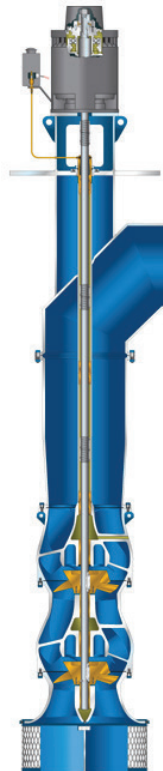


PERFORMANCE CURVES

MIXED FLOW

1760 RPM



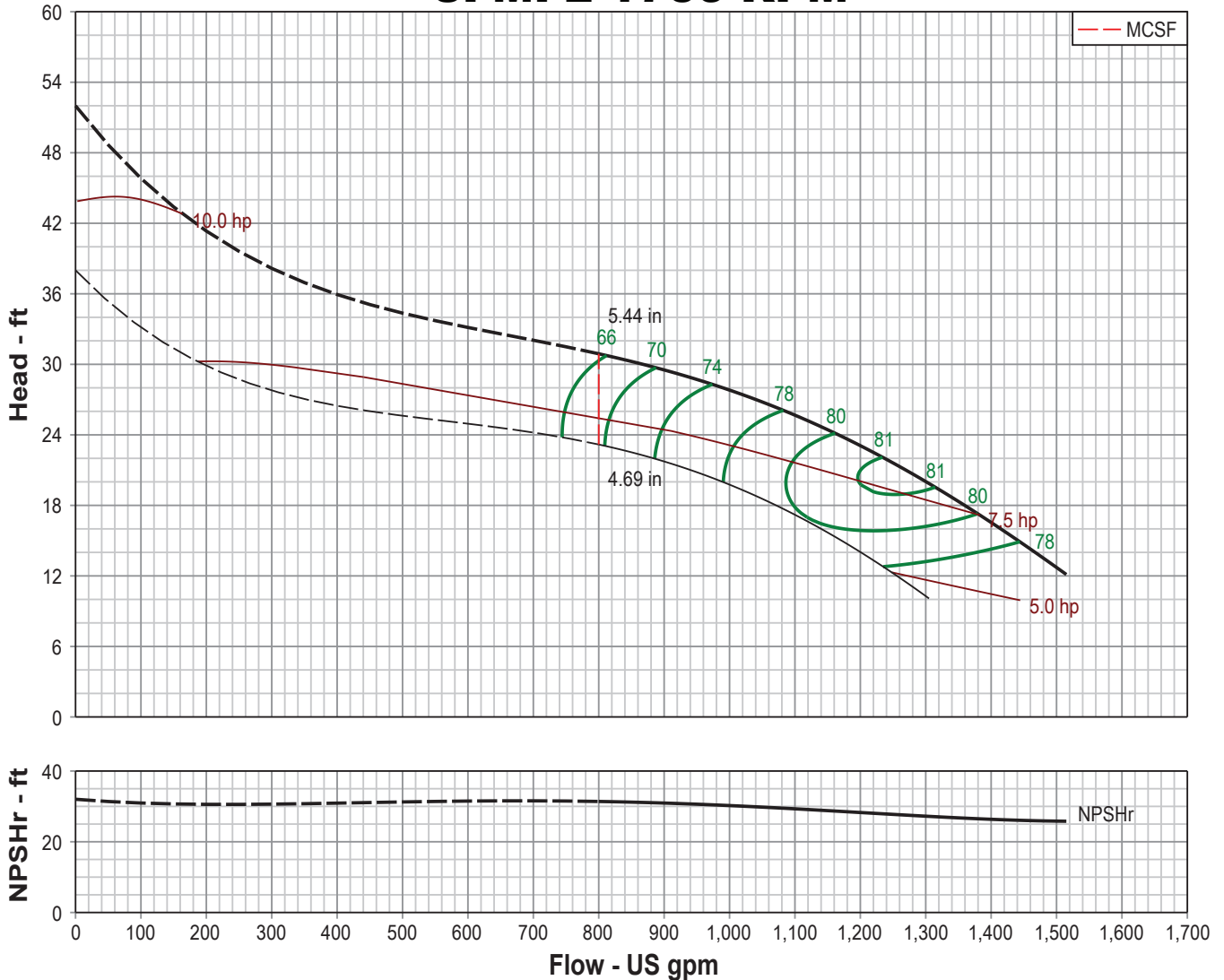


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FMFL 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF8L	Minimum submergence above eye of bottom impeller: 21 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=14	
WR ²	0.32	
WEIGHT	12 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL8LM
BOWL MAX. DIAMETER	10.125 IN.
BOWL MIN. DIAMETER	10.125 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	114 LB.
ADD STAGE WEIGHT	64 LB.
STD. SHAFT DIA.	1.000 IN.
DISCHARGE SIZE	10 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	12.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	0.875 IN.

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.

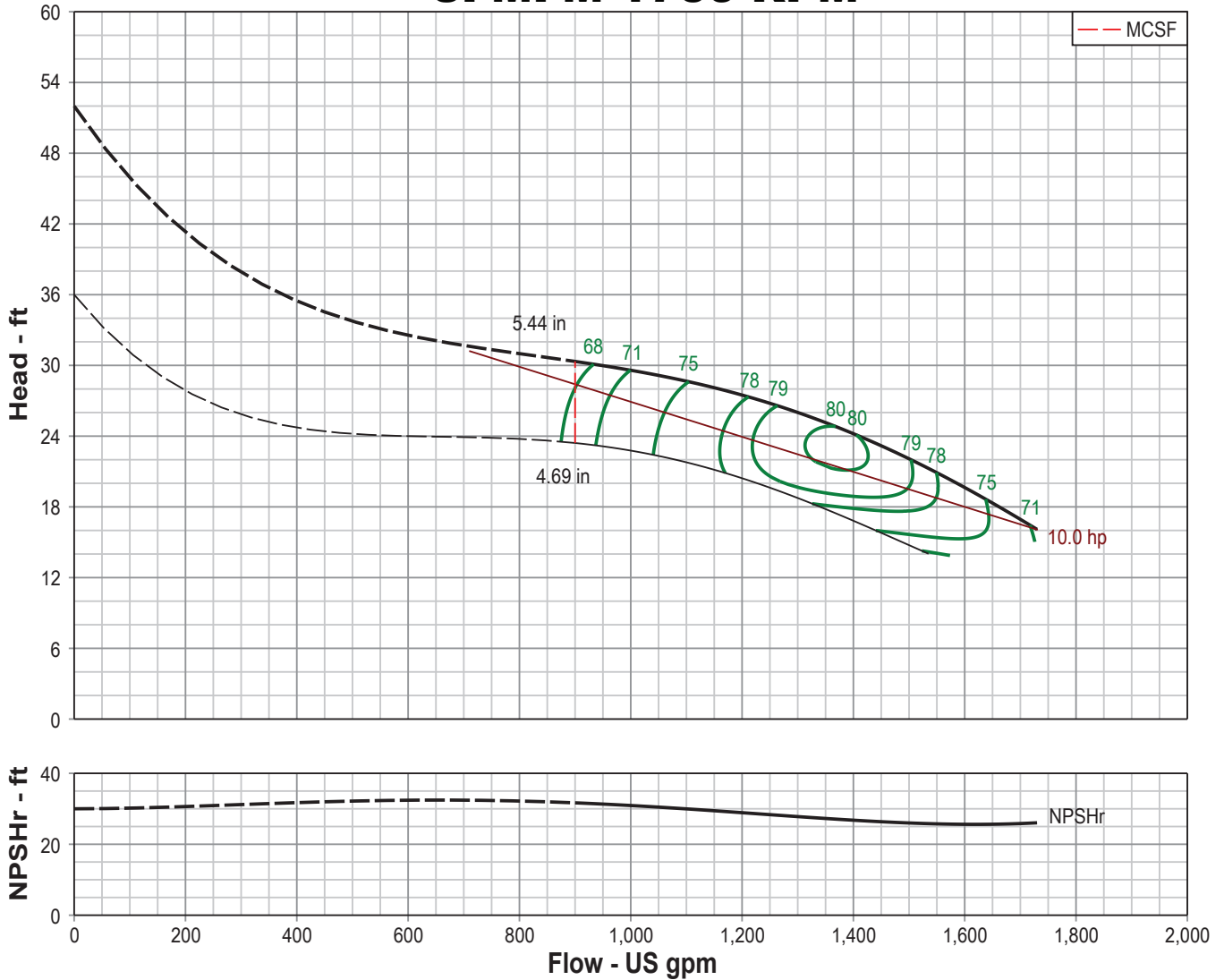


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FMFM 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF8M	Minimum submergence above eye of bottom impeller: 21 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=14	
WR ²	0.32	
WEIGHT	12 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL8LM
BOWL MAX. DIAMETER	10.125 IN.
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MAX. NO. STAGES	2
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DISCHARGE SIZE	10 IN.
DISCHARGE CONNECTION	FLG
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SUCTION CONNECTION	FLG
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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.

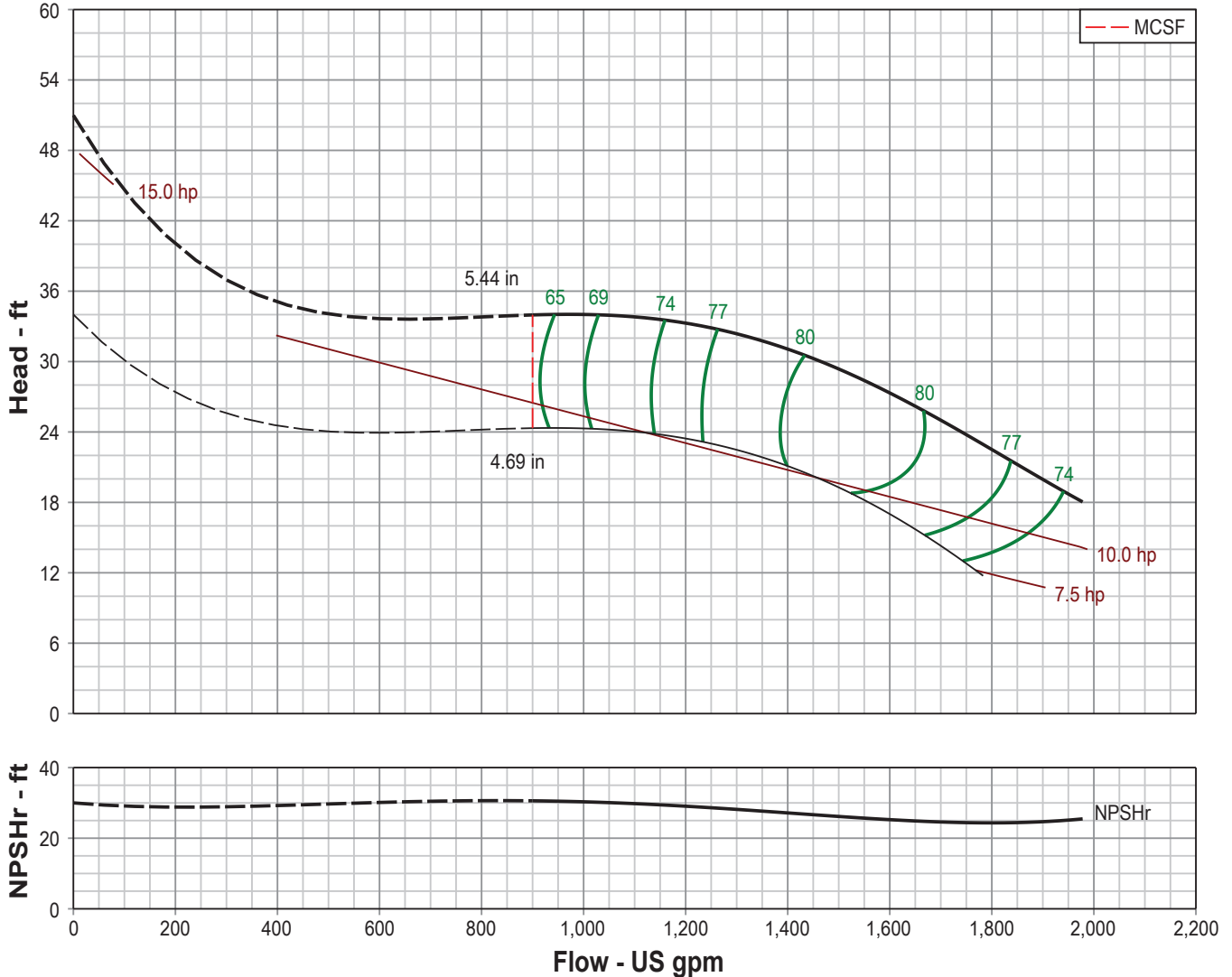


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

8FMFP 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF8P	Minimum submergence above eye of bottom impeller: 21 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=14	
WR ²	0.32	
WEIGHT	12 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL8P
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MAX. NO. STAGES	2
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STD. SHAFT DIA.	1.000 IN.
DISCHARGE SIZE	10 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	12.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	0.875 IN.

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.

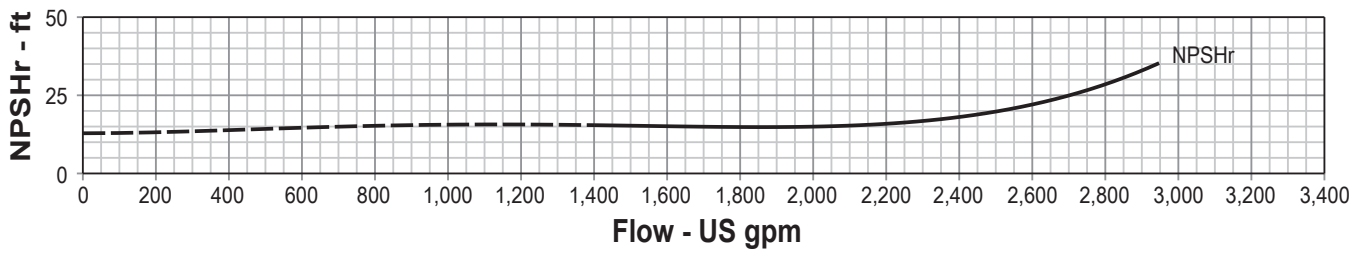
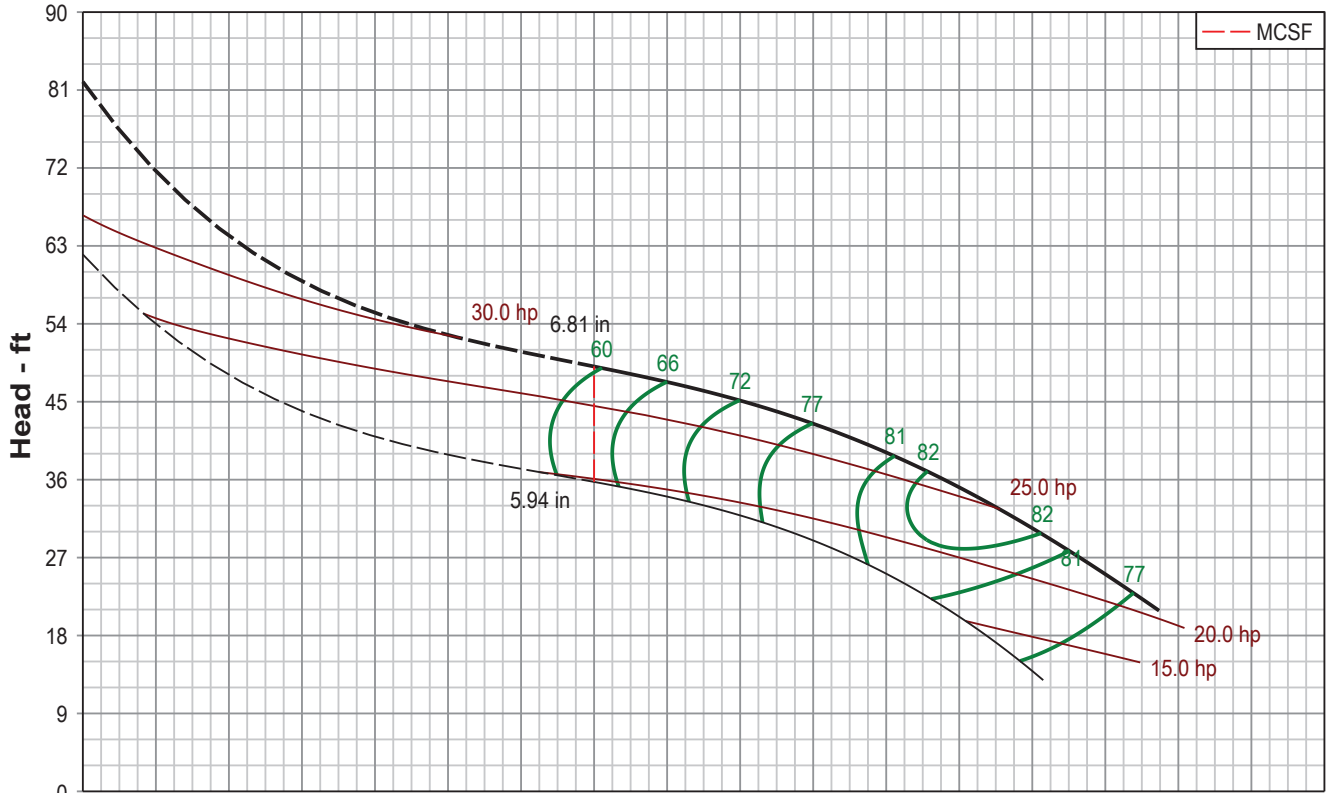


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FMFL 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF10L	Minimum submergence above eye of bottom impeller: 23 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=21	
WR ²	0.96	
WEIGHT	31 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL10LM
BOWL MAX. DIAMETER	12.625 IN.
BOWL MIN. DIAMETER	12.625 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	195 LB.
ADD STAGE WEIGHT	124 LB.
STD. SHAFT DIA.	1.500 IN.
DISCHARGE SIZE	12 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	14.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.250 IN.

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.

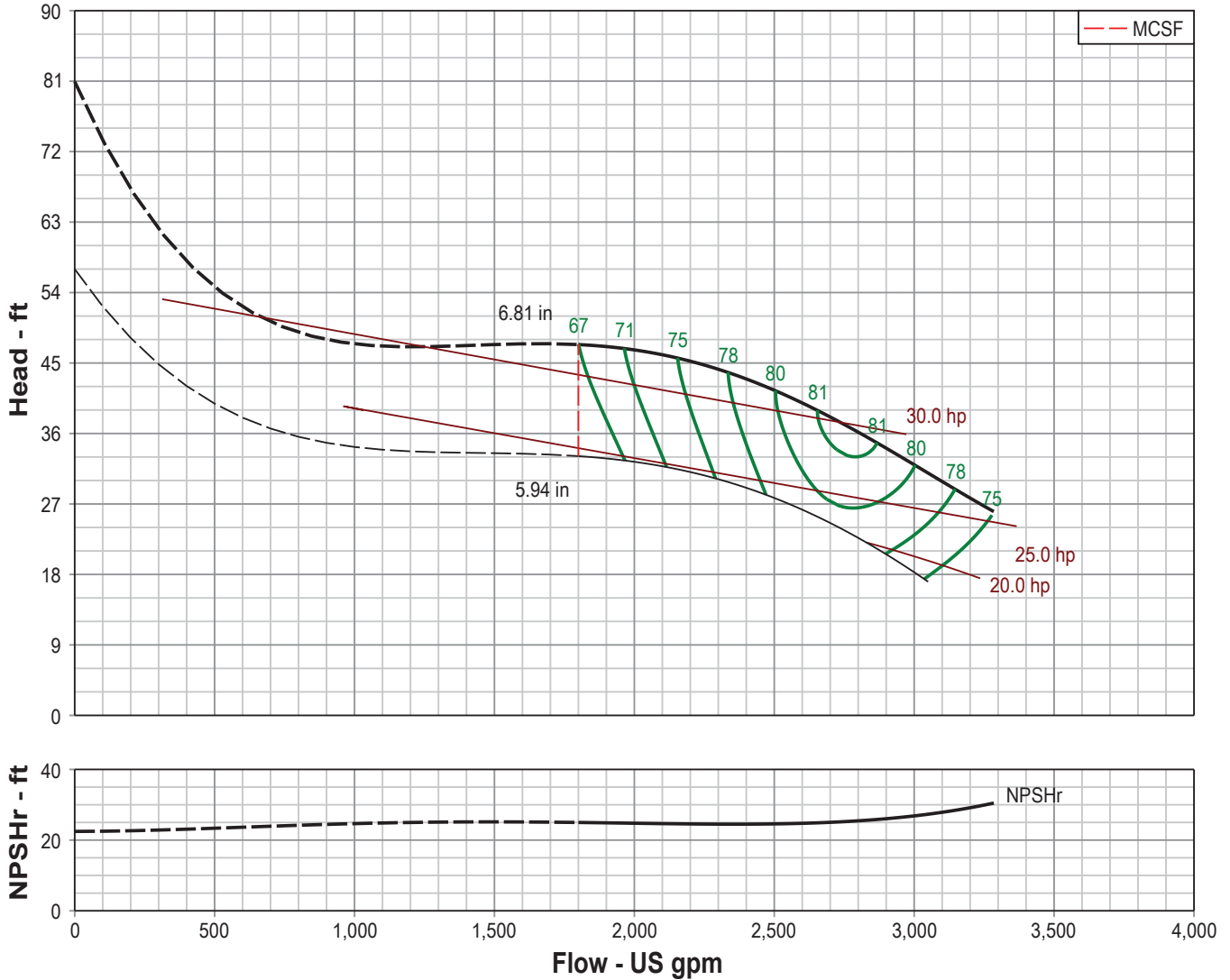


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FMFM 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF10M	Minimum submergence above eye of bottom impeller: 23 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=21	
WR ²	0.96	
WEIGHT	31 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL10LM
BOWL MAX. DIAMETER	12.625 IN.
BOWL MIN. DIAMETER	12.625 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	195 LB.
ADD STAGE WEIGHT	124 LB.
STD. SHAFT DIA.	1.500 IN.
DISCHARGE SIZE	12 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	14.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.250 IN.

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.

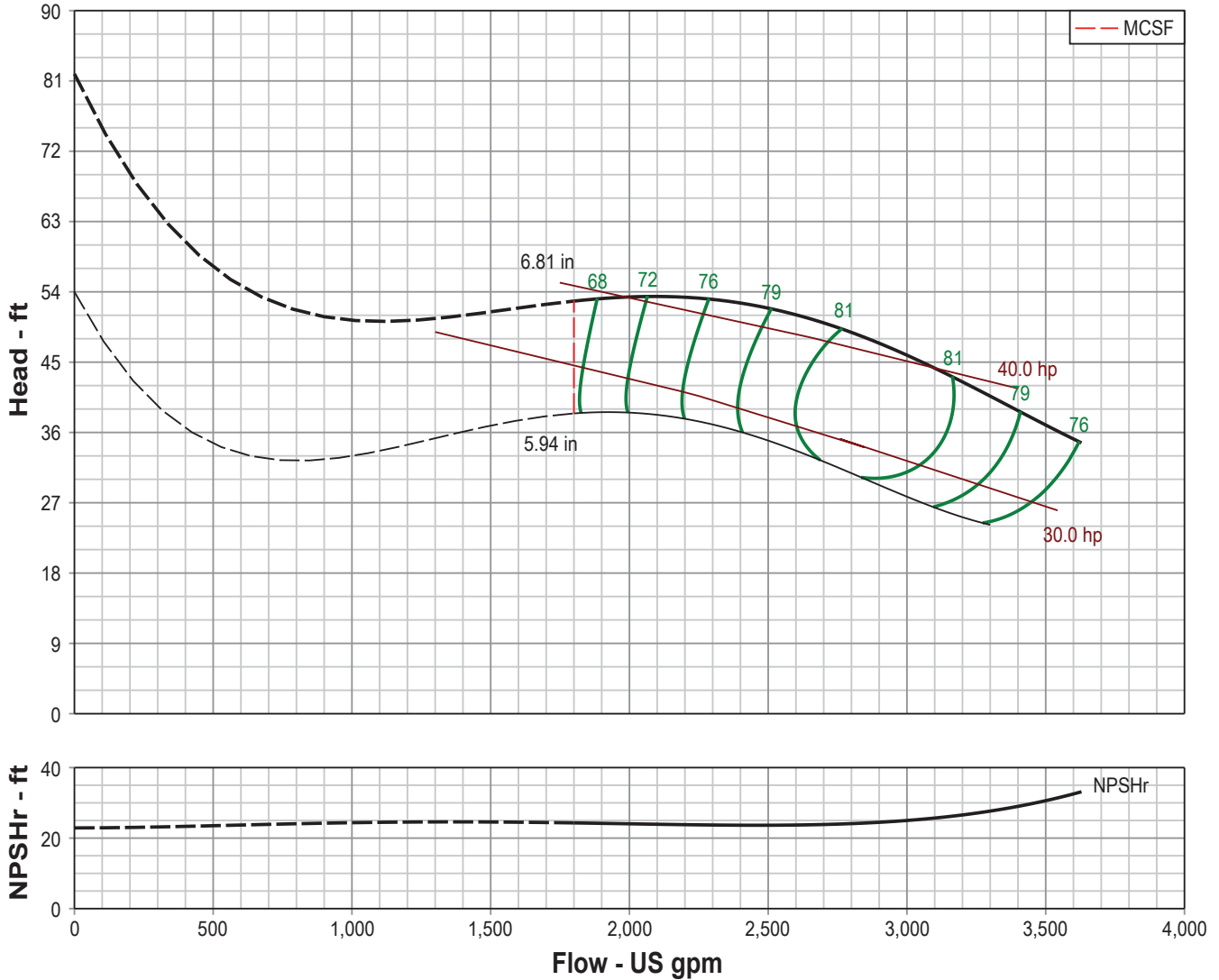


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

10FMFP 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF10P	Minimum submergence above eye of bottom impeller: 23 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=21	
WR ²	0.96	
WEIGHT	31 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL10P
BOWL MAX. DIAMETER	12.625 IN.
BOWL MIN. DIAMETER	12.625 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	195 LB.
ADD STAGE WEIGHT	124 LB.
STD. SHAFT DIA.	1.500 IN.
DISCHARGE SIZE	12 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	14.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.250 IN.

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.

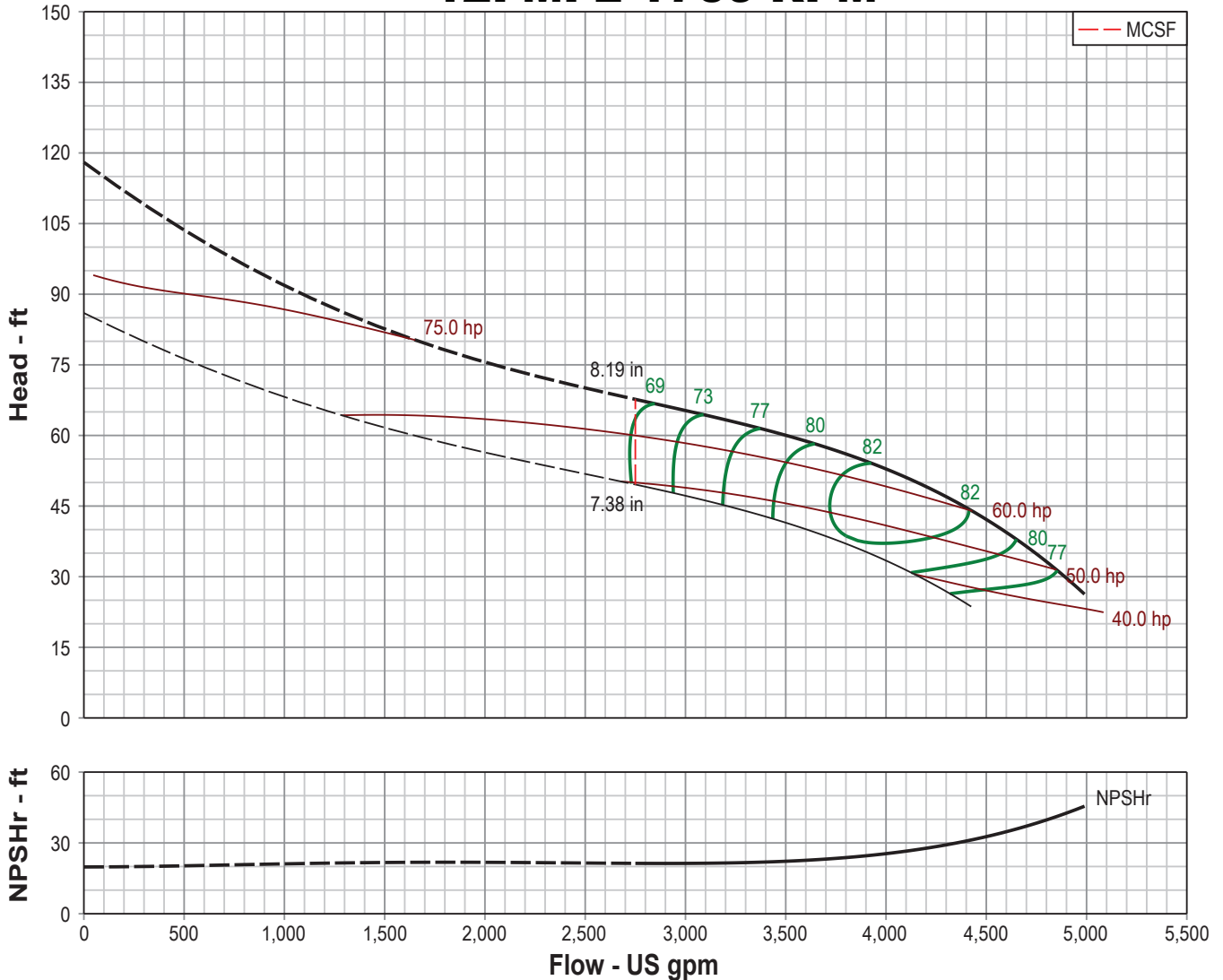


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FMFL 1760 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF12L	Minimum submergence above eye of bottom impeller: 30 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=31	
WR ²	2.30	
WEIGHT	44 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL12LM
BOWL MAX. DIAMETER	15.000 IN.
BOWL MIN. DIAMETER	15.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	290 LB.
ADD STAGE WEIGHT	160 LB.
STD. SHAFT DIA.	1.688 IN.
DISCHARGE SIZE	14 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	17.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.625 IN.

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.

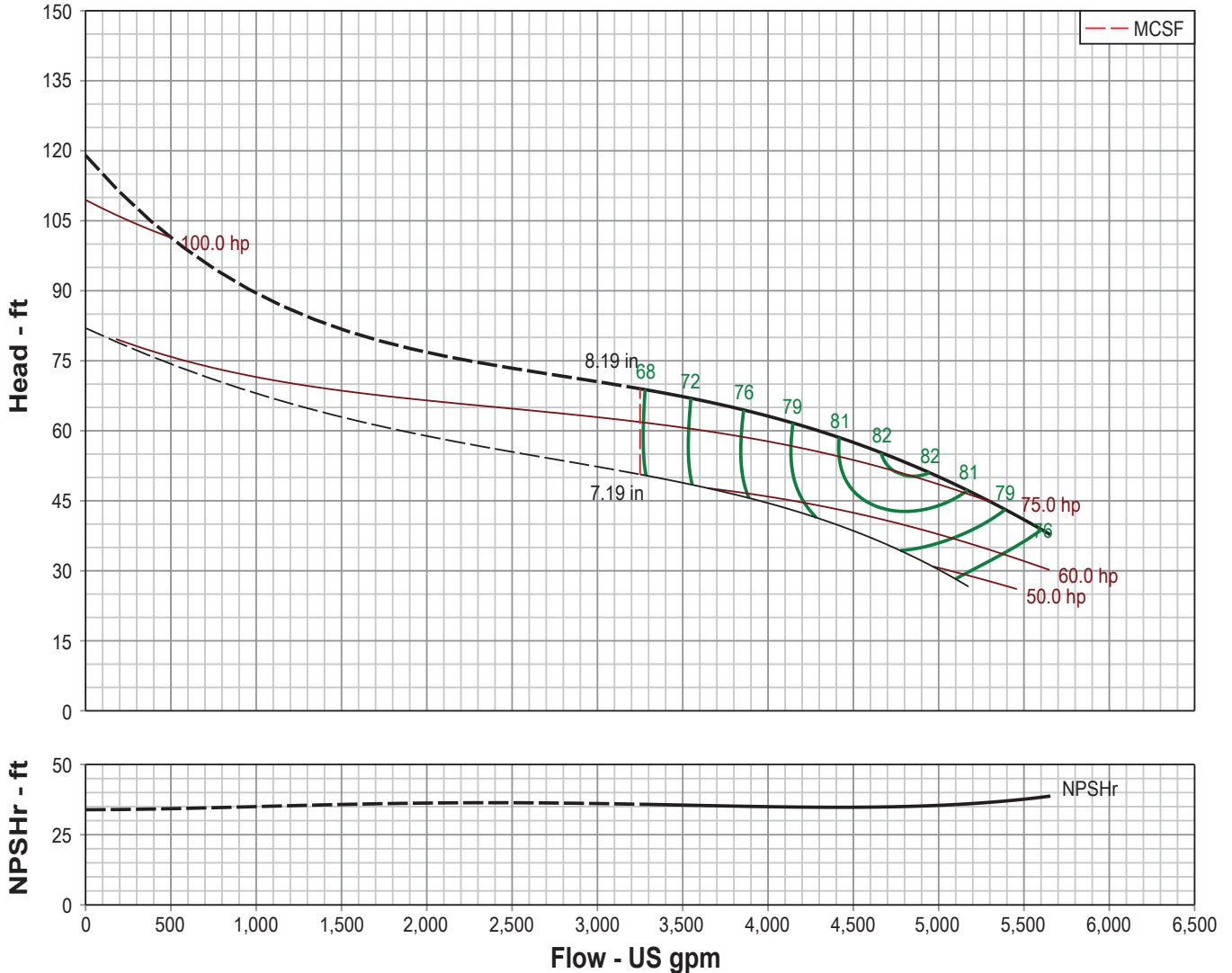


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FMFM 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF12M	Minimum submergence above eye of bottom impeller: 30 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=31	
WR ²	2.30	
WEIGHT	44 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL12LM
BOWL MAX. DIAMETER	15.000 IN.
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MAX. NO. STAGES	2
ONE STAGE WEIGHT	290 LB.
ADD STAGE WEIGHT	160 LB.
STD. SHAFT DIA.	1.688 IN.
DISCHARGE SIZE	14 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	17.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.625 IN.

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.

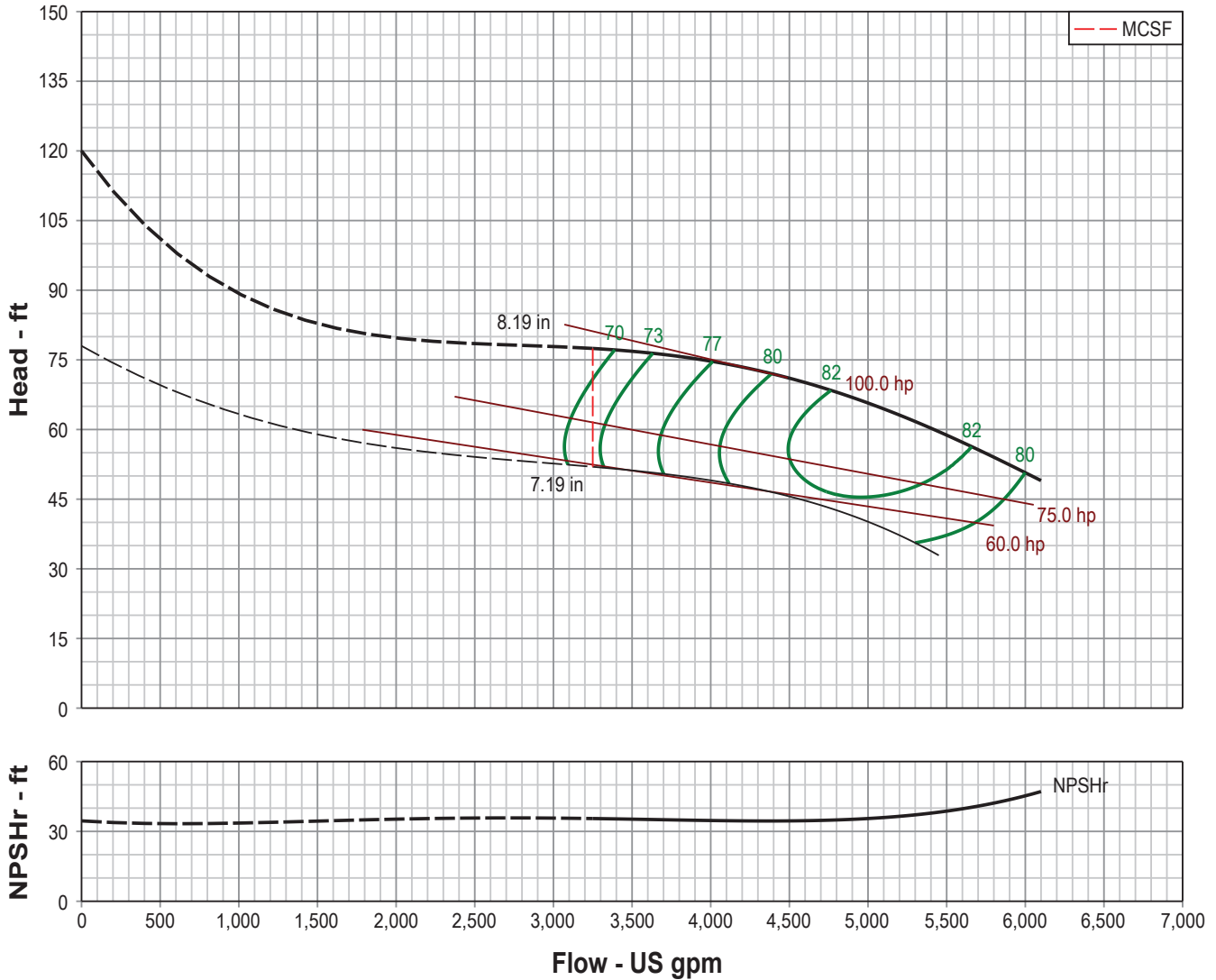


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

12FMFP 1760 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF12P	Minimum submergence above eye of bottom impeller: 30 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=31	
WR ²	2.30	
WEIGHT	44 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

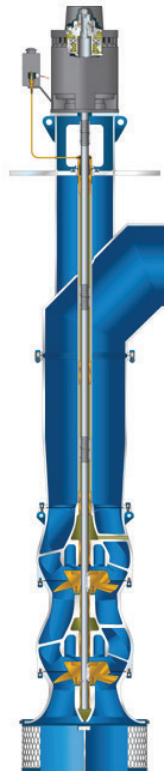
BOWL NUMBER	MFBWL12P
BOWL MAX. DIAMETER	15.000 IN.
BOWL MIN. DIAMETER	15.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	290 LB.
ADD STAGE WEIGHT	160 LB.
STD. SHAFT DIA.	1.688 IN.
DISCHARGE SIZE	14 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	17.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.625 IN.

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

MIXED FLOW

1160 RPM



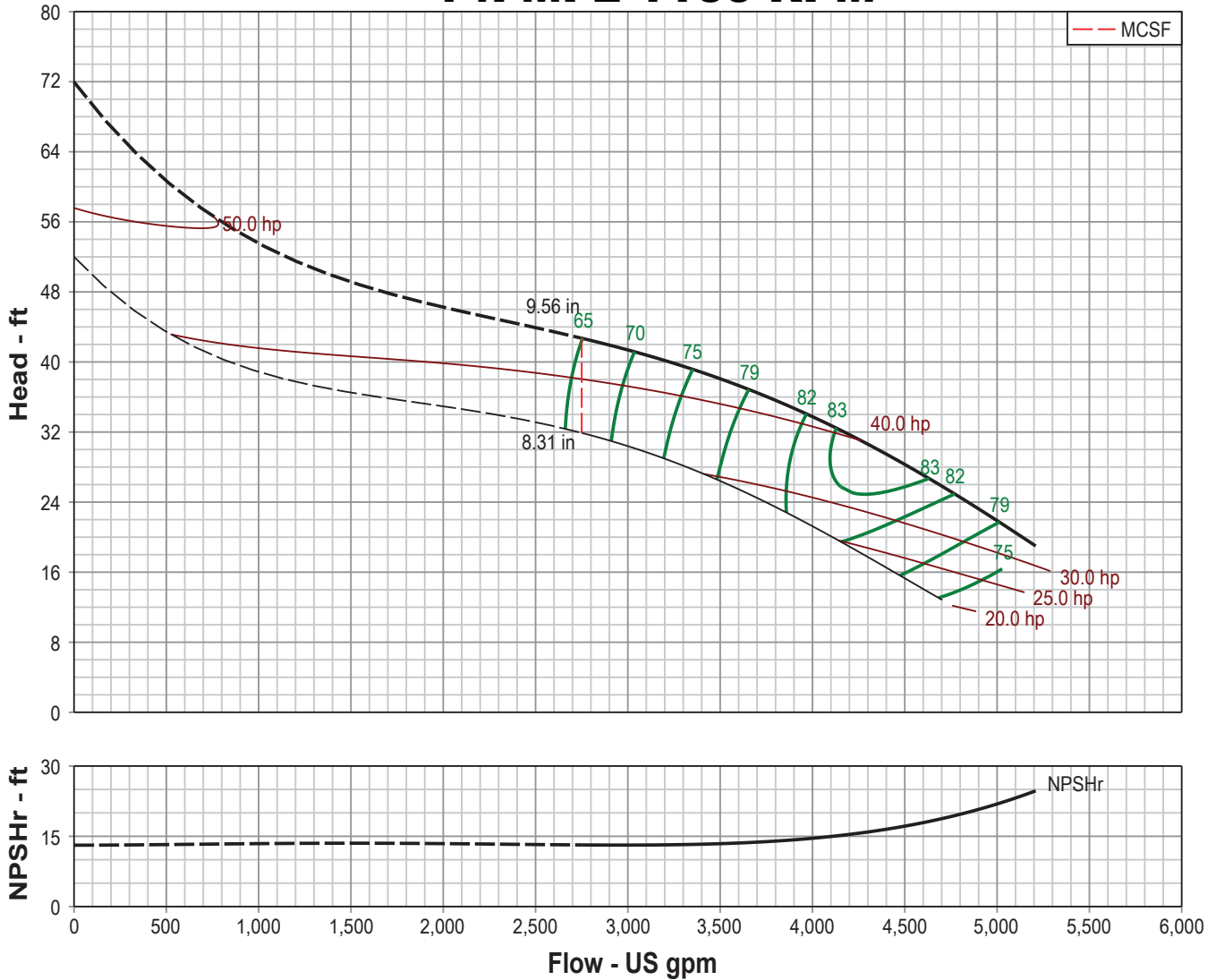


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMFL 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF14L	Minimum submergence above eye of bottom impeller: 35 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=42	
WR ²	4.80	
WEIGHT	70 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL14LM
BOWL MAX. DIAMETER	17.625 IN.
BOWL MIN. DIAMETER	17.625 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	255 LB.
STD. SHAFT DIA.	1.938 IN.
DISCHARGE SIZE	16 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	19.875 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.875 IN.

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.

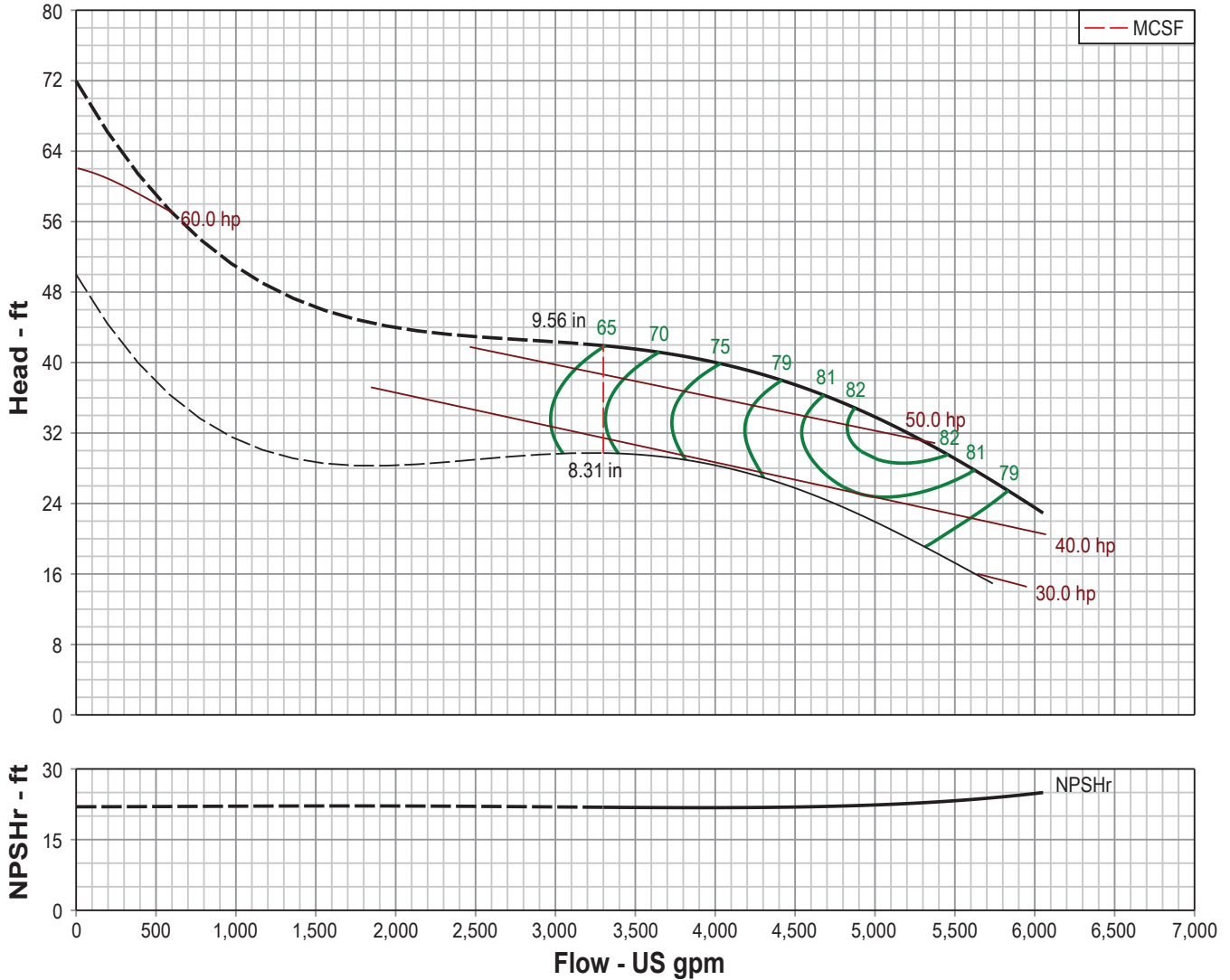


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMFM 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF14M	Minimum submergence above eye of bottom impeller: 35 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=42	
WR ²	4.80	
WEIGHT	70 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL14LM
BOWL MAX. DIAMETER	17.625 IN.
BOWL MIN. DIAMETER	17.625 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	255 LB.
STD. SHAFT DIA.	1.938 IN.
DISCHARGE SIZE	16 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	19.875 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.875 IN.

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.

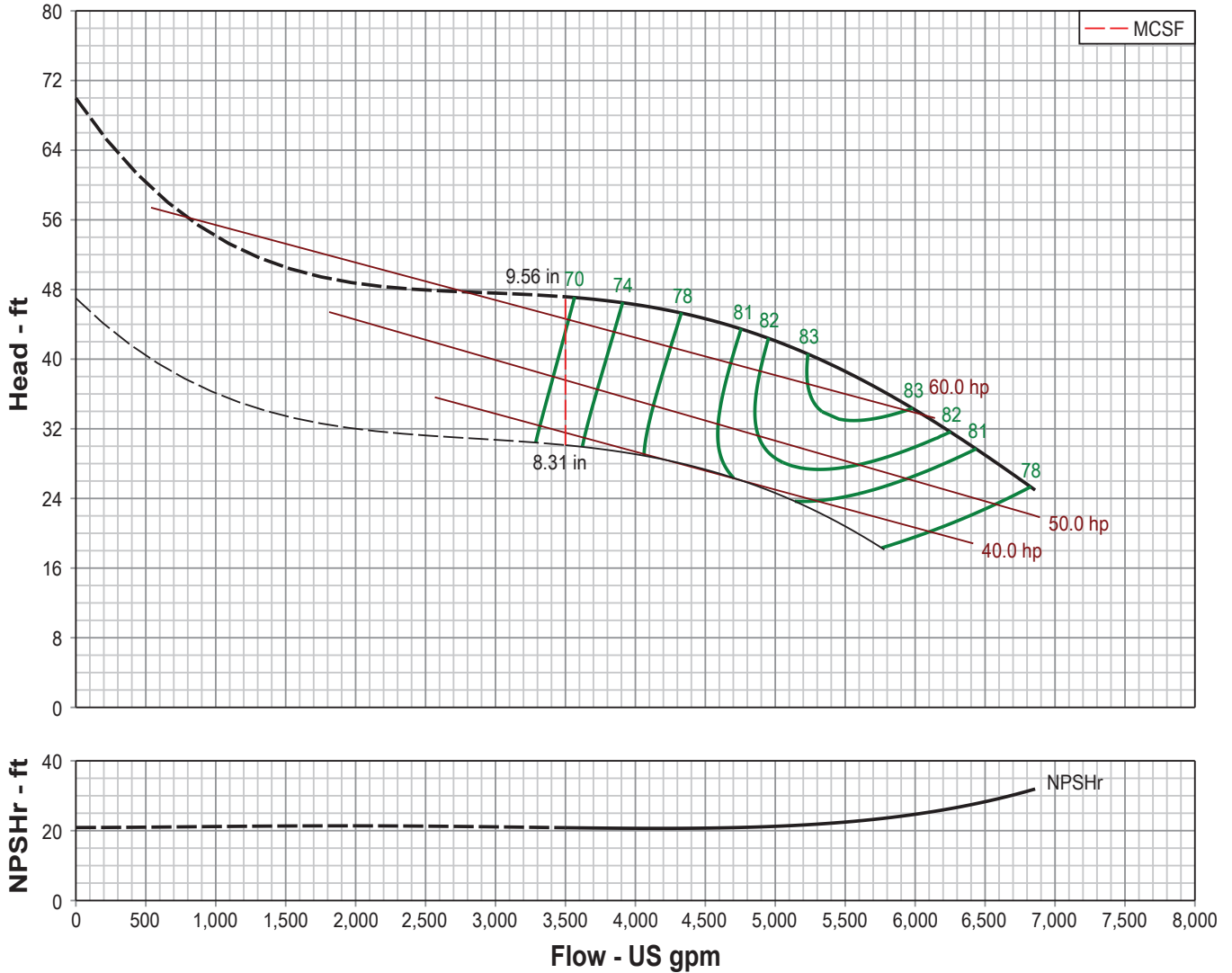


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

14FMFP 1160 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF14P	Minimum submergence above eye of bottom impeller: 35 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=42	
WR ²	4.80	
WEIGHT	70 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL14P
BOWL MAX. DIAMETER	17.625 IN.
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MAX. NO. STAGES	2
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STD. SHAFT DIA.	1.938 IN.
DISCHARGE SIZE	16 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	19.875 IN.
SUCTION CONNECTION	FLG
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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.

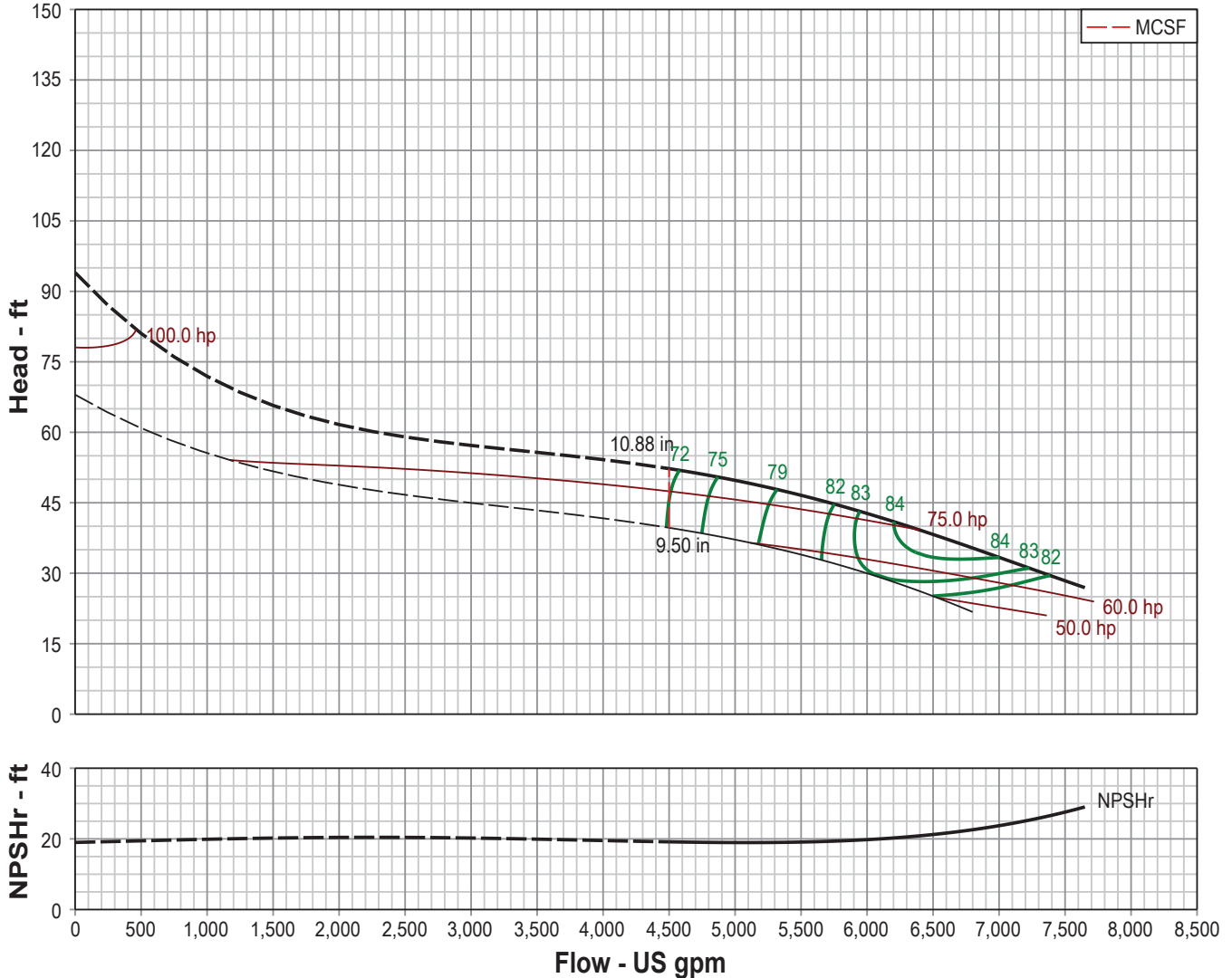


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FMFL 1160 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF16L	Minimum submergence above eye of bottom impeller: 40 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=55	
WR ²	10.60	
WEIGHT	120 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL16LM
BOWL MAX. DIAMETER	20.000 IN.
BOWL MIN. DIAMETER	20.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	620 LB.
ADD STAGE WEIGHT	365 LB.
STD. SHAFT DIA.	2.438 IN.
DISCHARGE SIZE	20 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	22.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.625 IN.

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.

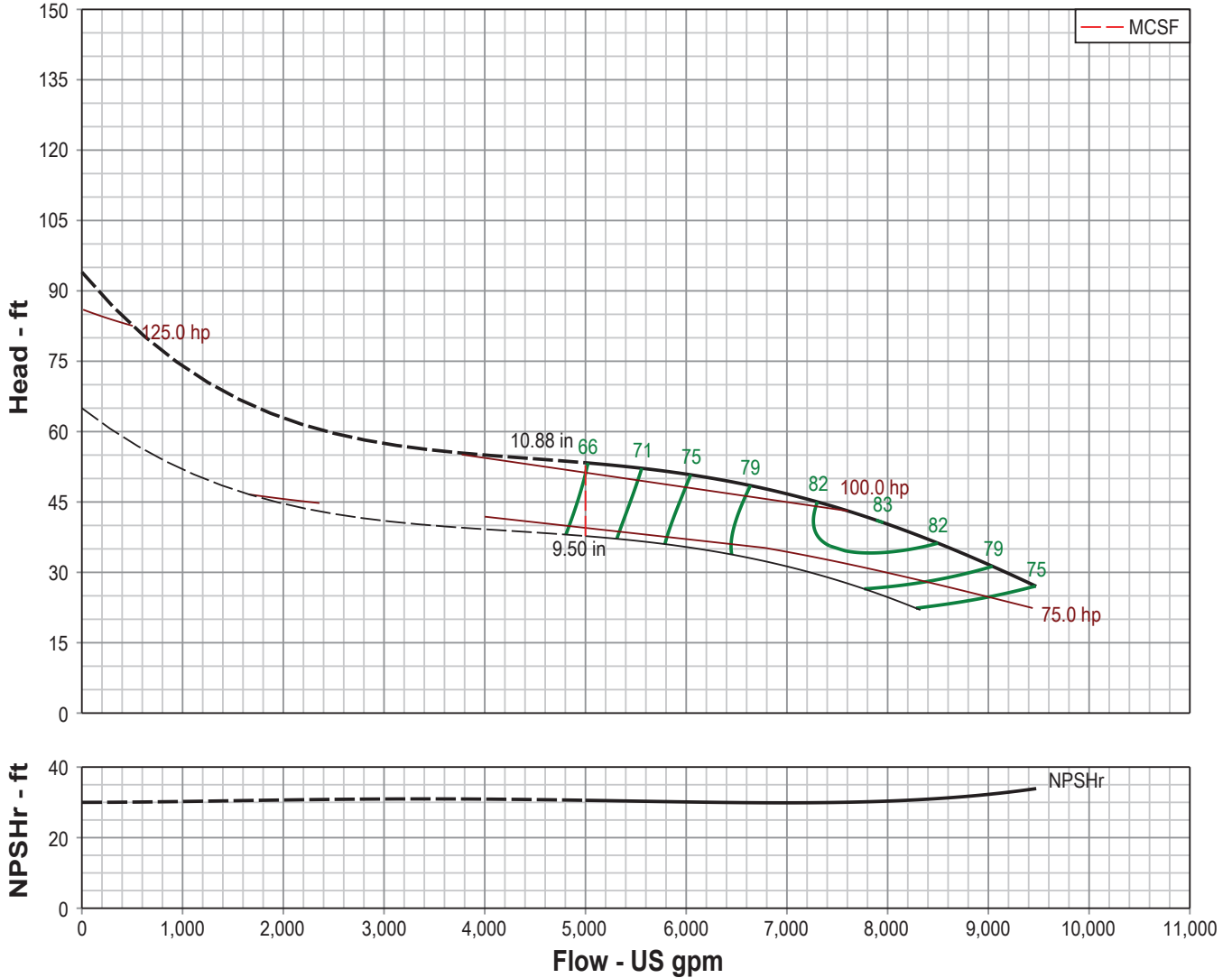


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FMFM 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF16M	Minimum submergence above eye of bottom impeller: 40 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=55	
WR ²	10.60	
WEIGHT	120 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL16LM
BOWL MAX. DIAMETER	20.000 IN.
BOWL MIN. DIAMETER	20.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	620 LB.
ADD STAGE WEIGHT	365 LB.
STD. SHAFT DIA.	2.438 IN.
DISCHARGE SIZE	20 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	22.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.625 IN.

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.

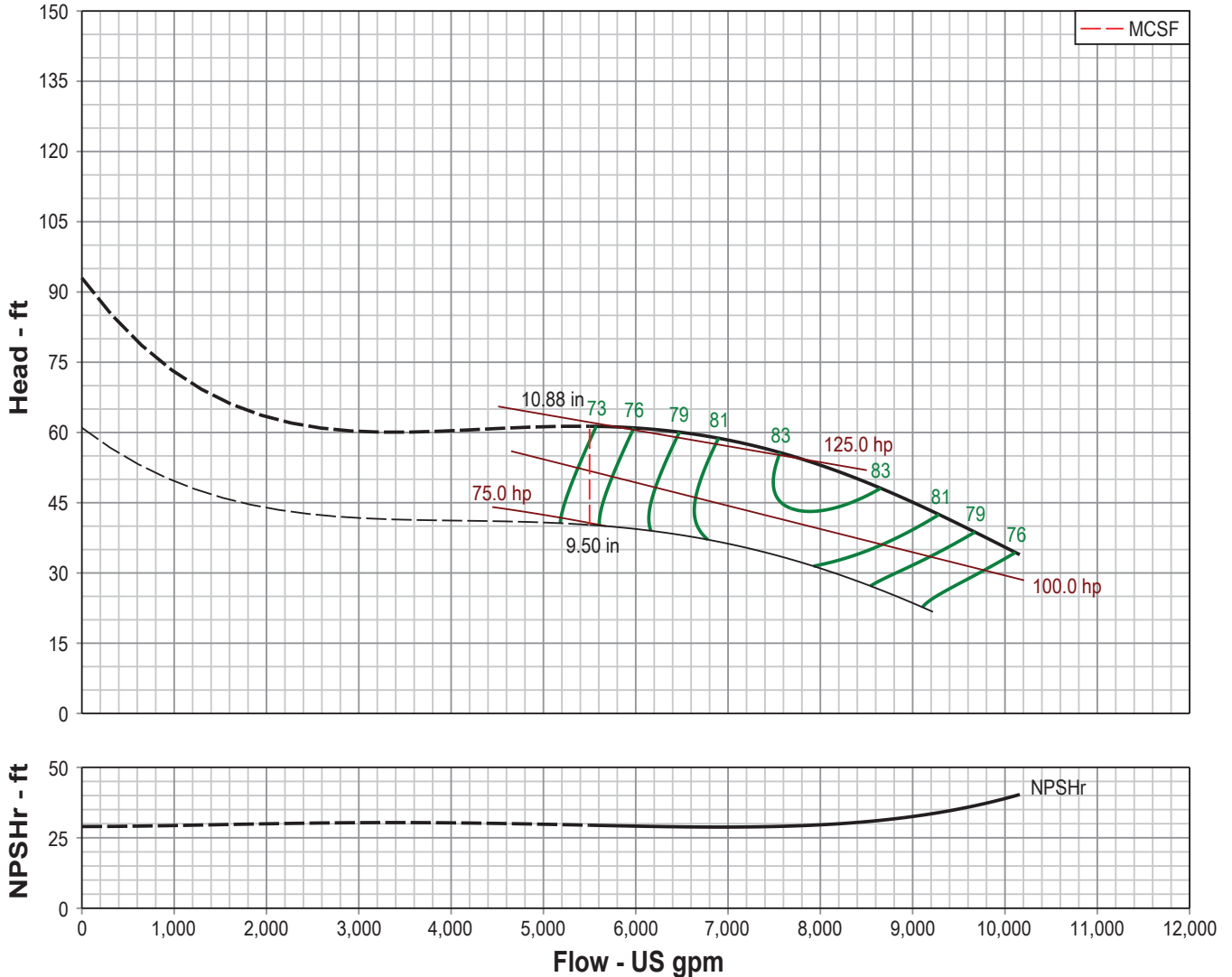


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

16FMFP 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF16P	Minimum submergence above eye of bottom impeller: 40 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=55	
WR ²	10.6	
WEIGHT	120 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL16P
BOWL MAX. DIAMETER	20.000 IN.
BOWL MIN. DIAMETER	20.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	620 LB.
ADD STAGE WEIGHT	365 LB.
STD. SHAFT DIA.	2.438 IN.
DISCHARGE SIZE	20 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	22.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.625 IN.

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.

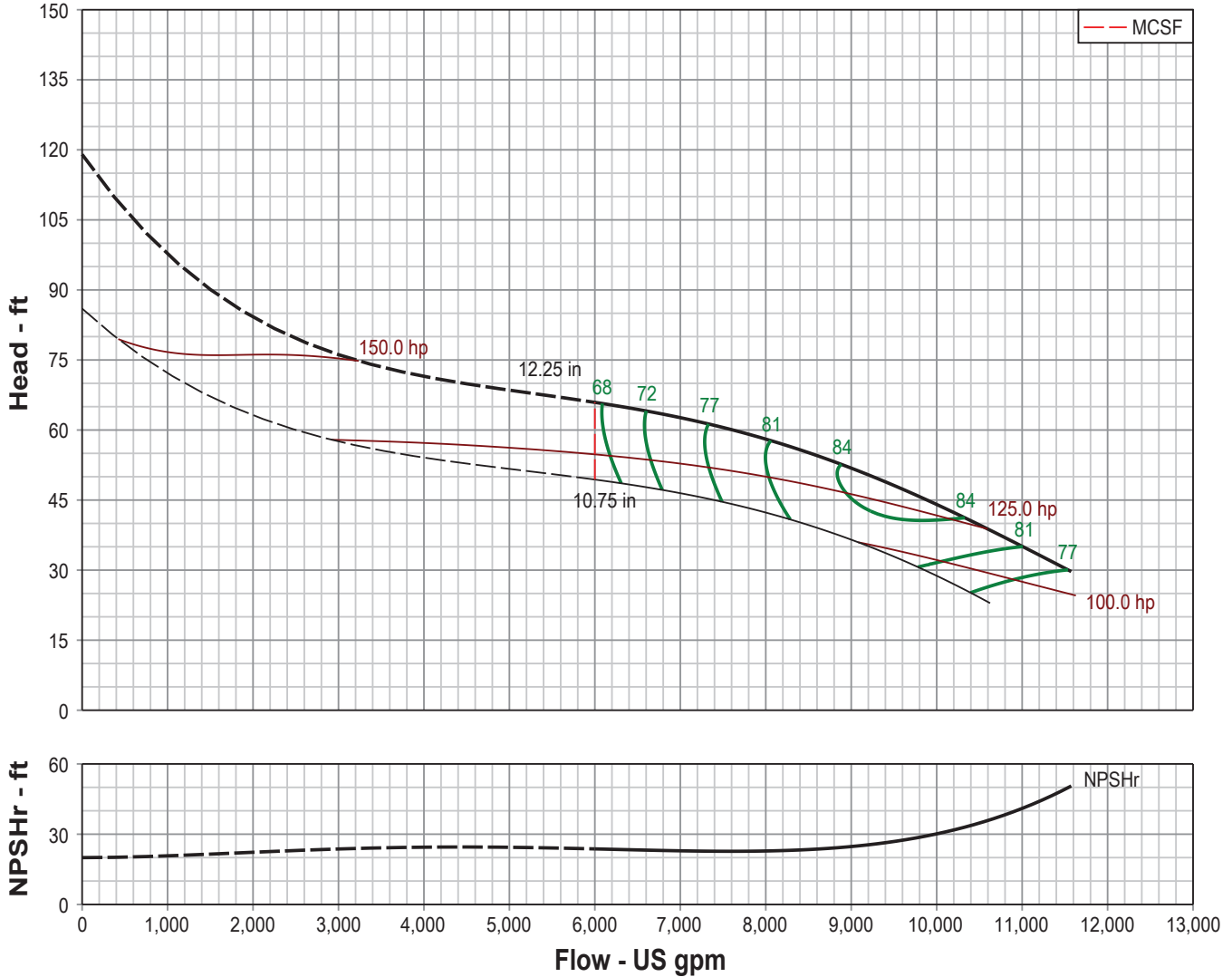


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FMFL 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF18L	Minimum submergence above eye of bottom impeller: 45 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=70	
WR ²	17.0	
WEIGHT	135 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL18LM
BOWL MAX. DIAMETER	22.500 IN.
BOWL MIN. DIAMETER	22.500 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	775 LB.
ADD STAGE WEIGHT	465 LB.
STD. SHAFT DIA.	2.438 IN.
DISCHARGE SIZE	24 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	25.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.375 IN.

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.

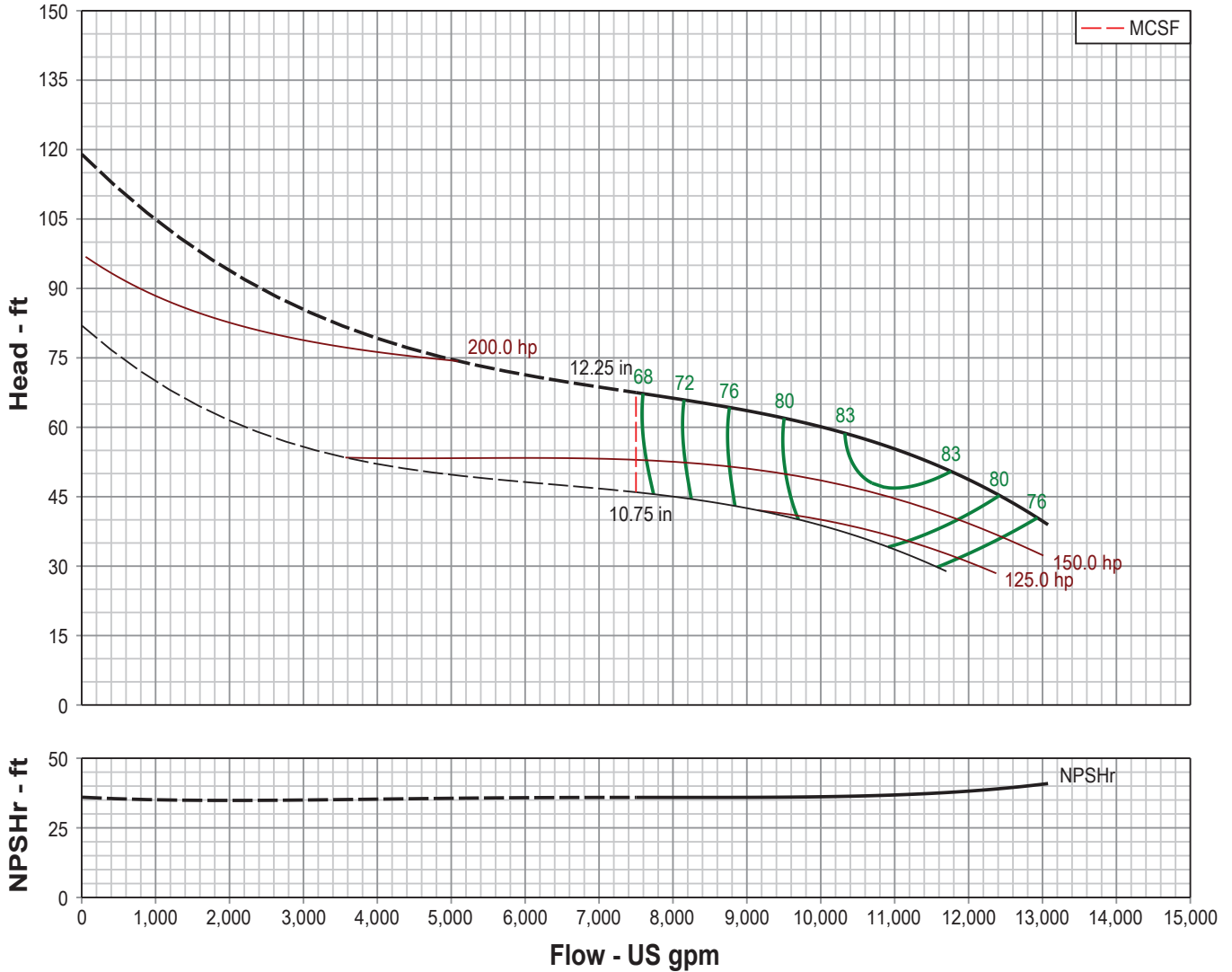


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FMFM 1160 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF18M	Minimum submergence above eye of bottom impeller: 45 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=70	
WR ²	17.0	
WEIGHT	135 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL18LM
BOWL MAX. DIAMETER	22.500 IN.
BOWL MIN. DIAMETER	22.500 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	775 LB.
ADD STAGE WEIGHT	465 LB.
STD. SHAFT DIA.	2.438 IN.
DISCHARGE SIZE	24 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	25.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.375 IN.

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.

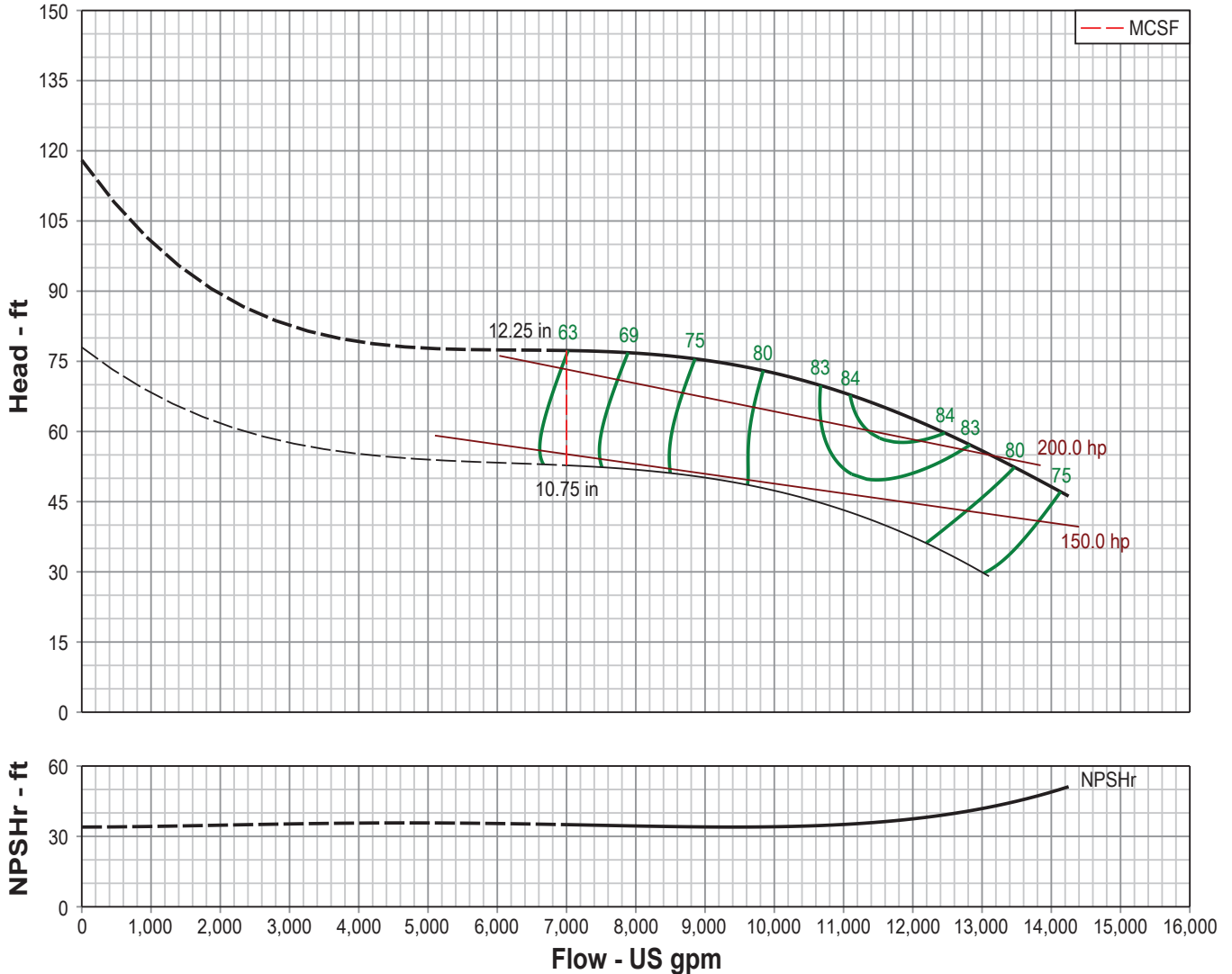


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

18FMFP 1160 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF18P	Minimum submergence above eye of bottom impeller: 45 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=70	
WR ²	17.0	
WEIGHT	135 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

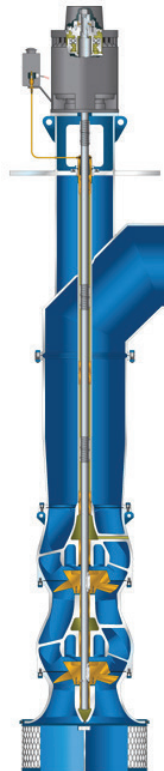
BOWL NUMBER	MFBWL18P
BOWL MAX. DIAMETER	22.500 IN.
BOWL MIN. DIAMETER	22.500 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	775 LB.
ADD STAGE WEIGHT	465 LB.
STD. SHAFT DIA.	2.438 IN.
DISCHARGE SIZE	24 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	25.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.375 IN.

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

MIXED FLOW

860 RPM



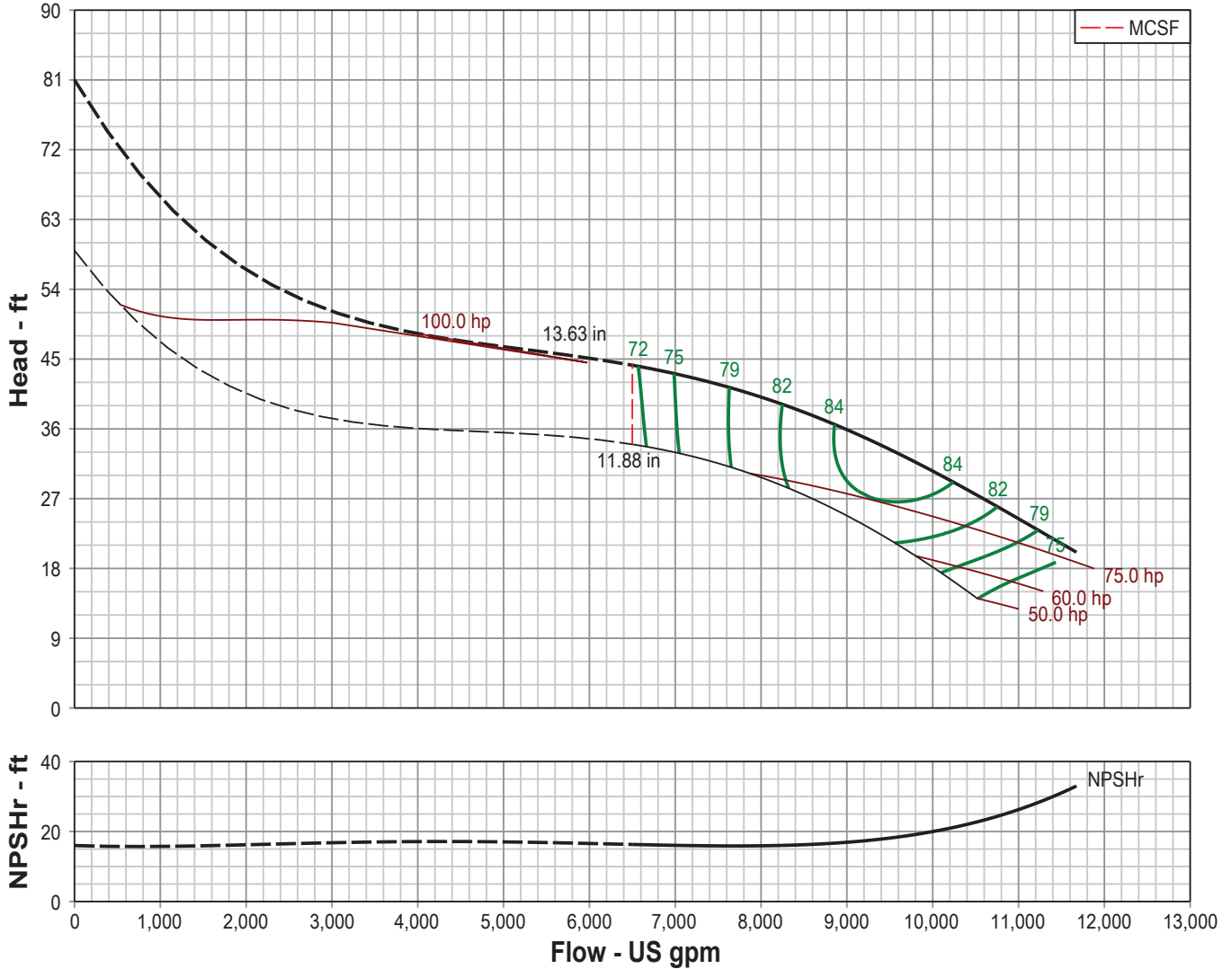


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FMFL 880 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF20L	Minimum submergence above eye of bottom impeller: 50 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=135	
WR ²	18.0	
WEIGHT	185 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL20LM
BOWL MAX. DIAMETER	25.000 IN.
BOWL MIN. DIAMETER	25.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1030 LB.
ADD STAGE WEIGHT	640 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	24 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	28.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.750 IN.

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.

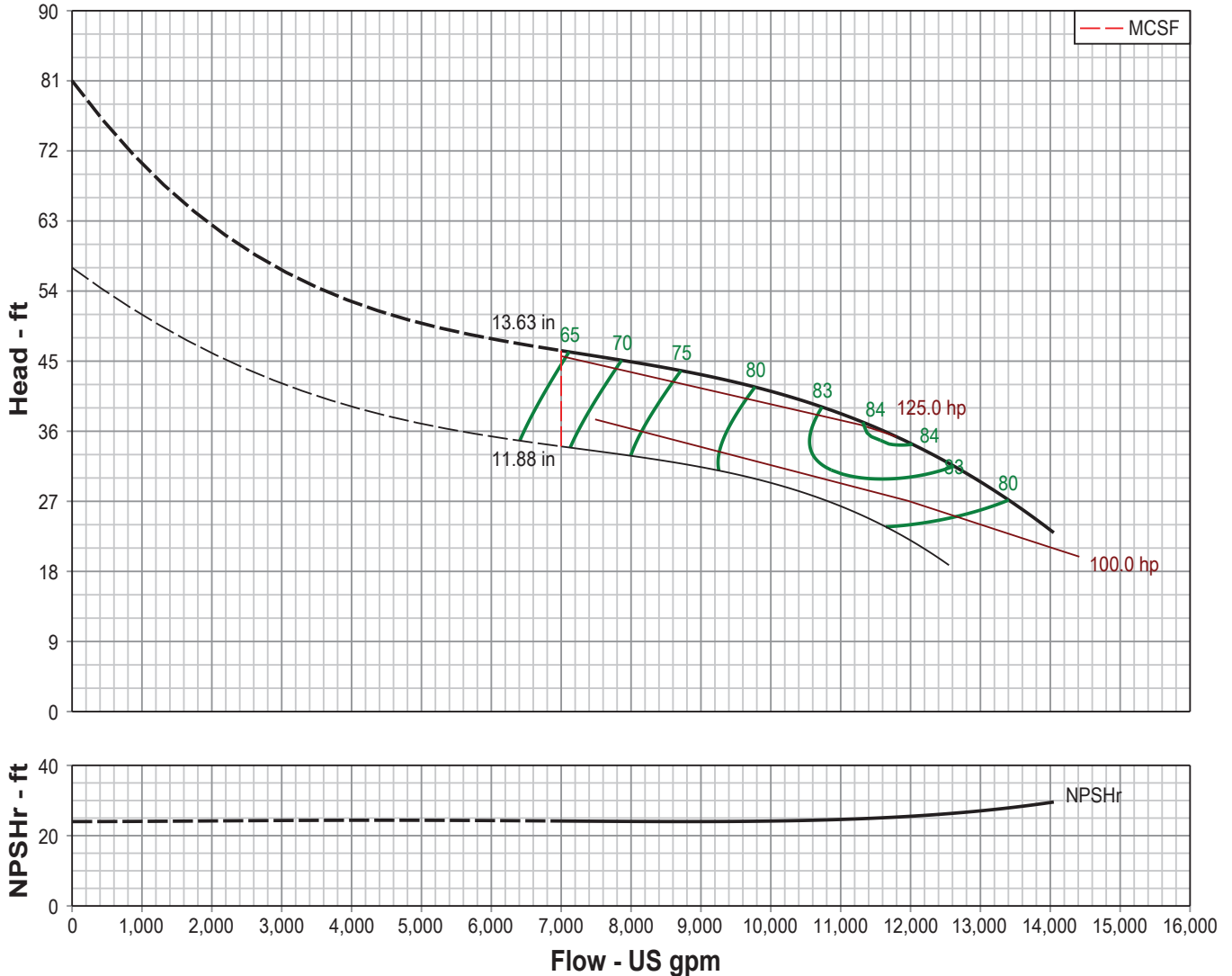


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FMFM 880 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF20M	Minimum submergence above eye of bottom impeller: 50 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=135	
WR ²	18.0	
WEIGHT	185 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL20LM
BOWL MAX. DIAMETER	25.000 IN.
BOWL MIN. DIAMETER	25.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1030 LB.
ADD STAGE WEIGHT	640 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	24 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	28.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.750 IN.

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.

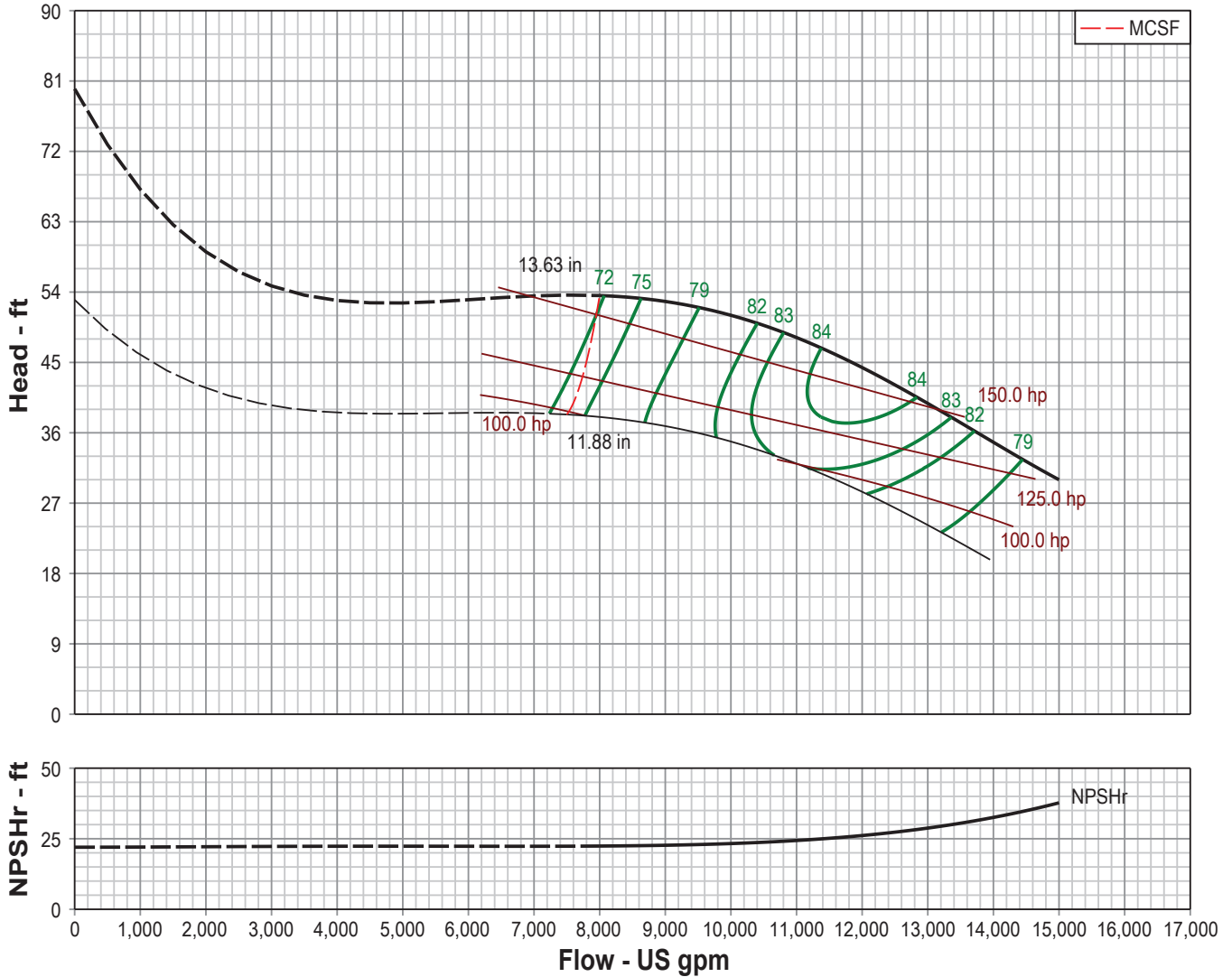


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

20FMFP 880 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF20P	Minimum submergence above eye of bottom impeller: 50 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=135	
WR ²	18.0	
WEIGHT	185 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL20P
BOWL MAX. DIAMETER	25.000 IN.
BOWL MIN. DIAMETER	25.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1030 LB.
ADD STAGE WEIGHT	640 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	24 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	28.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.750 IN.

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.

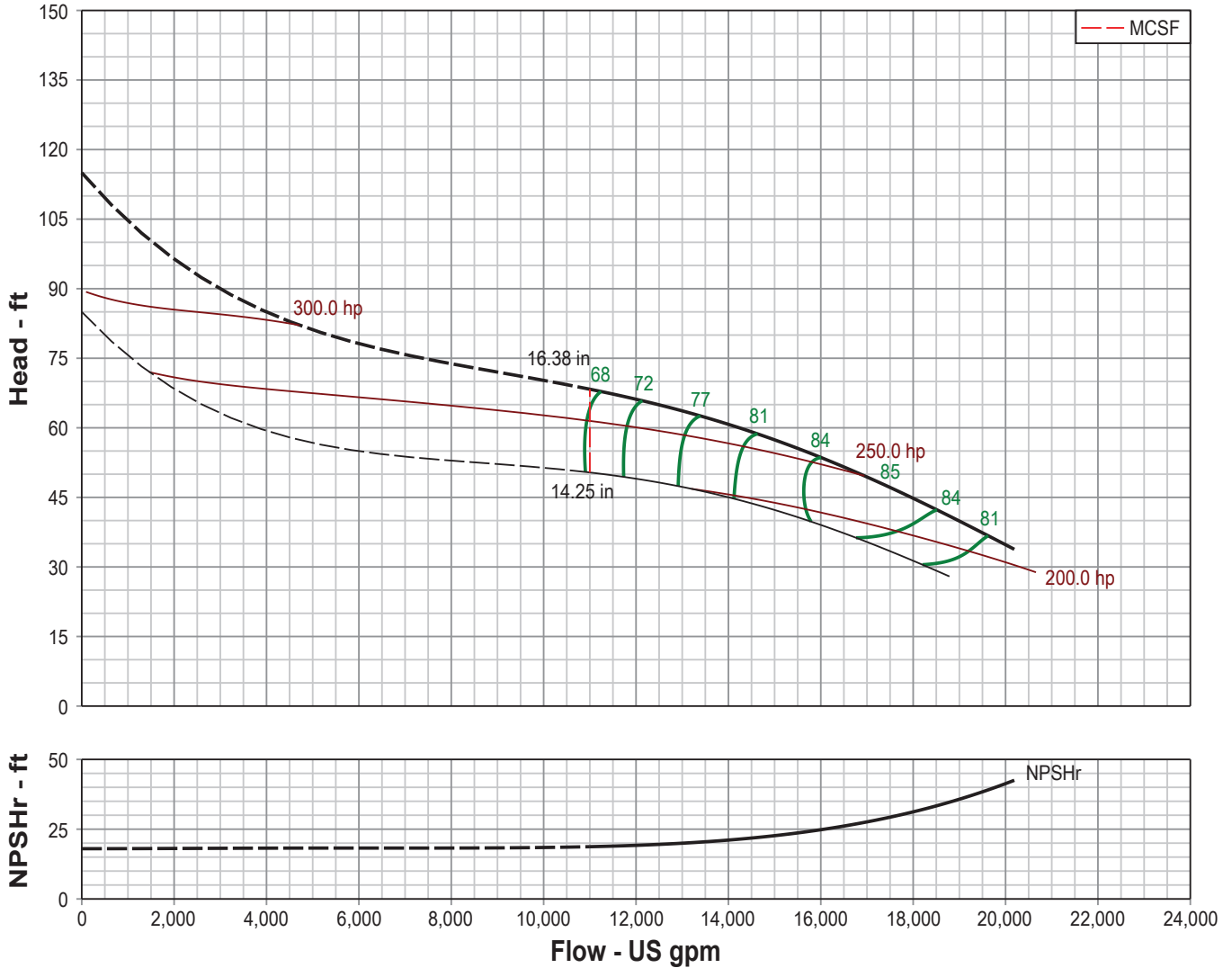


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FMFL 880 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF24L	Minimum submergence above eye of bottom impeller: 59 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=125	
WR ²	76.0	
WEIGHT	290 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL24LM
BOWL MAX. DIAMETER	29.875 IN.
BOWL MIN. DIAMETER	29.875 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1780 LB.
ADD STAGE WEIGHT	1125 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	30 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	33.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	3.250 IN.

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.

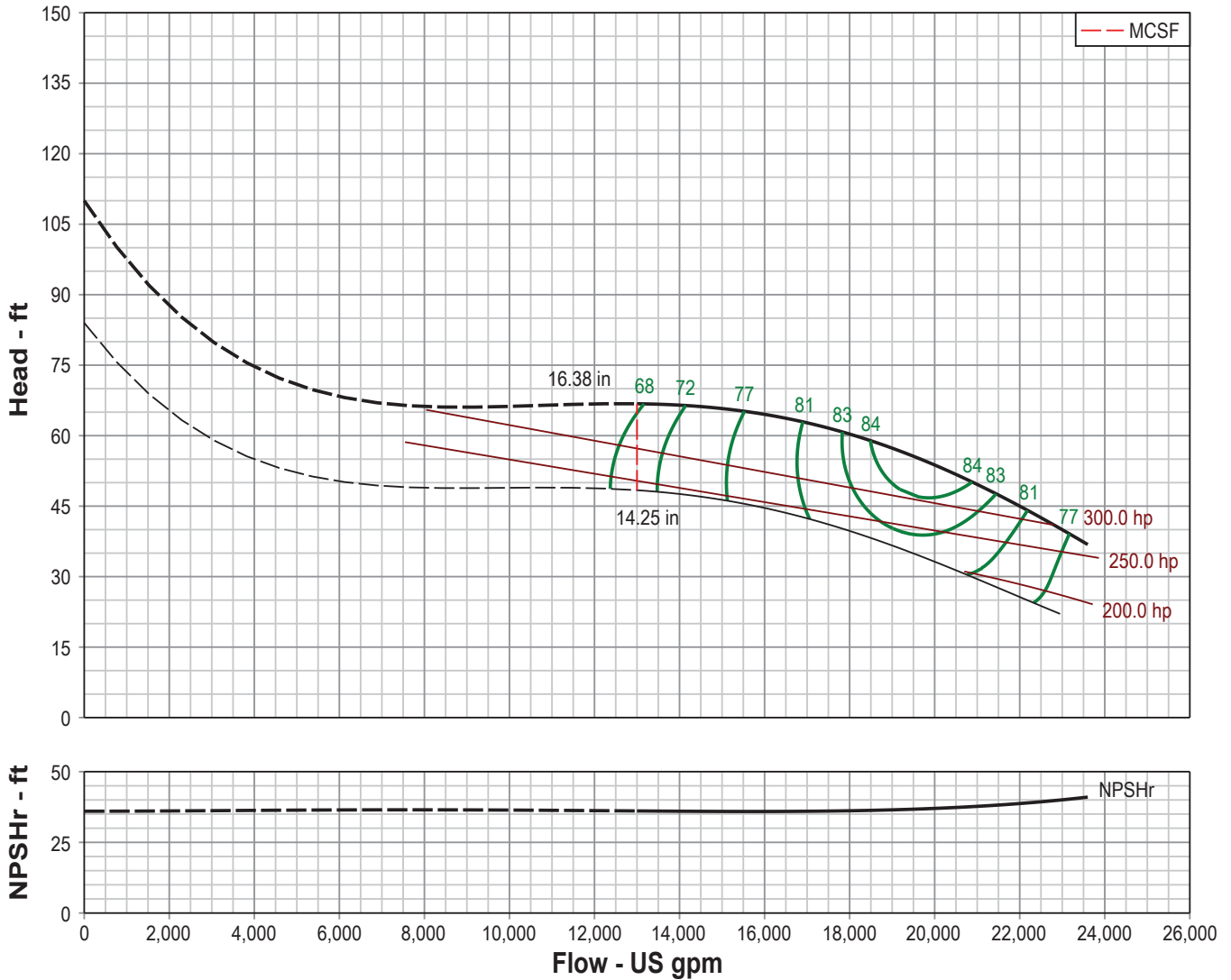


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FMFM 880 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF24M	Minimum submergence above eye of bottom impeller: 59 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=125	
WR ²	76.0	
WEIGHT	290 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL24LM
BOWL MAX. DIAMETER	29.875 IN.
BOWL MIN. DIAMETER	29.875 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1780 LB.
ADD STAGE WEIGHT	1125 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	30 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	33.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	3.250 IN.

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.

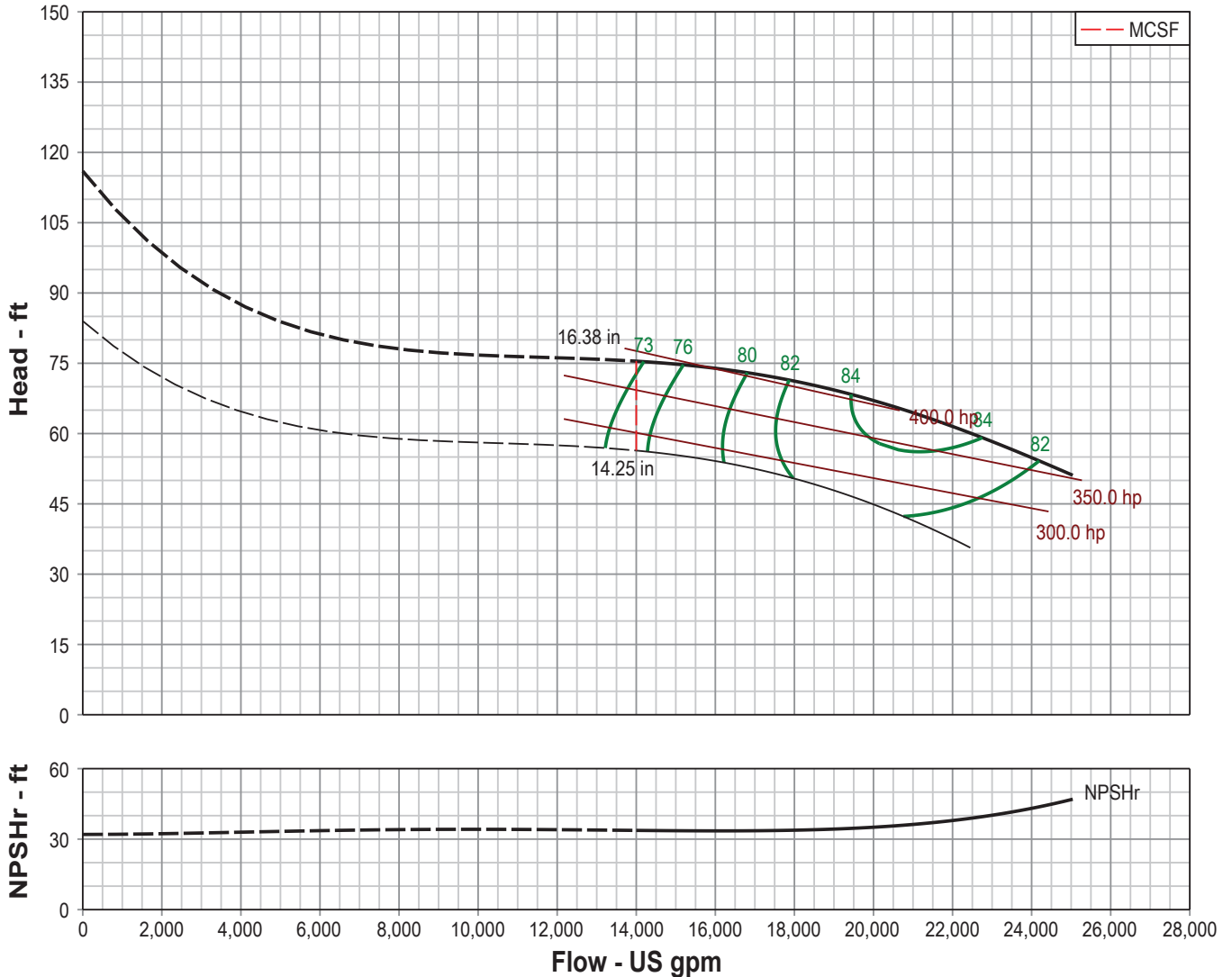


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

24FMFP 880 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF24P	Minimum submergence above eye of bottom impeller: 59 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=125	
WR ²	76.0	
WEIGHT	290 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

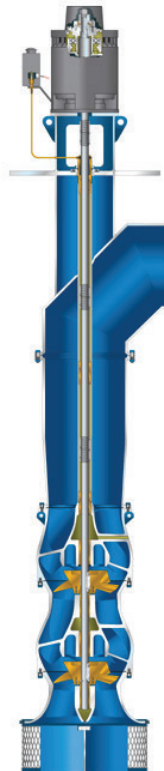
BOWL NUMBER	MFBWL24P
BOWL MAX. DIAMETER	29.875 IN.
BOWL MIN. DIAMETER	29.875 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1780 LB.
ADD STAGE WEIGHT	1125 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	30 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	33.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	3.250 IN.

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

MIXED FLOW

700 RPM



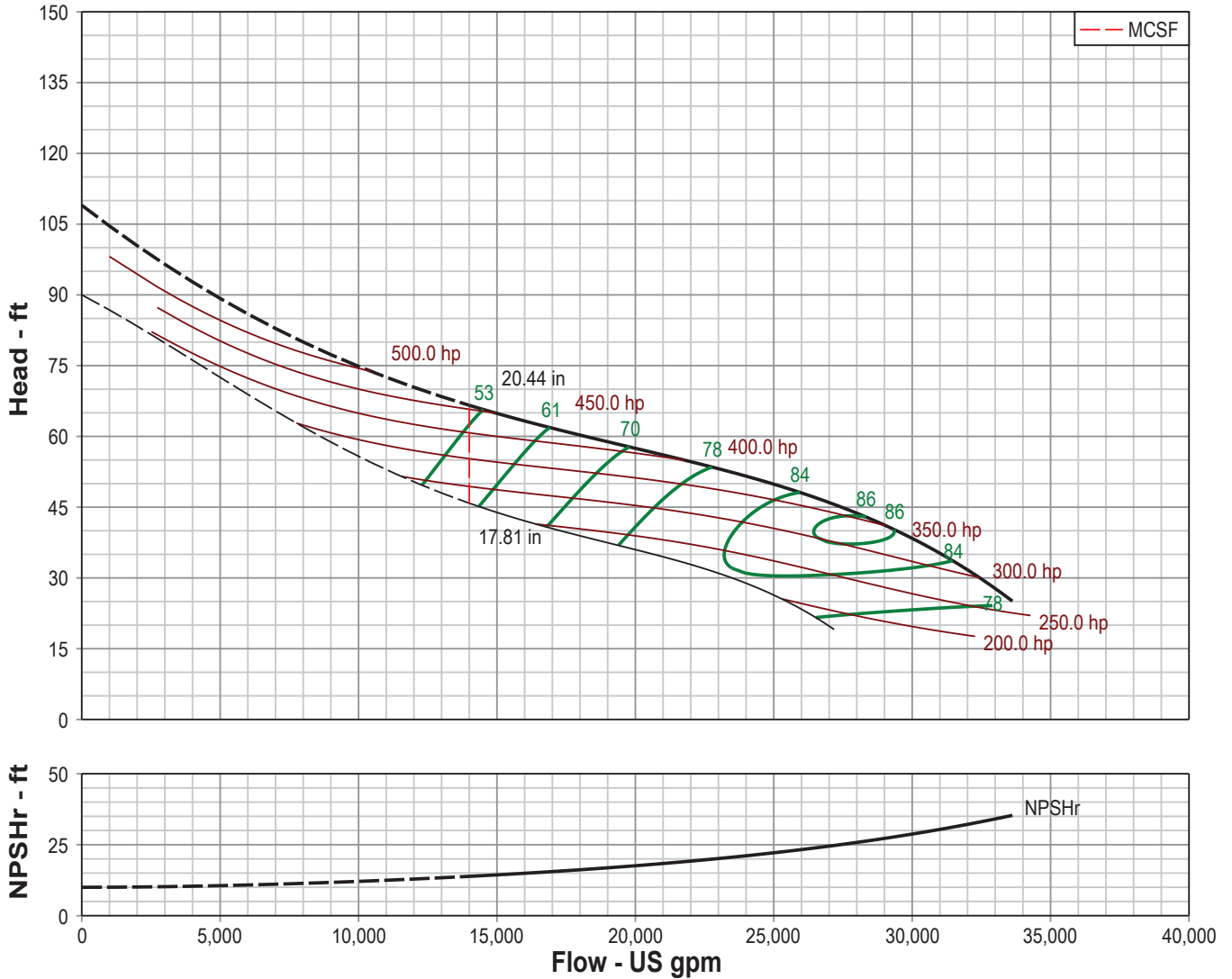


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FMFL 700 RPM



IMPELLER DATA

IMPELLER NUMBER	IMPMF30L	Minimum submergence above eye of bottom impeller: 74 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=206	
WR ²	222.0	
WEIGHT	550 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER	MFBWL30
BOWL MAX. DIAMETER	37.125 IN.
BOWL MIN. DIAMETER	37.125 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	2750 LB.
ADD STAGE WEIGHT	1810 LB.
STD. SHAFT DIA.	3.438 IN.
DISCHARGE SIZE	30 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	42.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.500 IN.

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.

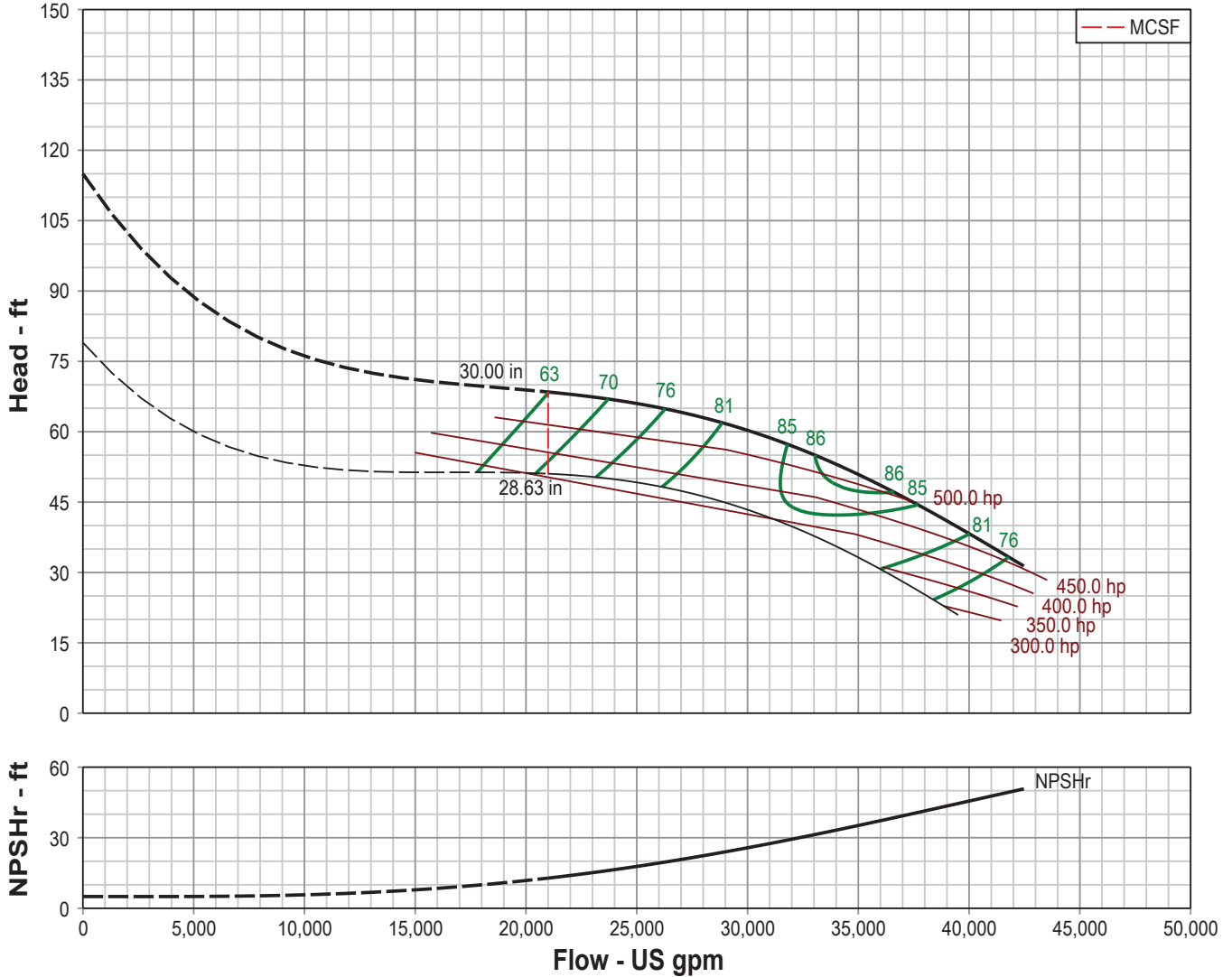


MIXED FLOW CURVE

SINGLE STAGE PERFORMANCE

APRIL 2020

30FMFH 700 RPM



IMPELLER DATA		
IMPELLER NUMBER	IMPMF30M	Minimum submergence above eye of bottom impeller: 74 IN.
TYPE	SEMI-OPEN	
THRUST FACTOR	K=206	
WR ²	222.0	
WEIGHT	550 LB.	

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

FLANGED BOWL DATA	
BOWL NUMBER	MFBWL30
BOWL MAX. DIAMETER	37.125 IN.
BOWL MIN. DIAMETER	37.125 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	2750 LB.
ADD STAGE WEIGHT	1810 LB.
STD. SHAFT DIA.	3.438 IN.
DISCHARGE SIZE	30 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	42.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.500 IN.

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.