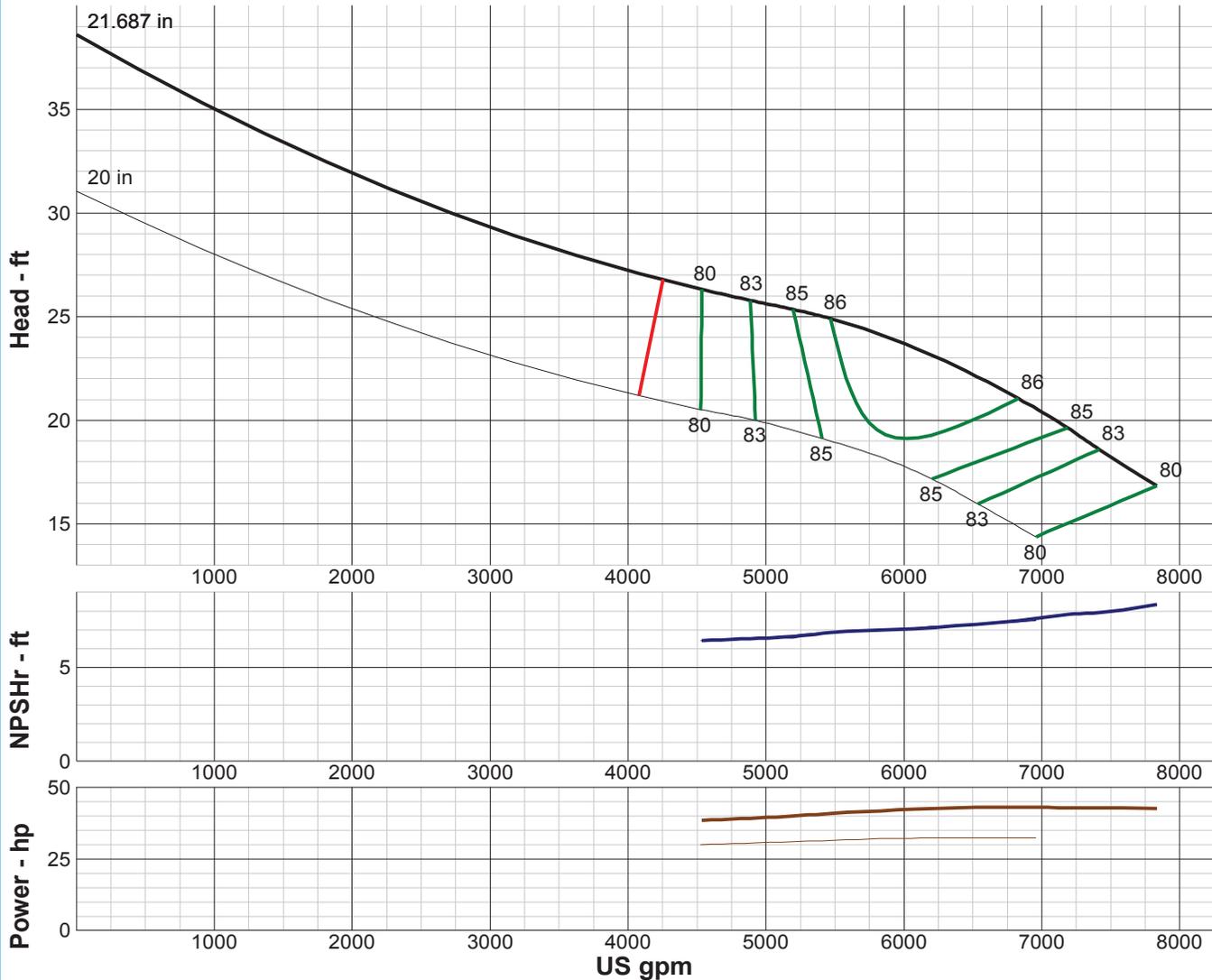


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FMC 490 RPM



IMPELLER DATA		
IMPELLER NUMBER	0193	TRIM ANGLE: 27.5° Minimum submergence above eye of bottom impeller: 50 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=67.50	
EYE AREA	175 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	0235
BOWL MAX. DIAMETER	30.000 IN.
BOWL MIN. DIAMETER	30.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.375 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	BELL
SUCTION BELL DIA.	33.250 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

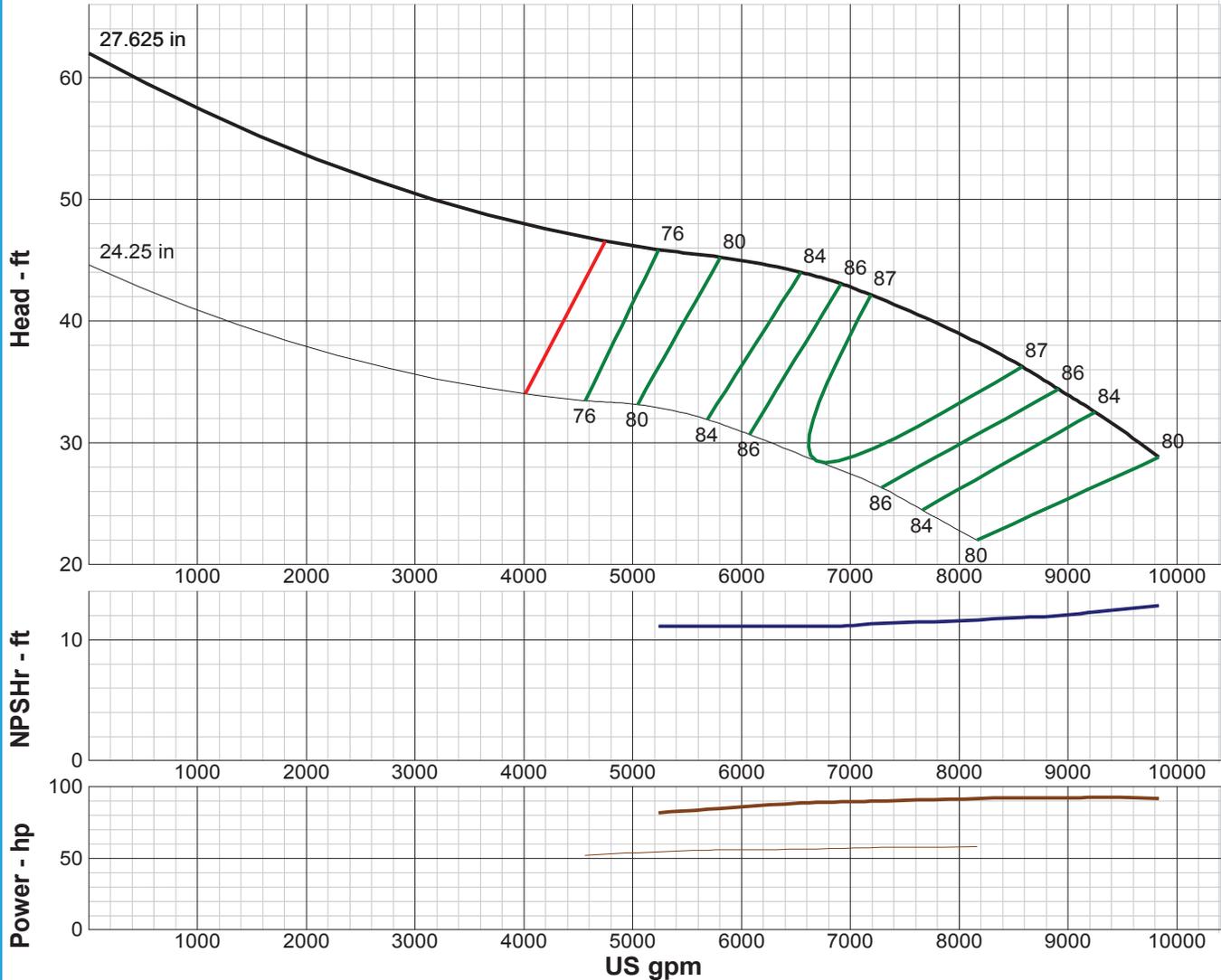


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FLC 490 RPM



IMPELLER DATA

IMPELLER NUMBER	1927	TRIM ANGLE: 20°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 65 IN.
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

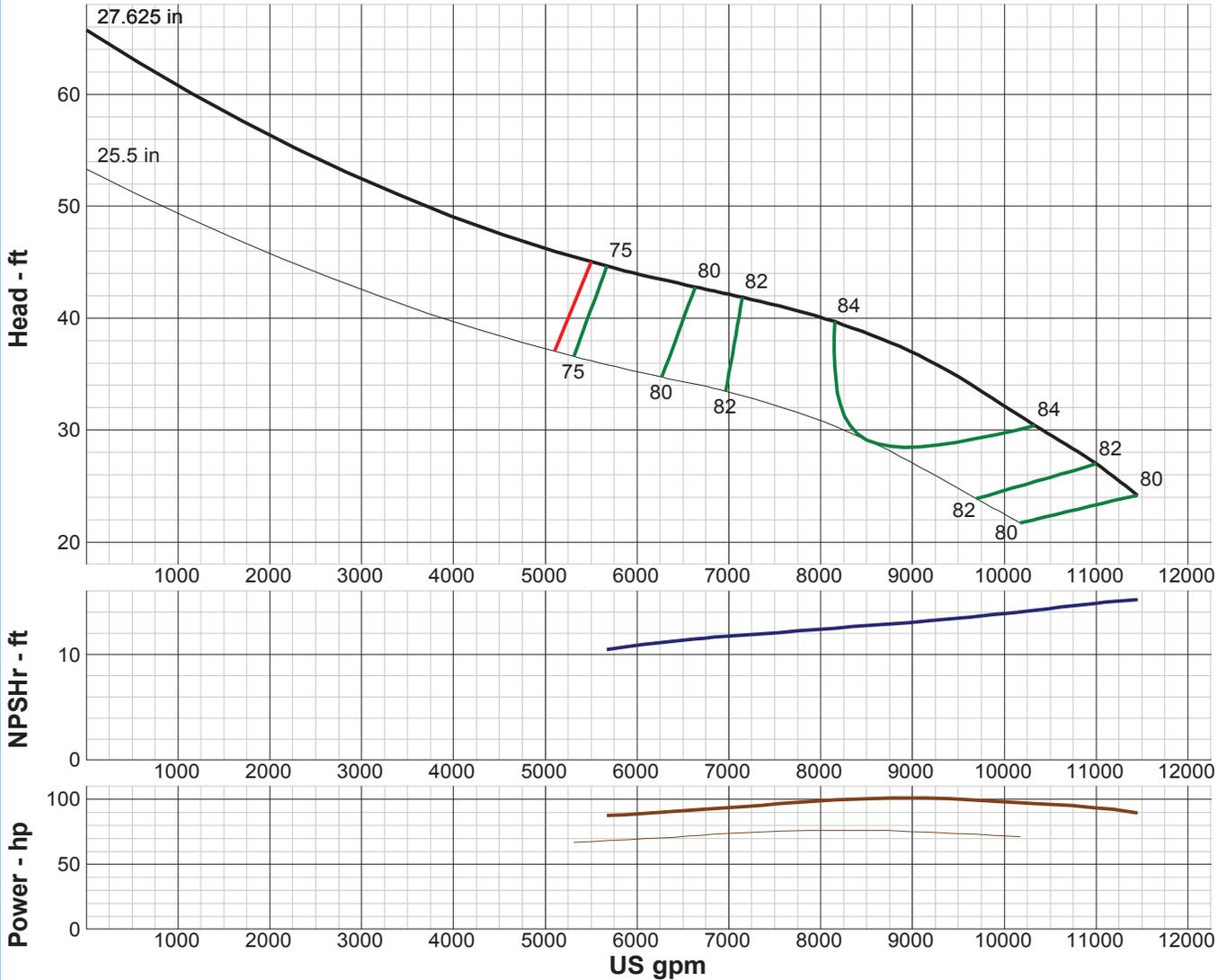


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FMC 490 RPM



IMPELLER DATA		
IMPELLER NUMBER	1936	TRIM ANGLE: 20° Minimum submergence above eye of bottom impeller: 65 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

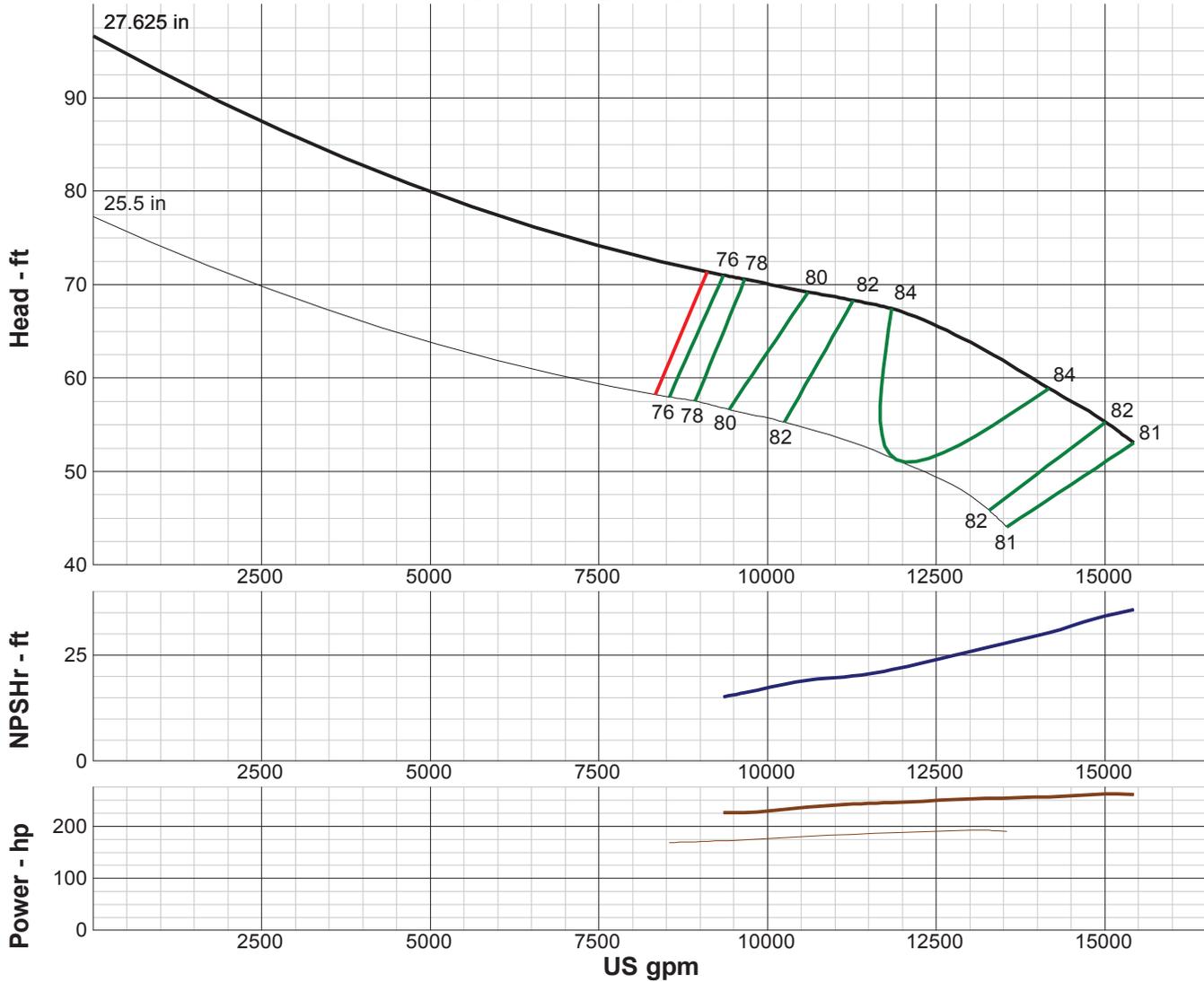


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

36FHC 490 RPM



IMPELLER DATA		
IMPELLER NUMBER	1945	TRIM ANGLE: 20° Minimum submergence above eye of bottom impeller: 65 IN.
TYPE	ENCLOSED	
THRUST FACTOR	K=94.50	
EYE AREA	215 SQ. IN.	
WEIGHT	440 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	1909
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4500 LB.
ADD STAGE WEIGHT	2000 LB.
STD. SHAFT DIA.	3.250 IN.
STD. LATERAL	1.250 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	42.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

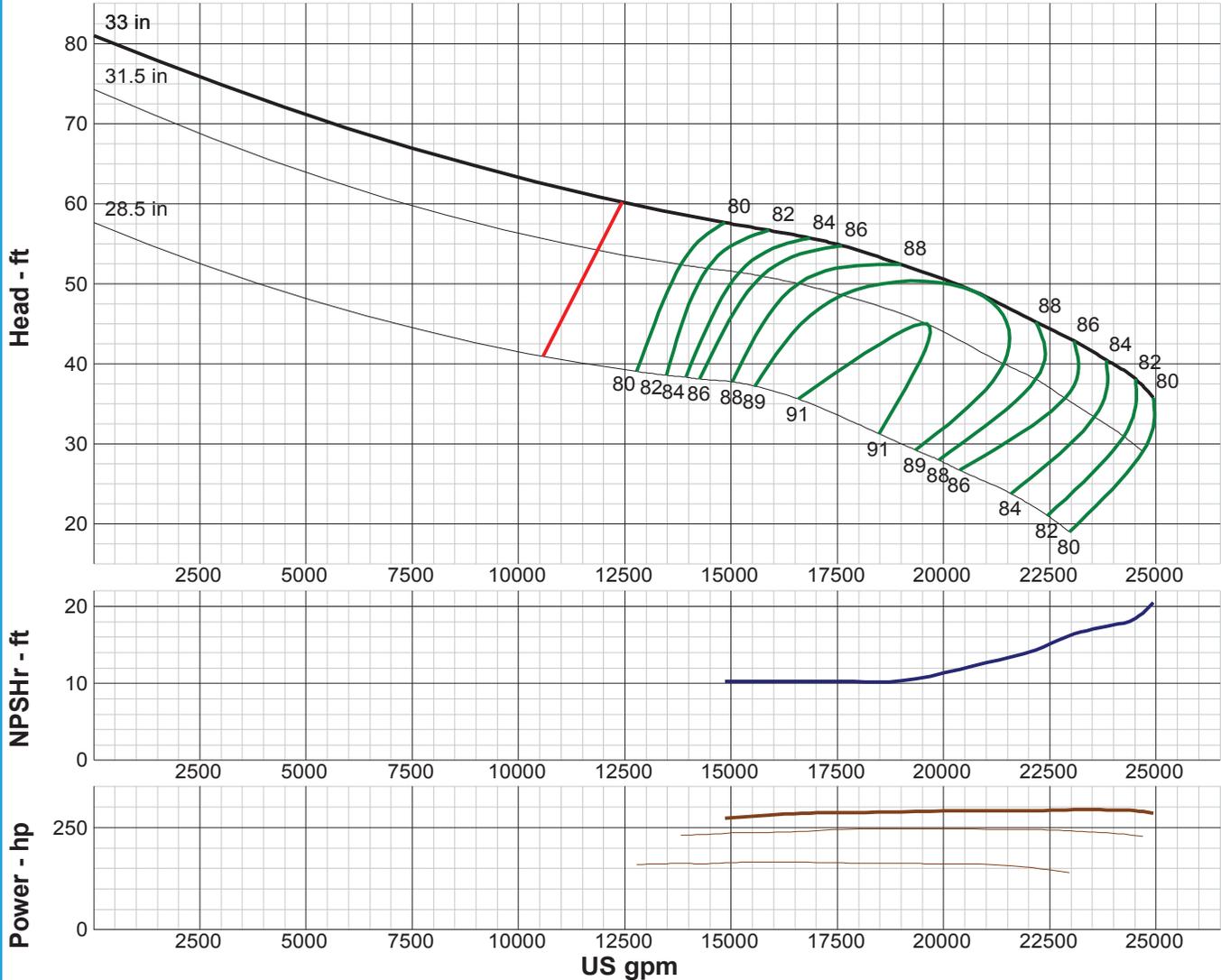


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

42FMC 490 RPM



IMPELLER DATA		
IMPELLER NUMBER	0244	TRIM ANGLE: 25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 90 IN.
THRUST FACTOR	K=150.00	
EYE AREA	390 SQ. IN.	
WEIGHT	875 LB.	

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2		
CHANGE AS FOLLOWS:	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA	
BOWL NUMBER	0242
BOWL MAX. DIAMETER	42.500 IN.
BOWL MIN. DIAMETER	42.500 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	5250 LB.
ADD STAGE WEIGHT	3550 LB.
STD. SHAFT DIA.	4.000 IN.
STD. LATERAL	1.125 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	48.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	3.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

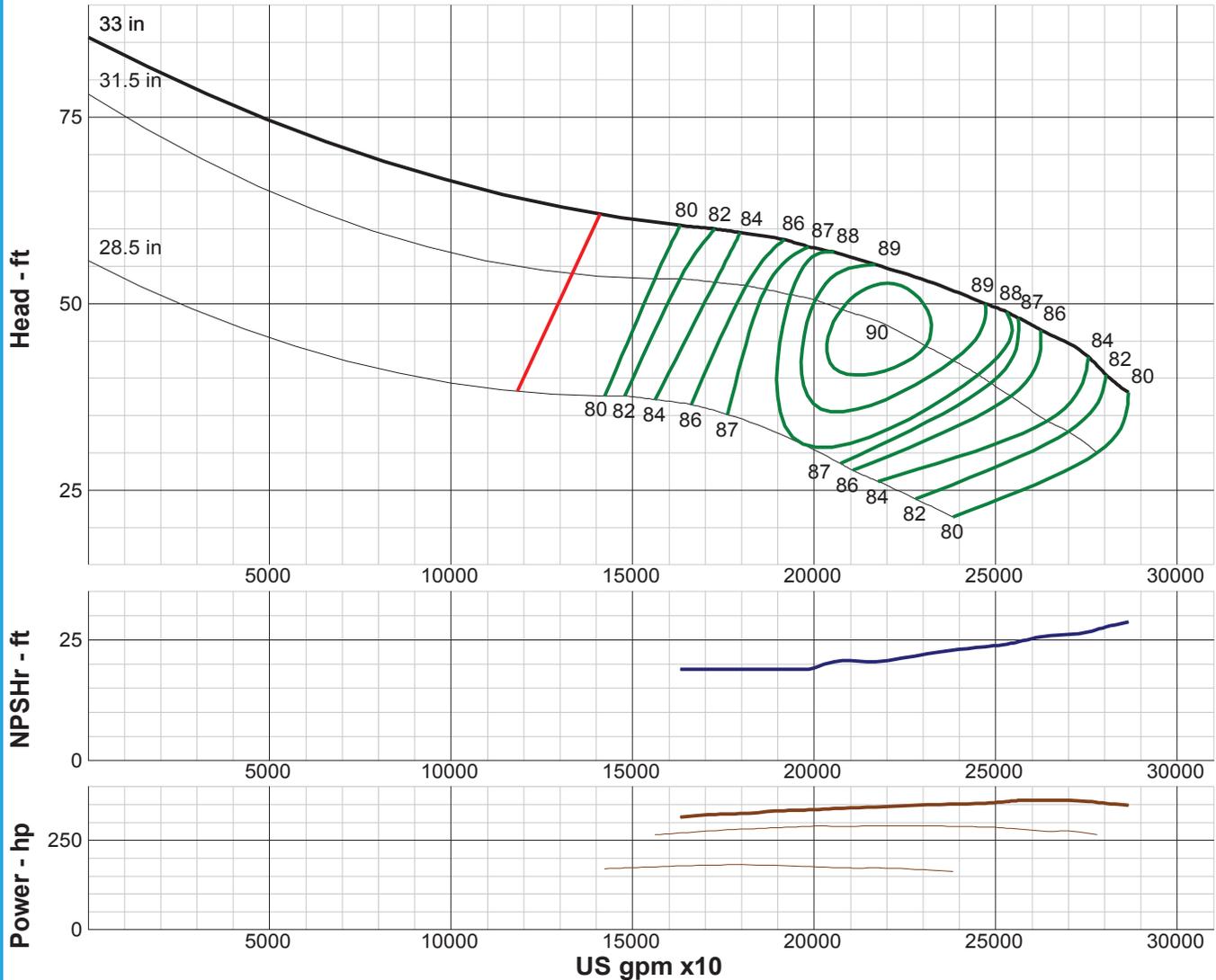


TURBINE PUMP CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

42FHC 490 RPM



IMPELLER DATA

IMPELLER NUMBER	0245	TRIM ANGLE: 25°
TYPE	ENCLOSED	Minimum submergence above eye of bottom impeller: 90 IN.
THRUST FACTOR	K=150.00	
EYE AREA	390 SQ. IN.	
WEIGHT	875 LB.	

EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-1	-1	-2

FLANGED BOWL DATA

BOWL NUMBER	0242
BOWL MAX. DIAMETER	42.500 IN.
BOWL MIN. DIAMETER	42.500 IN.
MAX. NO. STAGES	3
ONE STAGE WEIGHT	5250 LB.
ADD STAGE WEIGHT	3550 LB.
STD. SHAFT DIA.	4.000 IN.
STD. LATERAL	1.125 IN.
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION BELL DIA.	48.000 IN.
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	3.500 IN.
MAX. OPERATIONAL P.S.I.	200 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.