

PERFORMANCE CURVES MIXED FLOW

1760 RPM

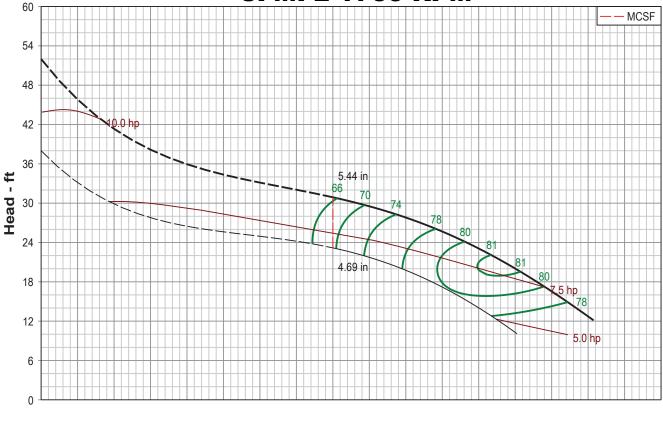


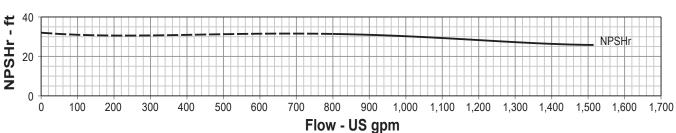


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA						
IMPELLER NUMBER TYPE THRUST FACTOR WR ² WEIGHT	IMPMF8L SEMI-OPEN K=14 0.32 12 LB.	Minii		nergence a impeller: 2		
EFFICIENCY CORRECTION						
NUMBER OF BOWLS:	1	2				
CHANGE AS FOLLOWS:	0	0				
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					WER.	

FLANGED BOWL DATA

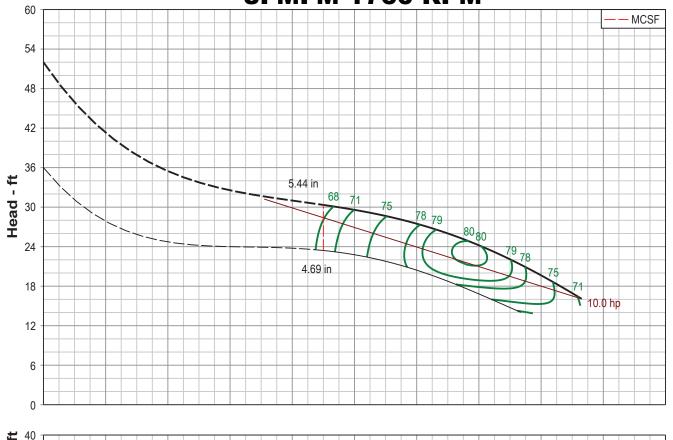
BOWL NUMBER MFBWL8LM **BOWL MAX. DIAMETER** 10.125 IN. **BOWL MIN. DIAMETER** 10.125 IN. MAX. NO. STAGES 114 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 64 LB. STD. SHAFT DIA. 1.000 IN. DISCHARGE SIZE 10 IN. DISCHARGE CONNECTION FLG 12.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 0.875 IN.

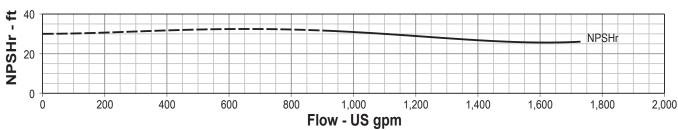


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA

IMPELLER NUMBERIMPMF8MTYPESEMI-OPENTHRUST FACTORK=14WR20.32WEIGHT12 LB.

Minimum submergence above eye of bottom impeller: 21 IN.

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

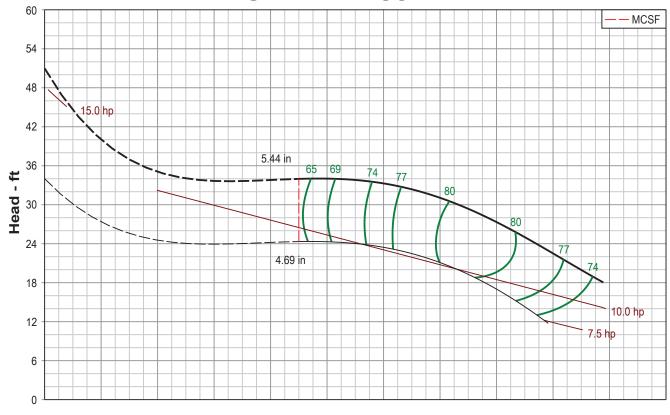
BOWL NUMBER MFBWL8LM **BOWL MAX. DIAMETER** 10.125 IN. **BOWL MIN. DIAMETER** 10.125 IN. MAX. NO. STAGES 114 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 64 LB. STD. SHAFT DIA. 1.000 IN. DISCHARGE SIZE 10 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 12.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 0.875 IN.

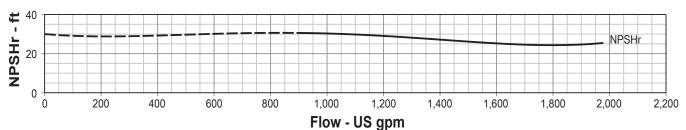


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA IMPELLER NUMBER IMPMF8P **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=14 eye of bottom impeller: 21 IN. WR² 0.32 WEIGHT 12 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2

CHANGE AS FOLLOWS:	0	0					
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.							

FLANGED BOWL DATA

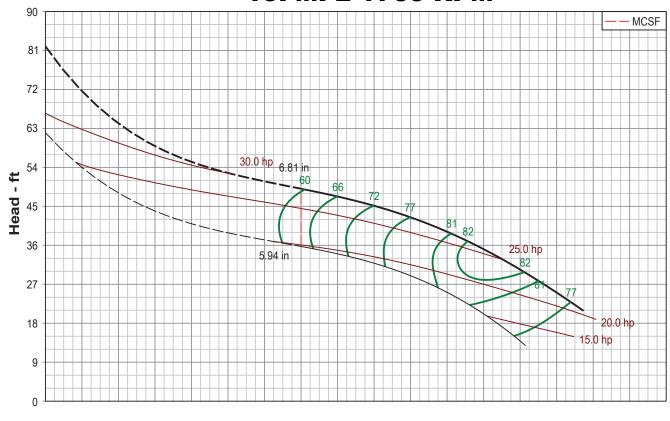
BOWL NUMBER MFBWL8P **BOWL MAX. DIAMETER** 10.125 IN. **BOWL MIN. DIAMETER** 10.125 IN. MAX. NO. STAGES 114 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 64 LB. STD. SHAFT DIA. 1.000 IN. DISCHARGE SIZE 10 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 12.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 0.875 IN.

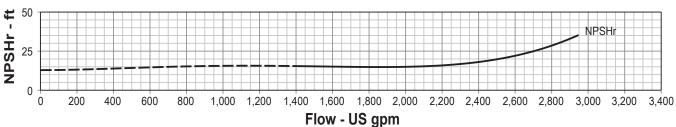


SINGLE STAGE PERFORMANCE

APRIL 2020







	IMPELLEI	R DAT	Α		
IMPELLER NUMBER TYPE THRUST FACTOR WR ² WEIGHT	IMPMF10L SEMI-OPEN K=21 0.96 31 LB.	Minii	mum subm of bottom i	0	
EFF	ICIENCY C	ORR	ECTION	1	
NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	0	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER					

FLANGED BOWL DATA

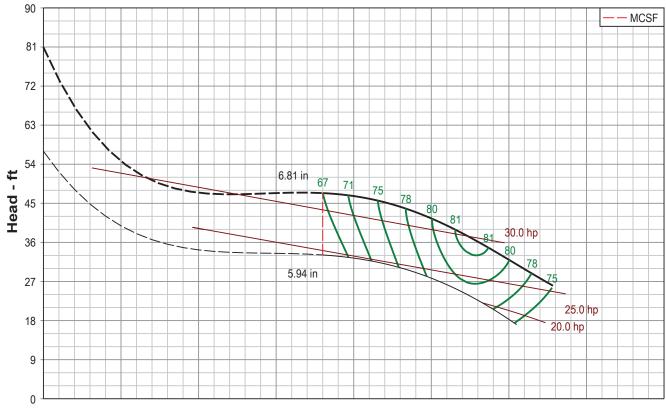
BOWL NUMBER MFBWL10LM **BOWL MAX. DIAMETER** 12.625 IN. BOWL MIN. DIAMETER 12.625 IN. MAX. NO. STAGES 195 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 124 LB. STD. SHAFT DIA. 1.500 IN. DISCHARGE SIZE 12 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 14.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.250 IN.

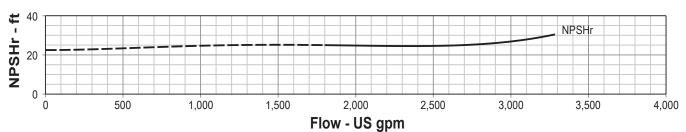


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA IMPELLER NUMBER IMPMF10M **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=21 eye of bottom impeller: 23 IN. WR² 0.96 WEIGHT 31 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

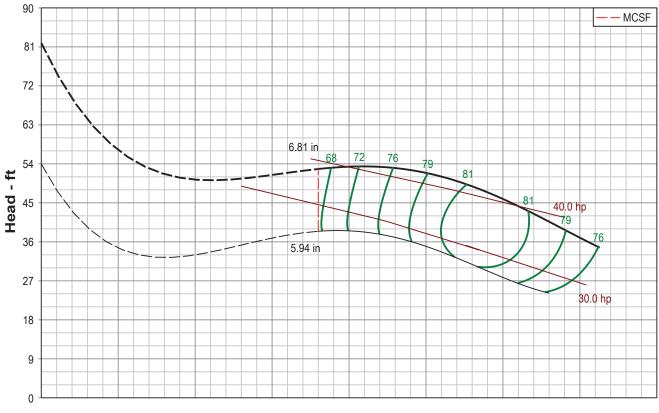
FLANGED BOWL DATA

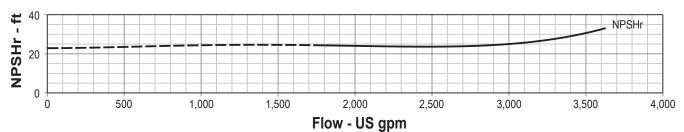


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA IMPELLER NUMBER IMPMF10P **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=21 eye of bottom impeller: 23 IN. WR² 0.96 WEIGHT 31 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS: CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

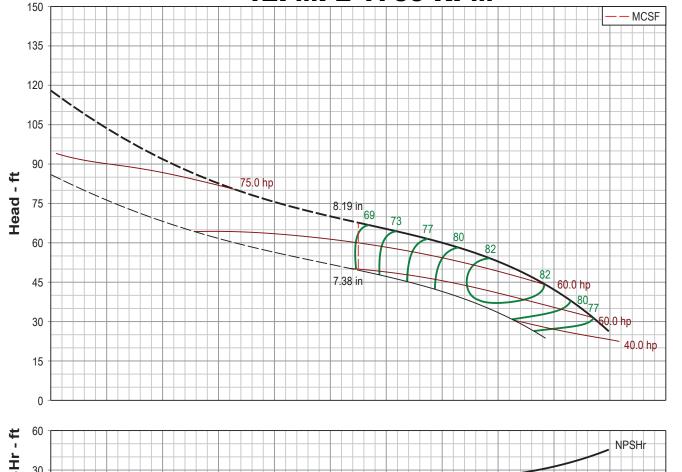
BOWL NUMBER MFBWL10P **BOWL MAX. DIAMETER** 12.625 IN. **BOWL MIN. DIAMETER** 12.625 IN. MAX. NO. STAGES 195 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 124 LB. STD. SHAFT DIA. 1.500 IN. DISCHARGE SIZE 12 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 14.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.250 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





80 30 0 0 0 500 1,000 1,500 2,000 2,500 3,000 3,500 4,000 4,500 5,000 5,500 Flow - US gpm

IMPELLER DATA

IMPELLER NUMBERIMPMF12LTYPESEMI-OPENTHRUST FACTORK=31WR22.30WEIGHT44 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

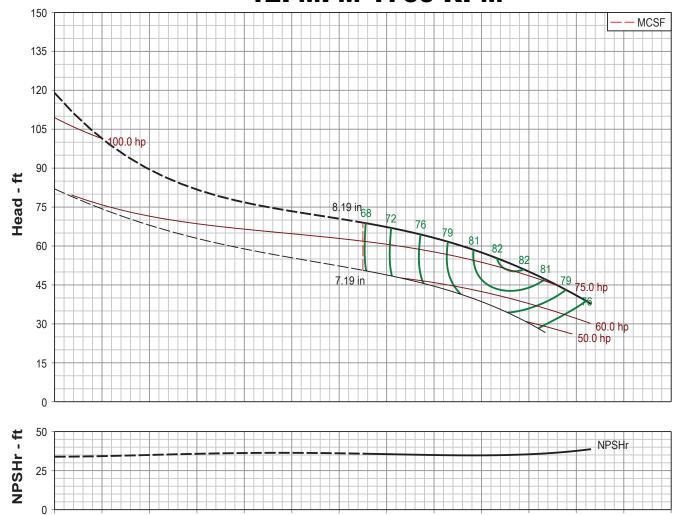
BOWL NUMBER MFBWL12LM **BOWL MAX. DIAMETER** 15.000 IN. **BOWL MIN. DIAMETER** 15.000 IN. MAX. NO. STAGES 290 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 160 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 14 IN. DISCHARGE CONNECTION FLG 17.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.625 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





IMPELLER DATA

1,500

2,000

1,000

IMPELLER NUMBER	IMPMF12M
TYPE	SEMI-OPEN
THRUST FACTOR	K=31
WR ²	2.30
WEIGHT	44 LB.

0

500

Minimum submergence above eye of bottom impeller: 30 IN.

2,500

3,000

Flow - US gpm

3,500

4,000

4,500

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

FLANGED BOWL DATA

5,500

6,000

6,500

5,000

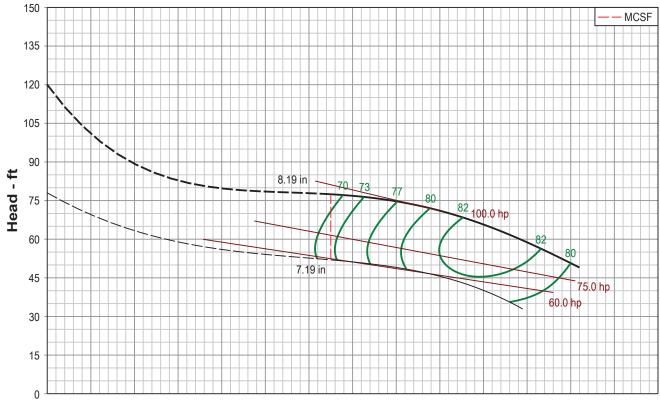
BOWL NUMBER MFBWL12LM **BOWL MAX. DIAMETER** 15.000 IN. **BOWL MIN. DIAMETER** 15.000 IN. MAX. NO. STAGES ONE STAGE WEIGHT 290 LB. ADD STAGE WEIGHT 160 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 14 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 17.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.625 IN.

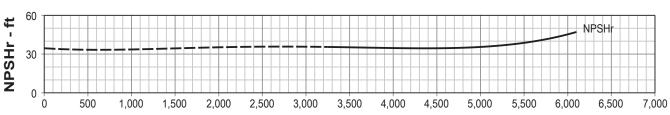


SINGLE STAGE PERFORMANCE

APRIL 2020

12FMFP 1760 RPM





Flow - US gpm

IMPELLER DATA IMPELLER NUMBER IMPMF12P **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=31 eye of bottom impeller: 30 IN. WR² 2.30 WEIGHT 44 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

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 290 LB. ONE STAGE WEIGHT 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 CURVES MIXED FLOW

1160 RPM

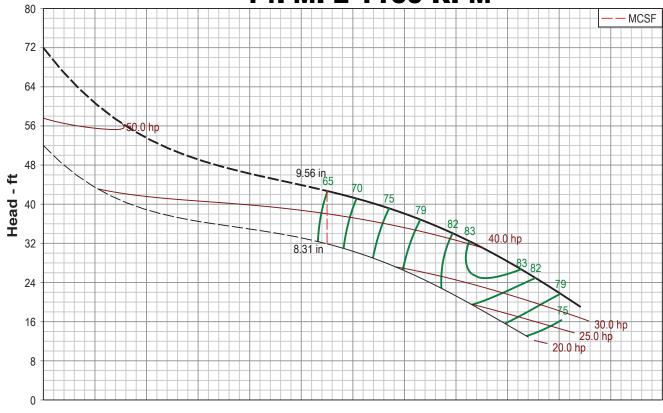


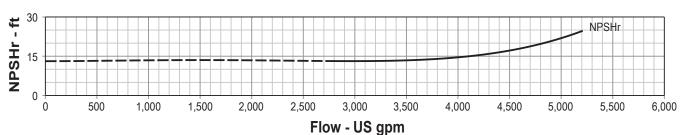


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA						
TYPE THRUST FACTOR WR ²	IMPMF14I SEMI-OPE K=42 4.80 70 LB.	N Mir	imum subn	•		
EFFICIENCY CORRECTION						
NUMBER OF BOWLS:	1	2				
CHANGE AS FOLLOWS:	0	0				

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

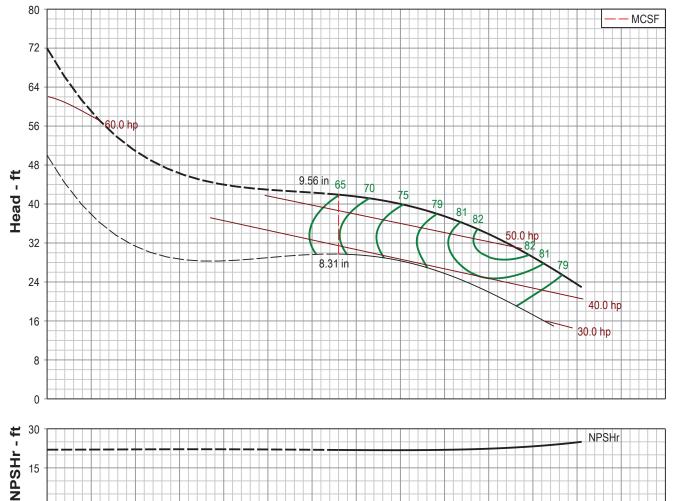
BOWL NUMBER MFBWL14LM **BOWL MAX. DIAMETER** 17.625 IN. **BOWL MIN. DIAMETER** 17.625 IN. MAX. NO. STAGES 415 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 255 LB. STD. SHAFT DIA. 1.938 IN. DISCHARGE SIZE 16 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 19.875 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





0 3,500 4,000 500 1,000 1,500 2,000 2,500 4,500 5,000 5,500 6,000 6,500 7,000 Flow - US gpm

IMPELLER DATA IMPELLER NUMBER IMPMF14M **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=42 eye of bottom impeller: 35 IN. WR² 4.80 WEIGHT 70 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2

CHANGE AS FOLLOWS:	0	0			
CHANGE IN EFFICIENCY MAY	Y AFFECT	BOTH HE	AD AND	HORSEPO	WFR

FLANGED BOWL DATA

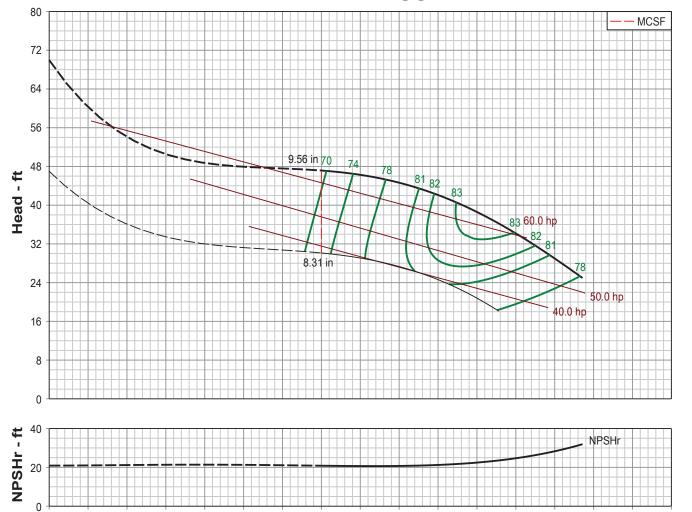
BOWL NUMBER MFBWL14LM **BOWL MAX. DIAMETER** 17.625 IN. BOWL MIN. DIAMETER 17.625 IN. MAX. NO. STAGES 415 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 255 LB. STD. SHAFT DIA. 1.938 IN. DISCHARGE SIZE 16 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 19.875 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





Flow - US gpm

4,000 4,500

5,000

5,500

IMPELLER DATA

2,000

1,500

2,500

3,000

IMPELLER NUMBERIMPMF14PTYPESEMI-OPENTHRUST FACTORK=42WR24.80WEIGHT70 LB.

1,000

500

0

Minimum submergence above eye of bottom impeller: 35 IN.

3,500

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

6,500

6,000

7,500

7,000

8,000

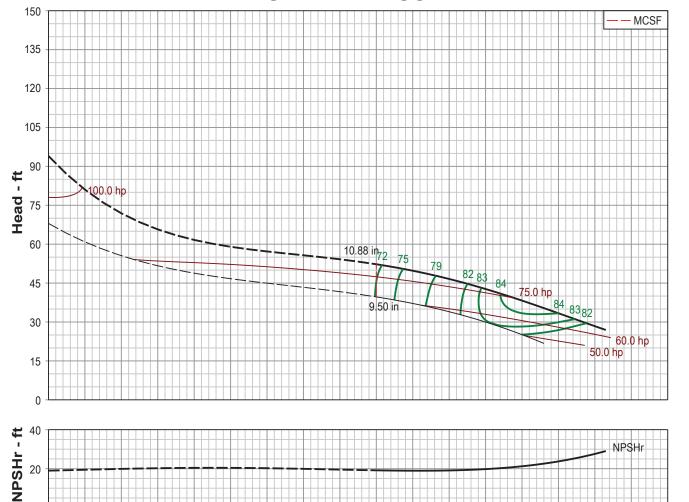
BOWL NUMBER MFBWL14P **BOWL MAX. DIAMETER** 17.625 IN. **BOWL MIN. DIAMETER** 17.625 IN. MAX. NO. STAGES 415 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 255 LB. STD. SHAFT DIA. 1.938 IN. DISCHARGE SIZE 16 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 19.875 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





3,500 4,000 4,500 5,000 5,500 6,000 6,500 Flow - US gpm

IMPELLER DATA IMPELLER NUMBER IMPMF16L **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=55 eye of bottom impeller: 40 IN. WR² 10.60 WEIGHT 120 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

3,000

2,500

0

0

1,000

1,500

2,000

FLANGED BOWL DATA

7,000

8,000

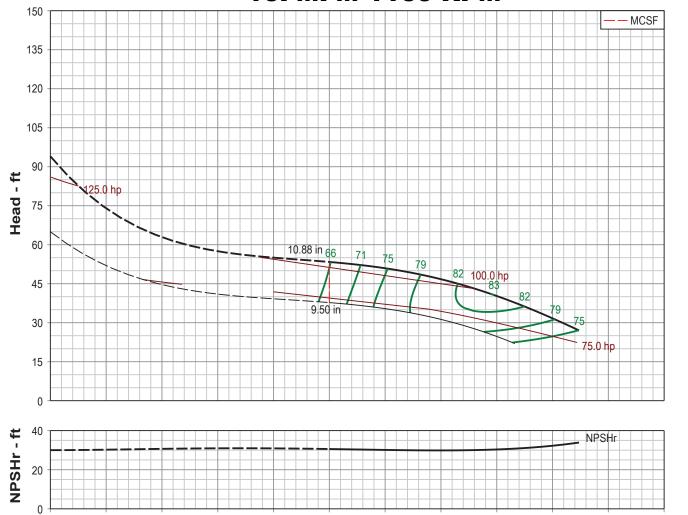
BOWL NUMBER MFBWL16LM **BOWL MAX. DIAMETER** 20.000 IN. **BOWL MIN. DIAMETER** 20.000 IN. MAX. NO. STAGES 620 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 365 LB. STD. SHAFT DIA. 2.438 IN. 20 IN. DISCHARGE SIZE DISCHARGE CONNECTION FLG SUCTION SIZE 22.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.625 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





			D 4 5	-
IIV	IPFI	.LER	114	-

3,000

4,000

IMPELLER NUMBER	IMPMF16M
TYPE	SEMI-OPEN
THRUST FACTOR	K=55
WR ²	10.60
WEIGHT	120 LB.

2,000

1,000

Minimum submergence above eye of bottom impeller: 40 IN.

5,000

6,000

Flow - US gpm

7,000

BOWL NUMBER

	0					
EFFICIENCY CORRECTION						
NUMBER OF BOWLS:	1	2				
CHANGE AS FOLLOWS:	0	0				
CHANGE IN EFFICIENCY MAY	/ AFFECT	BOTH HE		HODGEDO	WED.	

FLANGED BOWL DATA

9,000

10,000

MFBWL16LM

11,000

8,000

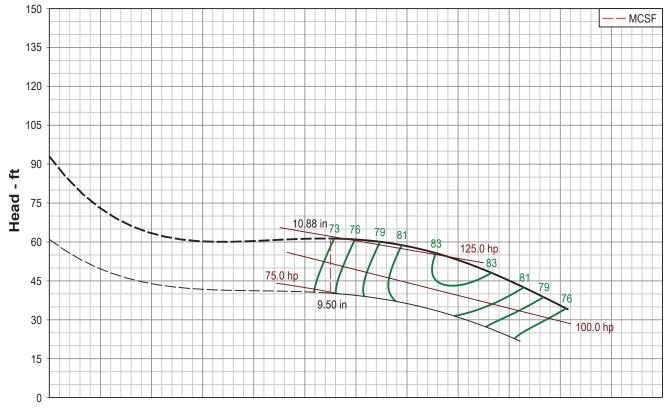
BOWL MAX. DIAMETER 20.000 IN. **BOWL MIN. DIAMETER** 20.000 IN. MAX. NO. STAGES 620 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 365 LB. STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 20 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 22.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.625 IN.

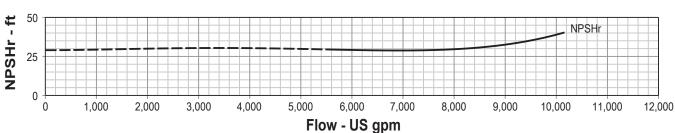


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER NUMBER TYPE THRUST FACTOR WR ² WEIGHT	IMPMF16P SEMI-OPEN K=55 10.6 120 LB.	Minir		nergence a impeller:		
EFFICIENCY CORRECTION						
NUMBER OF BOWLS:	1	2				
CHANGE AS FOLLOWS:	0	0				
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER						

IMPELLER DATA

FLANGED BOWL DATA

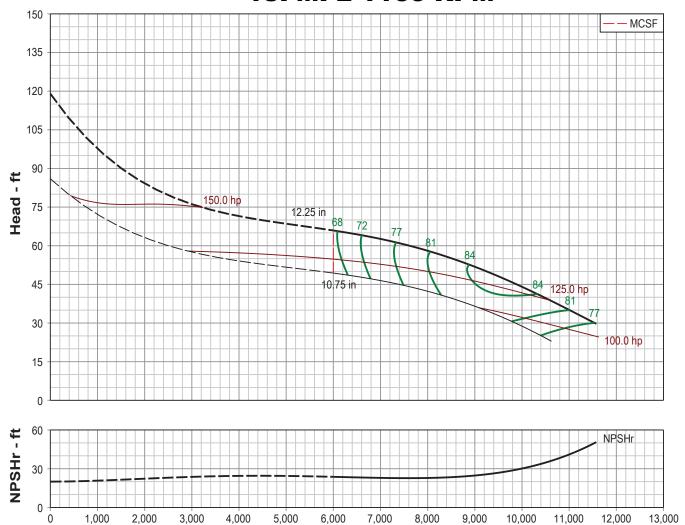
BOWL NUMBER MFBWL16P **BOWL MAX. DIAMETER** 20.000 IN. **BOWL MIN. DIAMETER** 20.000 IN. MAX. NO. STAGES 620 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 365 LB. STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 20 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 22.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.625 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

18FMFL 1160 RPM



	IMPELLER	R DATA
IMPELLER NUMBER	IMPMF18L	

TYPE SEMI-OPEN
THRUST FACTOR K=70
WR² 17.0
WEIGHT 135 LB.

Minimum submergence above eye of bottom impeller: 45 IN.

Flow - US gpm

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

FLANGED BOWL DATA

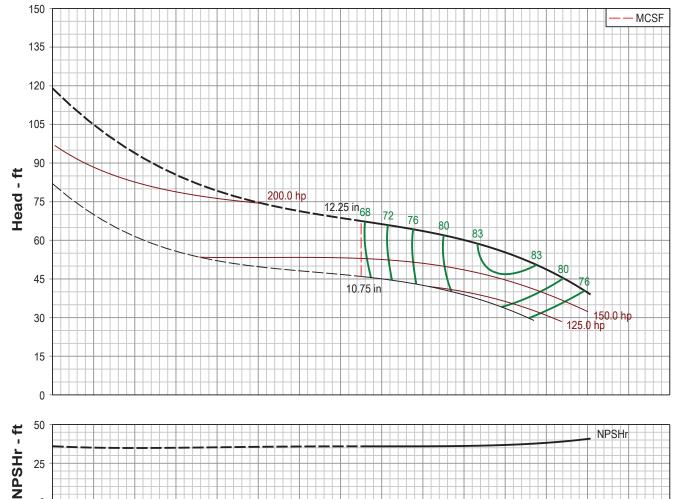
BOWL NUMBER MFBWL18LM **BOWL MAX. DIAMETER** 22.500 IN. **BOWL MIN. DIAMETER** 22.500 IN. MAX. NO. STAGES 775 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 465 LB. STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 25.500 IN. SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 2.375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



SINGLE STAGE PERFORMANCE

APRIL 2020

18FMFM 1160 RPM



7,000 8,000 6,000 9,000 10,000 11,000 12,000 13,000 14,000 15.000 Flow - US gpm

IMPELLER DATA

4,000

5,000

IMPELLER NUMBER	IMPMF18M
TYPE	SEMI-OPEN
THRUST FACTOR	K=70
WR ²	17.0
WEIGHT	135 LB.

2,000

3,000

0

0

1.000

Minimum submergence above eye of bottom impeller: 45 IN.

EFFIC	IENCY	CORRI	ECTION	1
ED OE BOWLS:	1	2		

NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	0	0			
CHANGE IN EFFICIENCY MAY	Y AFFECT	ВОТН НЕ	AD AND	HORSEPO	WER.

FLANGED BOWL DATA

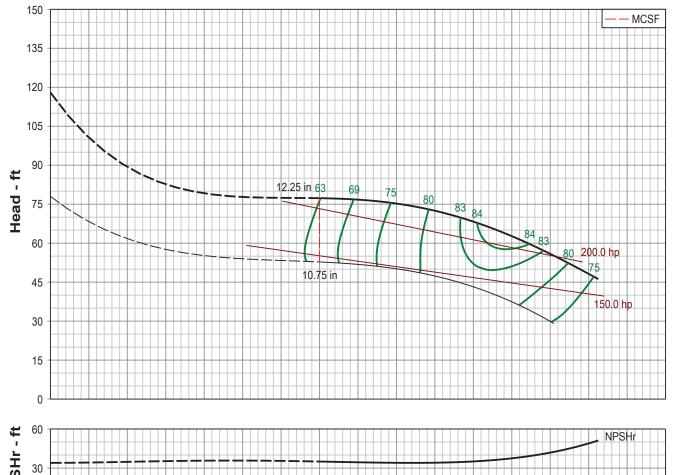
BOWL NUMBER MFBWL18LM **BOWL MAX. DIAMETER** 22.500 IN. **BOWL MIN. DIAMETER** 22.500 IN. MAX. NO. STAGES 775 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 465 LB. STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG 25.500 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 2.375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

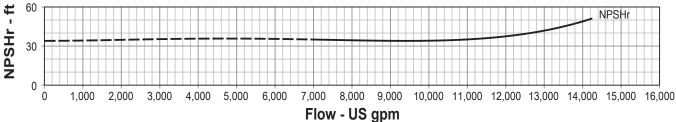


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA IMPELLER NUMBER IMPMF18P **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=70 eye of bottom impeller: 45 IN. WR² 17.0 WEIGHT 135 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS: CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BO	OWL DATA
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BOWL NUMBER MFBWL18P **BOWL MAX. DIAMETER** 22.500 IN. 22.500 IN. **BOWL MIN. DIAMETER** MAX. NO. STAGES 775 LB. ONE STAGE WEIGHT 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 CURVES MIXED FLOW

860 RPM

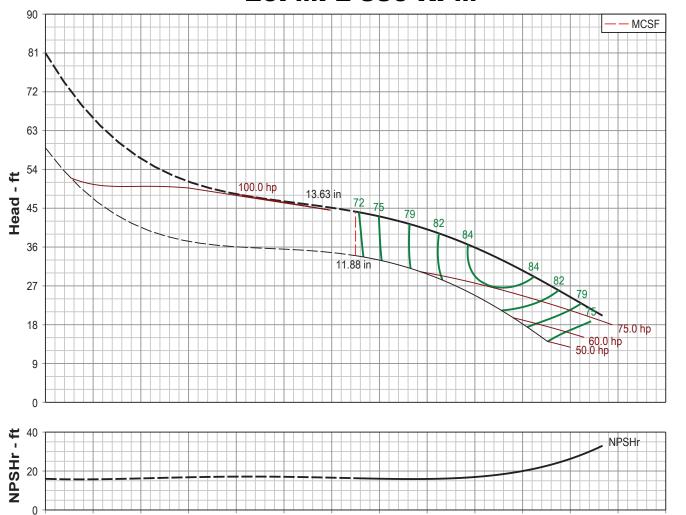




SINGLE STAGE PERFORMANCE

APRIL 2020

20FMFL 880 RPM



6,000

7,000

Flow - US gpm

8,000

9.000

IMPELLER DATA IMPELLER NUMBER IMPMF20L **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=135 eye of bottom impeller: 50 IN. WR² 18.0 WEIGHT 185 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

3.000

4.000

5.000

0

1.000

2.000

FLANGED BOWL DATA

11.000

12.000

13.000

10.000

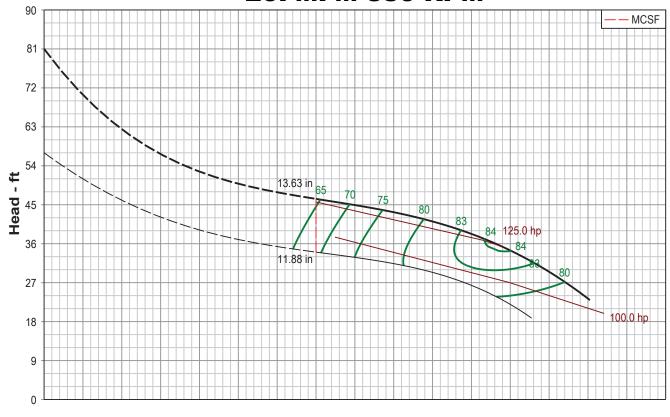
BOWL NUMBER MFBWL20LM **BOWL MAX. DIAMETER** 25.000 IN. **BOWL MIN. DIAMETER** 25.000 IN. MAX. NO. STAGES 1030 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 640 LB. STD. SHAFT DIA. 2.688 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 28.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.750 IN.

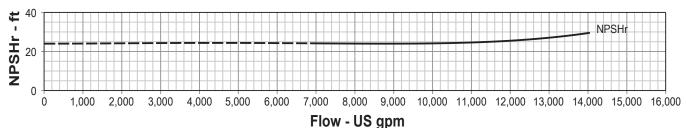


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA IMPELLER NUMBER IMPMF20M **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=135 eye of bottom impeller: 50 IN. WR² 18.0 WEIGHT 185 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

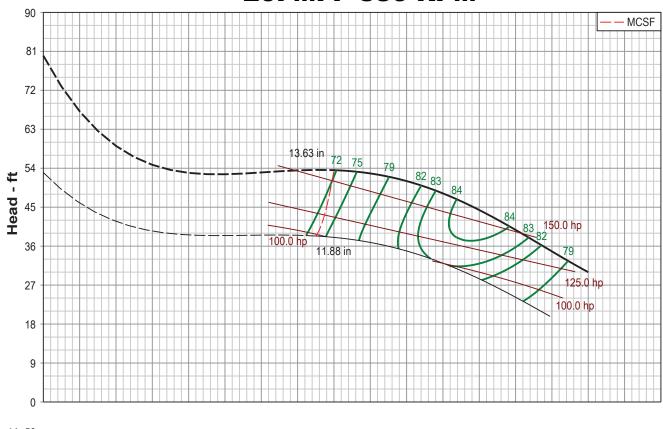
BOWL NUMBER MFBWL20LM **BOWL MAX. DIAMETER** 25.000 IN. **BOWL MIN. DIAMETER** 25.000 IN. MAX. NO. STAGES 1030 LB. ONE STAGE WEIGHT 640 LB. ADD STAGE WEIGHT STD. SHAFT DIA. 2.688 IN. 24 IN. DISCHARGE SIZE DISCHARGE CONNECTION FLG SUCTION SIZE 28.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.750 IN.

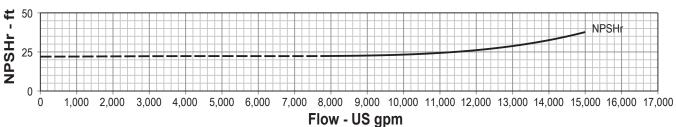


SINGLE STAGE PERFORMANCE

APRIL 2020

20FMFP 880 RPM





IMPELLER DATA								
IMPELLER NUMBER TYPE THRUST FACTOR WR ² WEIGHT	IMPMF20P SEMI-OPEN K=135 18.0 185 LB.	Minii	mum submergen of bottom impelle					
EFFICIENCY CORRECTION								
NUMBER OF BOWLS:	1	2						
CHANGE AS FOLLOWS:	0	0						
CHANGE IN EFFICIENCY	MAY AFFECT E	вотн н	EAD AND HORS	EPO\	WER.			

FLANGED BOWL DATA

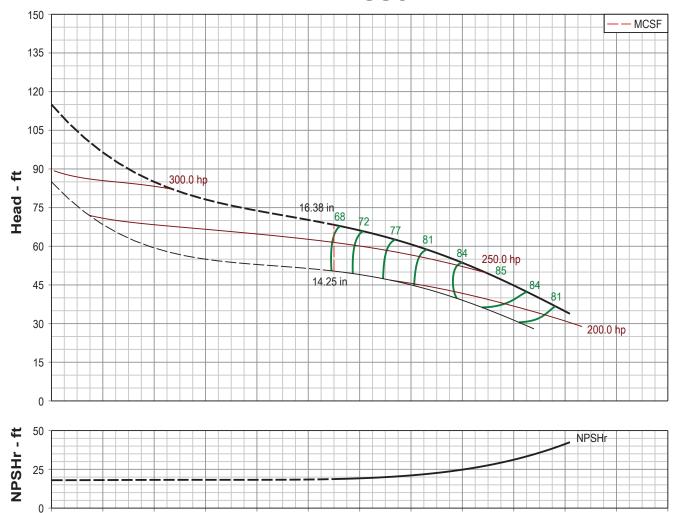
BOWL NUMBER MFBWL20P **BOWL MAX. DIAMETER** 25.000 IN. **BOWL MIN. DIAMETER** 25.000 IN. MAX. NO. STAGES 1030 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 640 LB. STD. SHAFT DIA. 2.688 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG 28.500 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

24FMFL 880 RPM



12,000

Flow - US gpm

14,000

16,000

IMPELLER DATA IMPELLER NUMBER IMPMF24L **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=125 eye of bottom impeller: 59 IN. WR² 76.0 WEIGHT 290 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

6,000

8,000

2,000

4,000

FLANGED BOWL DATA

20,000

22,000

24,000

18,000

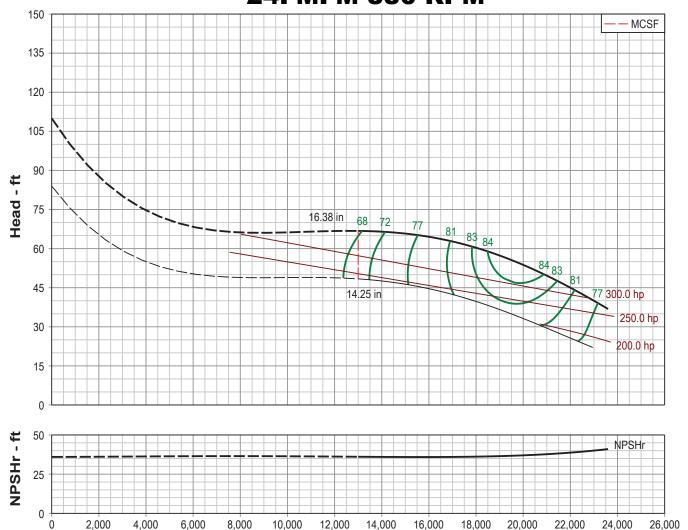
BOWL NUMBER MFBWL24LM **BOWL MAX. DIAMETER** 29.875 IN. **BOWL MIN. DIAMETER** 29.875 IN. MAX. NO. STAGES 1780 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 1125 LB. STD. SHAFT DIA. 2.688 IN. DISCHARGE SIZE 30 IN. DISCHARGE CONNECTION FLG 33.500 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 3.250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



SINGLE STAGE PERFORMANCE

APRIL 2020





IMPELLER	DATA

6,000

8,000

4,000

IMPELLER NUMBER IMPMF24M **TYPE** SEMI-OPEN THRUST FACTOR K=125 WR² 76.0 WEIGHT 290 LB.

0

2,000

Minimum submergence above eye of bottom impeller: 59 IN.

Flow - US gpm

EFFICIENCY CORRECTION						
NUMBER OF BOWLS:	1	2				
CHANGE AS FOLLOWS:	0	0				
CHANGE IN EFFICIENCY MAY	Y AFFECT	BOTH HE	EAD AND	HORSEPO	WER.	

FLANGED BOWL DATA

22,000

24,000

26,000

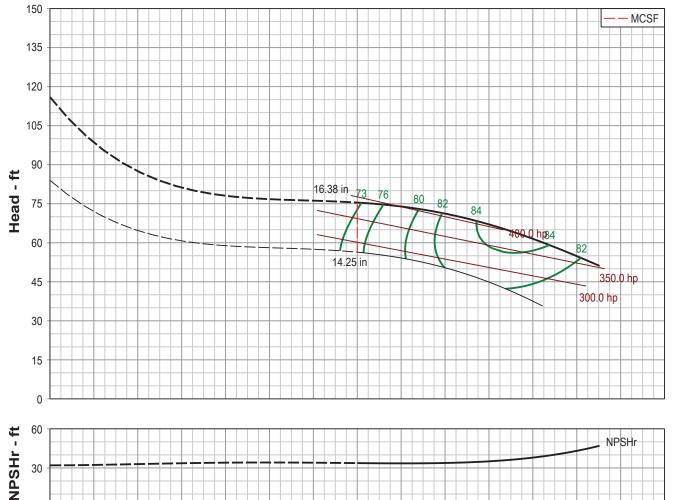
BOWL NUMBER MFBWL24LM **BOWL MAX. DIAMETER** 29.875 IN. **BOWL MIN. DIAMETER** 29.875 IN. MAX. NO. STAGES 1780 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 1125 LB. STD. SHAFT DIA. 2.688 IN. DISCHARGE SIZE 30 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 33.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 3.250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



SINGLE STAGE PERFORMANCE

APRIL 2020





0 2,000 4,000 6,000 8,000 10,000 12,000 14,000 16,000 18,000 20,000 22,000 24,000 26,000 28,000 Flow - US gpm

IMPELLER NUMBER IMPMF24P TYPE SEMI-OPEN THRUST FACTOR K=125 WR² 76.0 WEIGHT 290 LB. Minimum submergence above eye of bottom impeller: 59 IN.

IMPELLER DATA

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

FLANGED BOWL DATA

MFBWL24P

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

BOWL NUMBER



PERFORMANCE CURVES MIXED FLOW

700 RPM

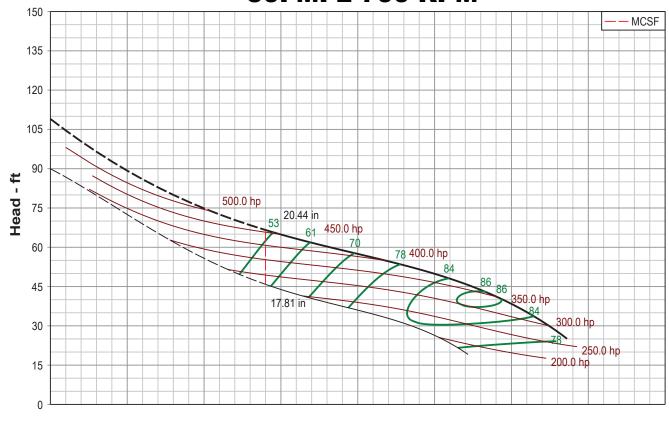


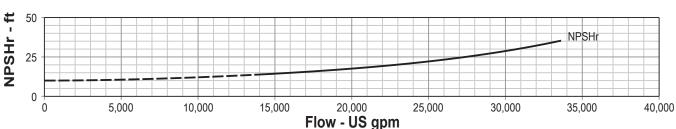


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA IMPELLER NUMBER IMPMF30L **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=206 eye of bottom impeller: 74 IN. WR² 222.0 WEIGHT 550 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

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

BOWL NUMBER

FLANGED BOWL DATA

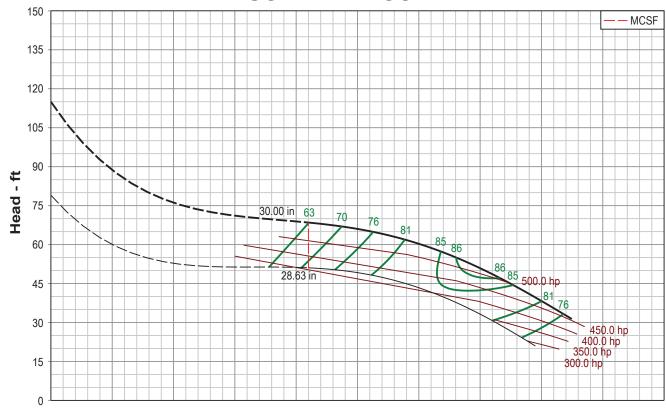
MFBWL30

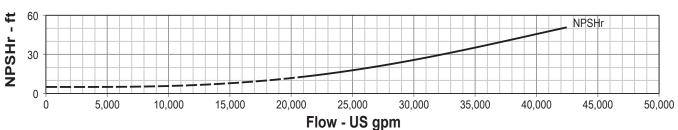


SINGLE STAGE PERFORMANCE

APRIL 2020







IMPELLER DATA IMPELLER NUMBER IMPMF30M **TYPE** SEMI-OPEN Minimum submergence above THRUST FACTOR K=206 eye of bottom impeller: 74 IN. WR² 222.0 WEIGHT 550 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

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.