

PERFORMANCE CURVES AXIAL FLOW

1760 RPM





SINGLE STAGE PERFORMANCE

APRIL 2020





PROPELLER DATA

PROPELLER NUMBER	PROP895	
TYPE	OPEN	Mi
THRUST FACTOR	K=20	
WR ²	0.26	еу
WEIGHT	6.50 LB.	

Minimum submergence above eye of bottom impeller: 30 IN.

Flow - US gpm

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

FLANGED BOWL DATA

BOWL NUMBER PBWL8 **BOWL MAX. DIAMETER** 11.500 IN. **BOWL MIN. DIAMETER** 11.500 IN. MAX. NO. STAGES 112 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 64 LB. STD. SHAFT DIA. 1.000 IN. DISCHARGE SIZE 8 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 13.250 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

8FAF - 12.5 DEG 1760 RPM



PROPELLER DATA

PROPELLER NUMBER PROP8125
TYPE OPEN
THRUST FACTOR K=20
WR² 0.26
WEIGHT 6.50 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

Flow - US gpm

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

FLANGED BOWL DATA

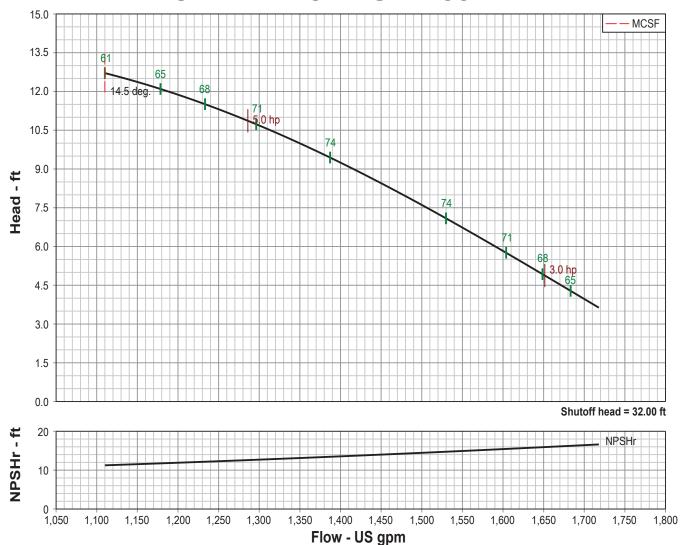
BOWL NUMBER PBWL8 **BOWL MAX. DIAMETER** 11.500 IN. **BOWL MIN. DIAMETER** 11.500 IN. MAX. NO. STAGES 112 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 64 LB. STD. SHAFT DIA. 1.000 IN. DISCHARGE SIZE 8 IN. DISCHARGE CONNECTION FLG 13.250 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

8FAF - 14.5 DEG 1760 RPM



PROPELLER DATA PROPELLER NUMBER PROP8145 **TYPE OPEN** Minimum submergence above THRUST FACTOR K=20 eye of bottom impeller: 30 IN. WR² 0.26 WEIGHT 6.50 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

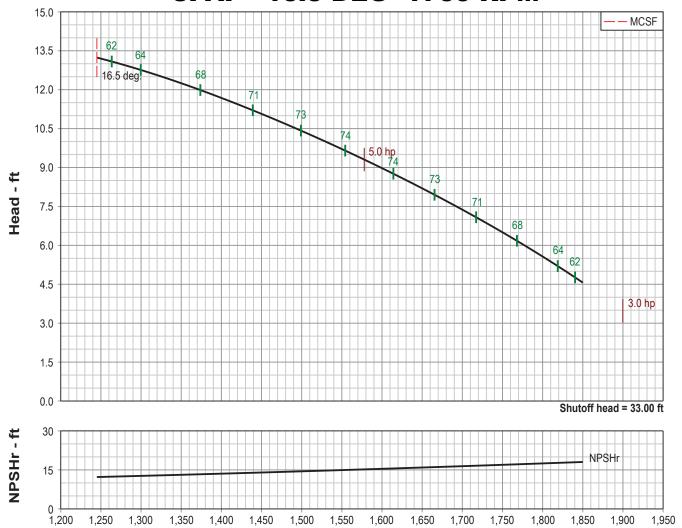
BOWL NUMBER	PBWL8
BOWL MAX. DIAMETER	11.500 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	112 LB.
ADD STAGE WEIGHT	64 LB.
STD. SHAFT DIA.	1.000 IN.
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	13.250 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	1.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





PROPELLER DATA

PROPELLER NUMBER	PROP8165
TYPE	OPEN
THRUST FACTOR	K=20
WR ²	0.26
WEIGHT	6.50 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

Flow - US gpm

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

FLANGED BOWL DATA

BOWL NUMBER PBWL8 **BOWL MAX. DIAMETER** 11.500 IN. **BOWL MIN. DIAMETER** 11.500 IN. MAX. NO. STAGES 112 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 64 LB. STD. SHAFT DIA. 1.000 IN. DISCHARGE SIZE 8 IN. DISCHARGE CONNECTION FLG 13.250 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 1.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

8FAF - 19.5 DEG 1760 RPM



1,400 1,450 1,500 1,550 1,600 1,650 1,700 1,750 1,800 1,850 1,900 1,950 2,000 2,050 2,100 2,150 Flow - US gpm

PROPELLER DATA PROPELLER NUMBER PROP8195 **TYPE OPEN** Minimum submergence above THRUST FACTOR K=20 eye of bottom impeller: 30 IN. WR² 0.26 WEIGHT 6.50 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

BOWL NUMBER	PBWL8
BOWL MAX. DIAMETER	11.500 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	112 I R

FLANGED BOWL DATA

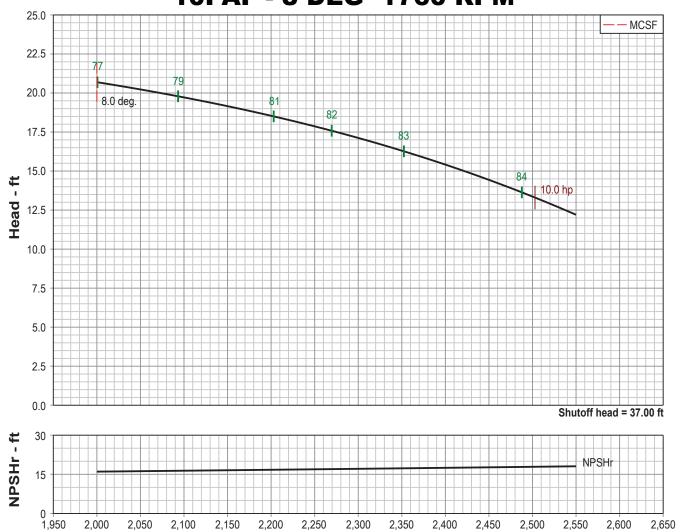
MA ONE STAGE WEIGHT ADD STAGE WEIGHT 64 LB. STD. SHAFT DIA. 1.000 IN. DISCHARGE SIZE 8 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 13.250 IN. SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 1.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





PROPELLER DATA

	DD 0 D 100
PROPELLER NUMBER	PROP108
TYPE	OPEN
THRUST FACTOR	K=32
WR ²	0.72
WEIGHT	8.25 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

Flow - US gpm

EFFICIENCY CORRECTION						
NUMBER OF BOWLS:	1	2				
CHANGE AS FOLLOWS: 0 0						
CHANGE IN FEFICIENCY MAY	Y AFFFCT	BOTH HE	AD AND	HORSEPO	WFR	

FLANGED BOWL DATA

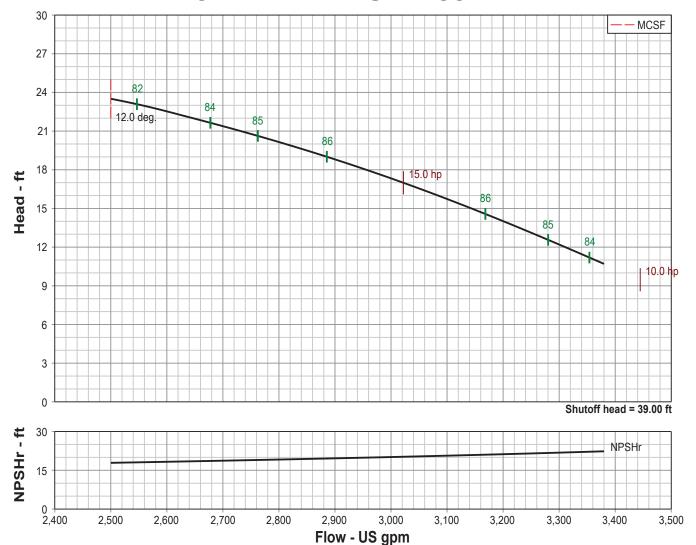
BOWL NUMBER PBWL10 **BOWL MAX. DIAMETER** 13.375 IN. **BOWL MIN. DIAMETER** 13.375 IN. MAX. NO. STAGES 176 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 100 LB. STD. SHAFT DIA. 1.188 IN. DISCHARGE SIZE 10 IN. DISCHARGE CONNECTION FLG 16.750 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.250 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

10FAF - 12 DEG 1760 RPM



P	RO	PE	LLE	R [DAT	Α
---	----	----	-----	-----	-----	---

 PROPELLER NUMBER
 PROP1012

 TYPE
 OPEN

 THRUST FACTOR
 K=32

 WR²
 0.72

 WEIGHT
 8.50 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	Y AFFECT	BOTH HE	AD AND	HORSEPO	WFR	

FLANGED BOWL DATA

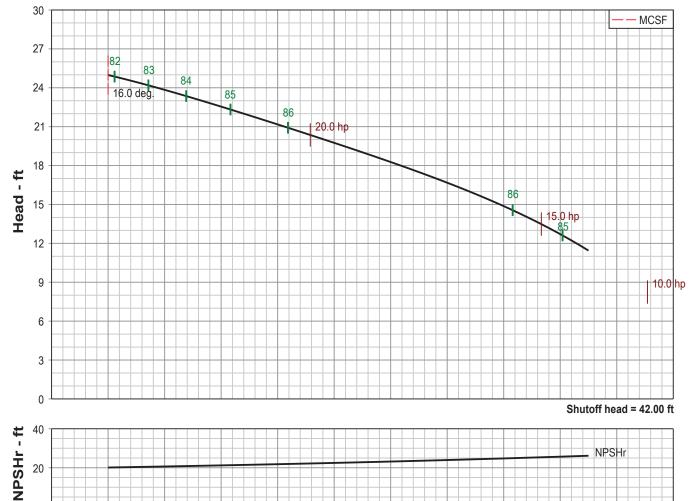
BOWL NUMBER PBWL10 **BOWL MAX. DIAMETER** 13.375 IN. **BOWL MIN. DIAMETER** 13.375 IN. MAX. NO. STAGES 176 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 100 LB. STD. SHAFT DIA. 1.188 IN. DISCHARGE SIZE 10 IN. DISCHARGE CONNECTION FLG 16.750 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.250 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





Flow - US gpm

3,500

3,600

3,400

PROPELLER DATA

3,200

3,300

PROPELLER NUMBER	PROP1016
TYPE	OPEN
THRUST FACTOR	K=32
WR ²	0.72
WEIGHT	8 50 LB

3,100

3,000

2,900

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	CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

FLANGED BOWL DATA

3,800

3,900

4,000

3,700

BOWL NUMBER PBWL10 **BOWL MAX. DIAMETER** 13.375 IN. 13.375 IN. **BOWL MIN. DIAMETER** MAX. NO. STAGES 176 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 100 LB. STD. SHAFT DIA. 1.188 IN. DISCHARGE SIZE 10 IN. DISCHARGE CONNECTION FLG 16.750 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 2.250 IN.

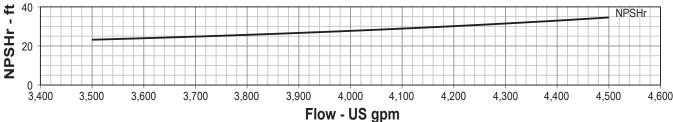


SINGLE STAGE PERFORMANCE

APRIL 2020







PROPELLER DATA PROPELLER NUMBER PROP1020 **TYPE** OPEN Minimum submergence above K=32 THRUST FACTOR eye of bottom impeller: 30 IN. WR² 0.72 WEIGHT 8.50 LB. **EFFICIENCY CORRECTION**

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

FLANGED BOWL DATA

BOWL NUMBER PBWL10 **BOWL MAX. DIAMETER** 13.375 IN. **BOWL MIN. DIAMETER** 13.375 IN. MAX. NO. STAGES 176 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 100 LB. STD. SHAFT DIA. 1.188 IN. DISCHARGE SIZE 10 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 16.750 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 2.250 IN.

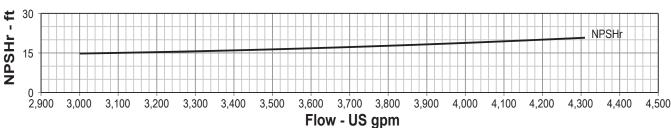


SINGLE STAGE PERFORMANCE

APRIL 2020







PROPELLER DATA

PROPELLER NUMBER	PROP128
TYPE	OPEN
THRUST FACTOR	K=48
WR ²	1.90
WEIGHT	12.50 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

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

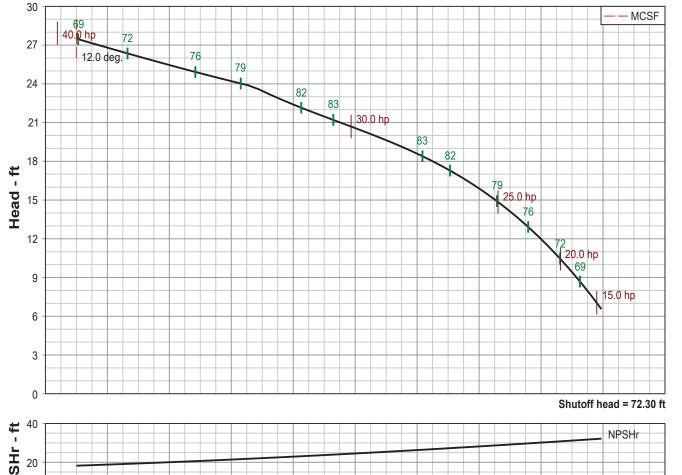
BOWL NUMBER PBWL12 **BOWL MAX. DIAMETER** 16.375 IN. **BOWL MIN. DIAMETER** 16.375 IN. MAX. NO. STAGES 312 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 173 LB. STD. SHAFT DIA. 1.500 IN. DISCHARGE SIZE 12 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 20.500 IN. SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 2.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

12FAF - 12 DEG 1760 RPM



20 NPSHr 20

PROPELLER DATA

PROPELLER NUMBER	PROP1212
TYPE	OPEN
THRUST FACTOR	K=48
WR ²	1.90
WEIGHT	12.50 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

EFFICIENCY CORRECTION							
NUMBER OF BOWLS:	1	2					
CHANGE AS FOLLOWS:	0	0					
CHANGE IN EFFICIENCY MAY	/ AFFECT	BOTH HE	AD AND	HORSEPO)WFR		

FLANGED BOWL DATA

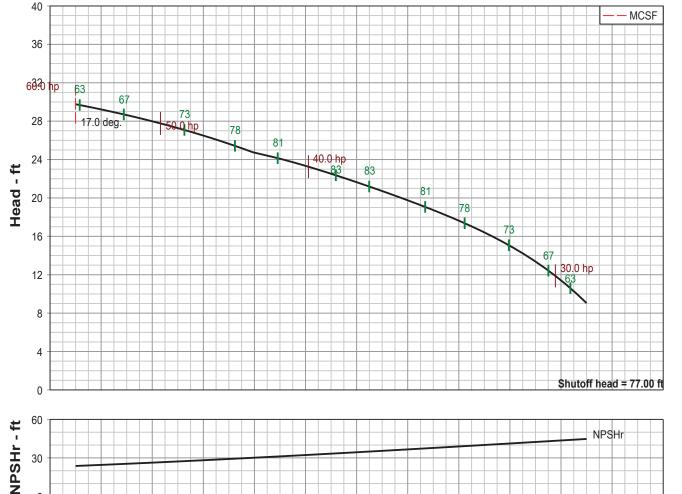
BOWL NUMBER	PBWL12
BOWL MAX. DIAMETER	16.375 IN
BOWL MIN. DIAMETER	16.375 IN
MAX. NO. STAGES	2
ONE STAGE WEIGHT	312 LB.
ADD STAGE WEIGHT	173 LB.
STD. SHAFT DIA.	1.500 IN.
DISCHARGE SIZE	12 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	20.500 IN
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

12FAF - 17 DEG 1760 RPM



5,600 5,800 6,000 5,000 5,200 5,400 6,200 6,400 6,600 6,800 7,000 Flow - US gpm

PROPELLER DATA PROPELLER NUMBER PROP1217 **TYPE OPEN**

THRUST FACTOR K=48 WR² 1.90 WEIGHT 12.50 LB.

4,800

4,600

Minimum submergence above eye of bottom impeller: 36 IN.

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

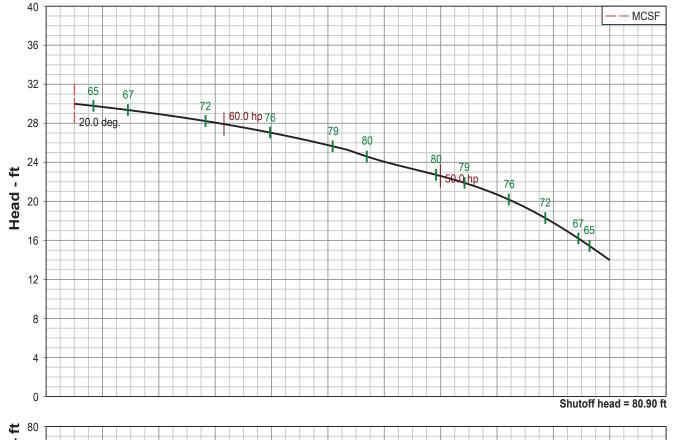
BOWL NUMBER PBWL12 **BOWL MAX. DIAMETER** 16.375 IN. **BOWL MIN. DIAMETER** 16.375 IN. MAX. NO. STAGES 312 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 173 LB. STD. SHAFT DIA. 1.500 IN. DISCHARGE SIZE 12 IN. DISCHARGE CONNECTION FLG 20.500 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 2.875 IN.

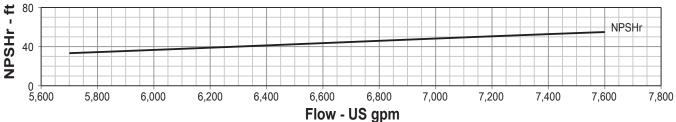


SINGLE STAGE PERFORMANCE

APRIL 2020







PROPELLER DATA PROPELLER NUMBER PROP1220 **TYPE OPEN** Minimum submergence above THRUST FACTOR K=48 eye of bottom impeller: 36 IN. WR² 1.90 WEIGHT 12.50 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

CHANGE AS FOLLOWS:

FLANGED BOWL DATA

BOWL NUMBER	PBWL12
BOWL MAX. DIAMETER	16.375 IN.
BOWL MIN. DIAMETER	16.375 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	312 LB.
ADD STAGE WEIGHT	173 LB.
STD. SHAFT DIA.	1.500 IN.
DISCHARGE SIZE	12 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	20.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	2.875 IN.



PERFORMANCE CURVES AXIAL FLOW

1160 RPM

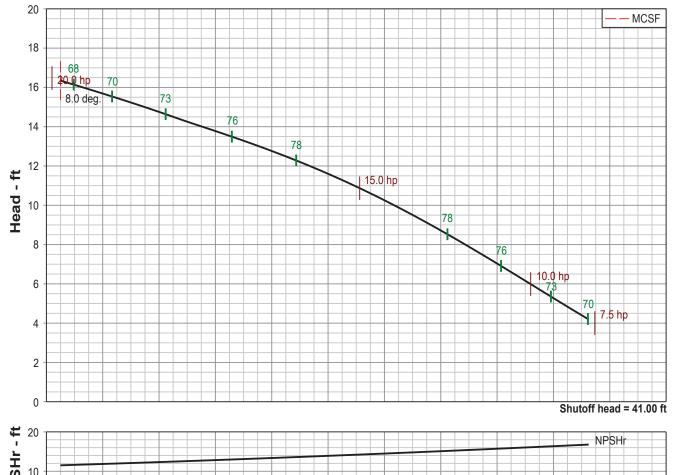


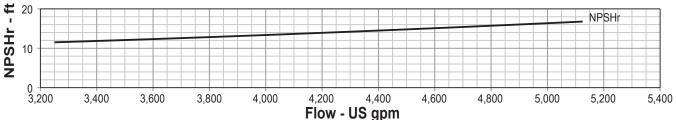


SINGLE STAGE PERFORMANCE

APRIL 2020







PROPELLER DATA

PROPELLER NUMBER PROP148
TYPE OPEN
THRUST FACTOR K=66
WR² 3.40
WEIGHT 22.50 LB.

Minimum submergence above eye of bottom impeller: 41 IN.

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

FLANGED BOWL DATA

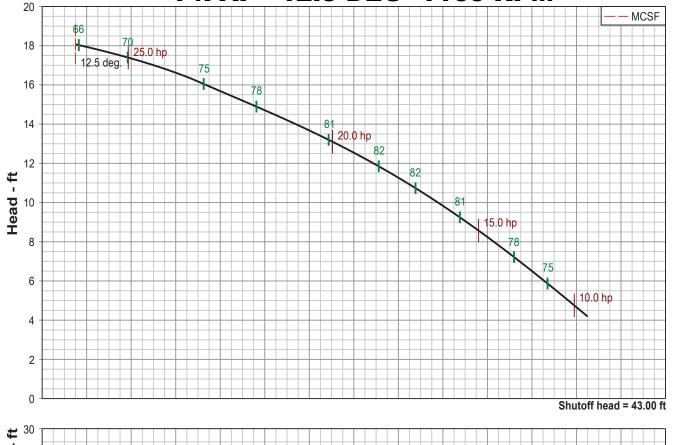
BOWL NUMBER PBWL14 **BOWL MAX. DIAMETER** 18.625 IN. **BOWL MIN. DIAMETER** 18.625 IN. MAX. NO. STAGES 424 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 250 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 14 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 23.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 3.375 IN.

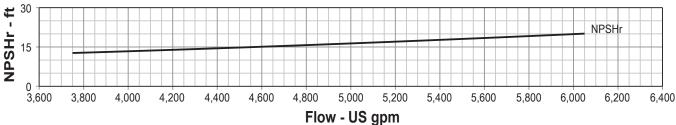


SINGLE STAGE PERFORMANCE

APRIL 2020







PROPELLER DATA

PROPELLER NUMBER	PROP1412
TYPE	OPEN
THRUST FACTOR	K=66
WR ²	3.40
WEIGHT	22.50 LB.

Minimum submergence above eye of bottom impeller: 41 IN.

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

FLANGED BOWL DATA

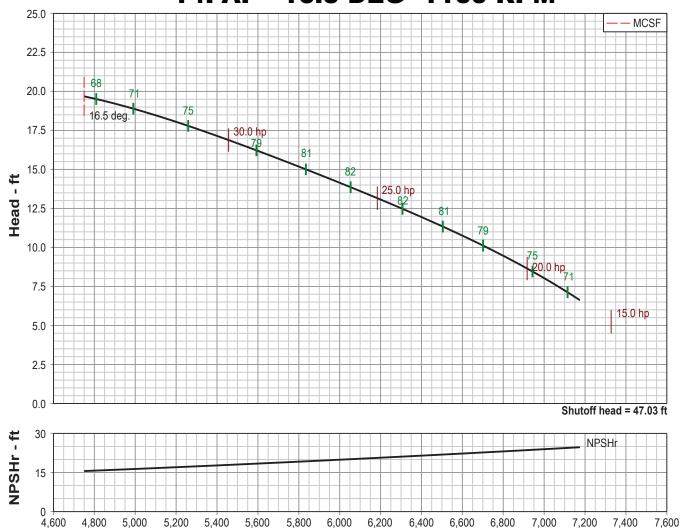
BOWL NUMBER PBWL14 **BOWL MAX. DIAMETER** 18.625 IN. **BOWL MIN. DIAMETER** 18.625 IN. MAX. NO. STAGES 424 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 250 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 14 IN. DISCHARGE CONNECTION FLG 23.500 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 3.375 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





PROPELLER DATA

PROPELLER NUMBER PROP1416
TYPE OPEN
THRUST FACTOR K=66
WR² 3.40
WEIGHT 22.50 LB.

Minimum submergence above eye of bottom impeller: 41 IN.

Flow - US gpm

EFFICIENCY CORRECTION

 NUMBER OF BOWLS:
 1
 2
 Image: Comparison of the comparison of the

FLANGED BOWL DATA

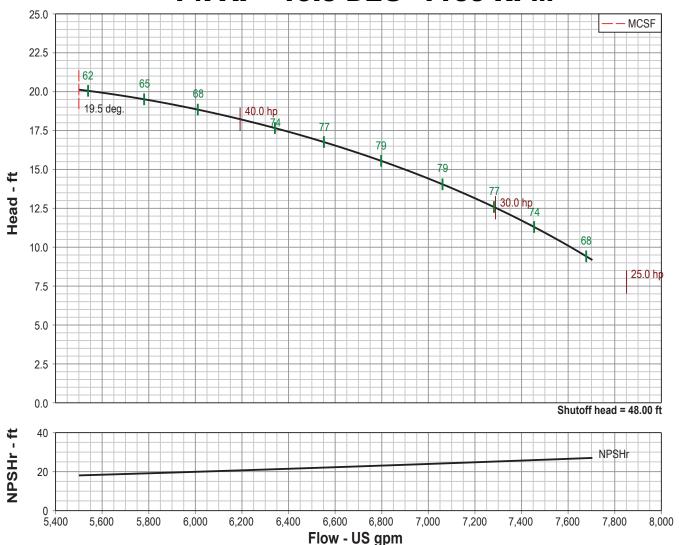
BOWL NUMBER PBWL14 **BOWL MAX. DIAMETER** 18.625 IN. **BOWL MIN. DIAMETER** 18.625 IN. MAX. NO. STAGES 424 LB. ONE STAGE WEIGHT 250 LB. ADD STAGE WEIGHT STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 14 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 23.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 3.375 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

14FAF - 19.5 DEG 1160 RPM



PROPELLER DATA

PROPELLER NUMBER PROP1419
TYPE OPEN
THRUST FACTOR K=66
WR² 3.40
WEIGHT 22.00 LB.

Minimum submergence above eye of bottom impeller: 41 IN.

FLANGED BOWL DATA

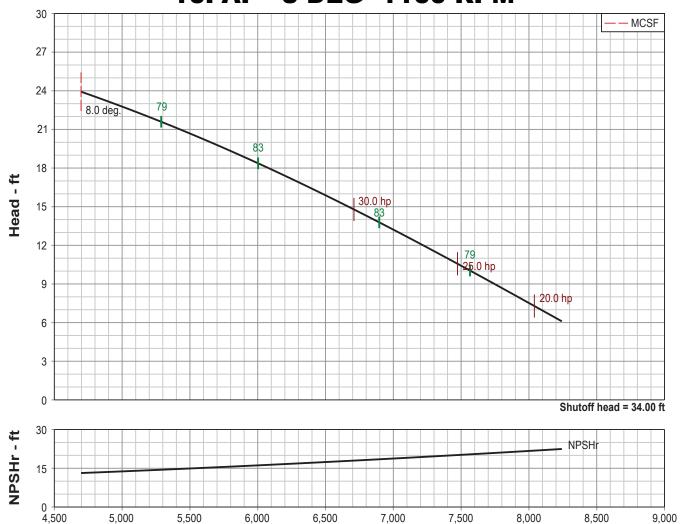
BOWL NUMBER PBWL14 **BOWL MAX. DIAMETER** 18.625 IN. **BOWL MIN. DIAMETER** 18.625 IN. MAX. NO. STAGES 424 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 250 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 14 IN. DISCHARGE CONNECTION FLG 23.500 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 3.375 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





Flow - US gpm

PROPELLER DATA

PROPELLER NUMBER PROP168
TYPE OPEN
THRUST FACTOR K=86
WR² 5.80
WEIGHT 21.50 LB.

Minimum submergence above eye of bottom impeller: 46 IN.

EFFICIENCY CORRECTION

 NUMBER OF BOWLS:
 1
 2
 Image: Control of the control of t

FLANGED BOWL DATA

BOWL NUMBER PBWL16 **BOWL MAX. DIAMETER** 20.750 IN. **BOWL MIN. DIAMETER** 20.750 IN. MAX. NO. STAGES 595 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 355 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 16 IN. DISCHARGE CONNECTION FLG 26.625 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 4.000 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

16FAF - 12 DEG 1160 RPM



Flow - US gpm

PROPELLER DATA

PROPELLER NUMBER	PROP1612
TYPE	OPEN
THRUST FACTOR	K=86
WR ²	5.80
WEIGHT	21.50 LB.

Minimum submergence above eye of bottom impeller: 46 IN.

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	0	0			
CHANGE IN EFFICIENCY MAY	/ AFFECT	BOTH HE	AD AND	HORSEPC	WER.

FLANGED BOWL DATA

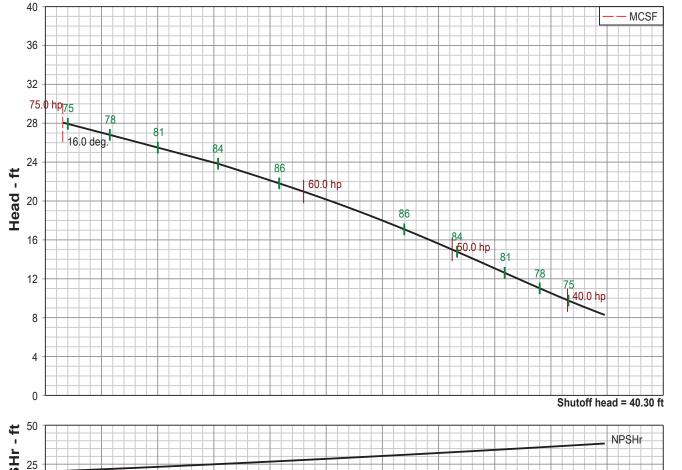
BOWL NUMBER PBWL16 **BOWL MAX. DIAMETER** 20.750 IN. **BOWL MIN. DIAMETER** 20.750 IN. MAX. NO. STAGES 595 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 355 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 16 IN. DISCHARGE CONNECTION FLG 26.625 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 4.000 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





25 NPSHr 25

	PROPELL	.ER D/	ATA		
PROPELLER NUMBER TYPE THRUST FACTOR WR ² WEIGHT	PROP1616 OPEN K=86 5.80 21.50 LB.	Mini		nergence a impeller: 4	
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2			

CHANGE AS FOLLOWS: 0 0 U

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

BOWL NUMBER PBWL16 **BOWL MAX. DIAMETER** 20.750 IN. **BOWL MIN. DIAMETER** 20.750 IN. MAX. NO. STAGES 595 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 355 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 16 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 26.625 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 4.000 IN.

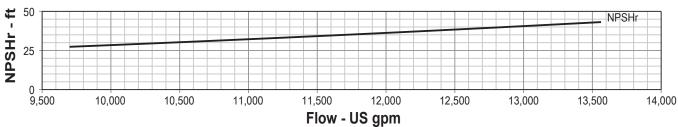


SINGLE STAGE PERFORMANCE

APRIL 2020







PROPELLER DATA PROPELLER NUMBER PROP1620 TYPE OPEN THRUST FACTOR K=86 WR² 5.80 WEIGHT 21.00 LB. Minimum submergence above eye of bottom impeller: 46 IN.

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

BOWL NUMBER PBWL16 **BOWL MAX. DIAMETER** 20.750 IN. **BOWL MIN. DIAMETER** 20.750 IN. MAX. NO. STAGES 595 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 355 LB. STD. SHAFT DIA. 1.688 IN. DISCHARGE SIZE 16 IN. DISCHARGE CONNECTION FLG 26.625 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 4.000 IN.



PERFORMANCE CURVES

AXIAL FLOW

860 RPM

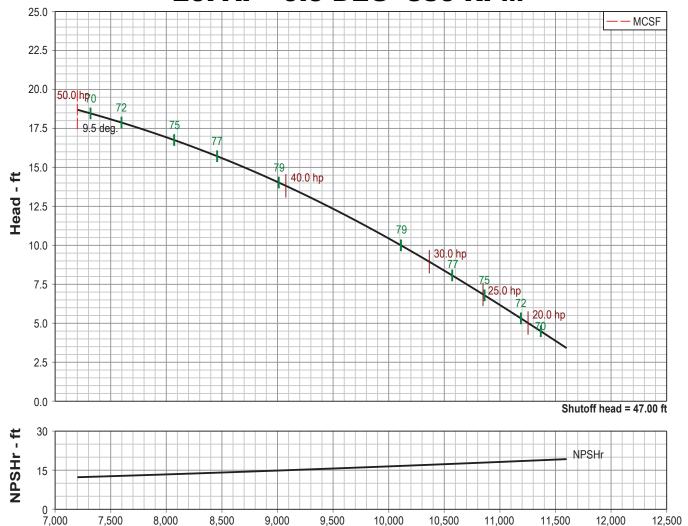




SINGLE STAGE PERFORMANCE

APRIL 2020





PROPELLER DATA

PROPELLER NUMBER	PROP209
TYPE	OPEN
THRUST FACTOR	K=135
WR ²	18.00
WEIGHT	70.00 LB.

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 FEEICIENCY MAY	/ AFFECT	BOTH HE	AD AND	HORSEPO)WFR

FLANGED BOWL DATA

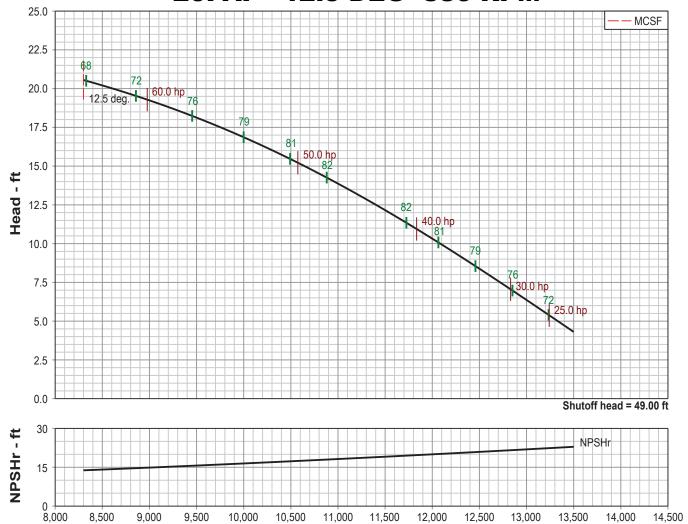
BOWL NUMBER PBWL20 **BOWL MAX. DIAMETER** 25.375 IN. BOWL MIN. DIAMETER 25.375 IN. MAX. NO. STAGES 1610 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 610 LB. STD. SHAFT DIA. 1.938 IN. DISCHARGE SIZE 20 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 33.500 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 4.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





Flow - US gpm

PROPELLER DATA PROPELLER NUMBER PROP2012 **TYPE** OPEN Minimum submergence above THRUST FACTOR K=135 eye of bottom impeller: 59 IN. WR² 18.00 WEIGHT 70.00 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

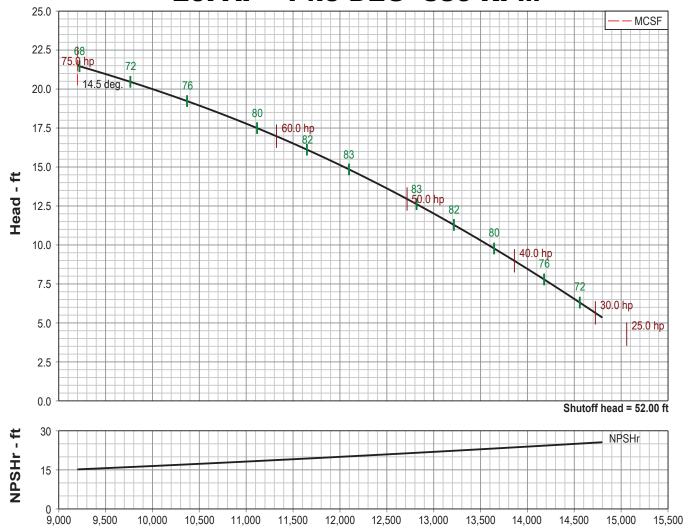
BOWL NUMBER	PBWL20
BOWL MAX. DIAMETER	25.375 IN.
BOWL MIN. DIAMETER	25.375 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1610 LB.
ADD STAGE WEIGHT	610 LB.
STD. SHAFT DIA.	1.938 IN.
DISCHARGE SIZE	20 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	33.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	4.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





PROPELLER DATA

PROPELLER NUMBER PROP2014
TYPE OPEN
THRUST FACTOR K=135
WR² 18.00
WEIGHT 70.00 LB.

Minimum submergence above eye of bottom impeller: 59 IN.

Flow - US gpm

EFFICIENCY CORRECTION

FLANGED BOWL DATA

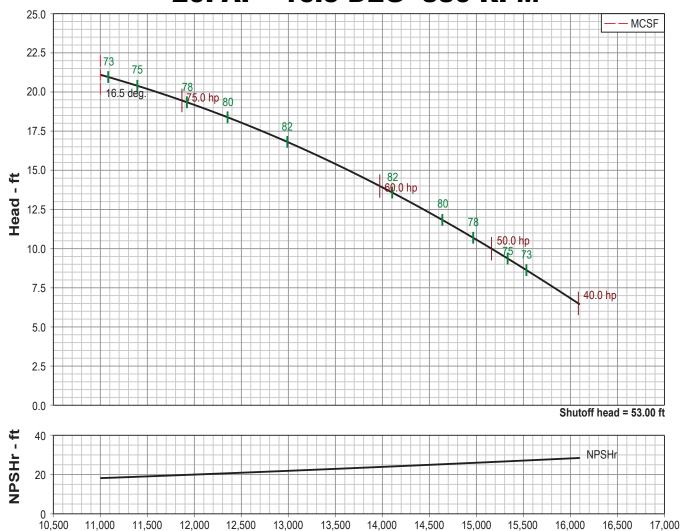
BOWL NUMBER PBWL20 **BOWL MAX. DIAMETER** 25.375 IN. **BOWL MIN. DIAMETER** 25.375 IN. MAX. NO. STAGES 1610 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 610 LB. STD. SHAFT DIA. 1.938 IN. DISCHARGE SIZE 20 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 33.500 IN. SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 4.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





Flow - US gpm

PROPELLER DATA PROPELLER NUMBER PROP2016 **TYPE** OPEN Minimum submergence above THRUST FACTOR K=135 eye of bottom impeller: 59 IN. WR² 18.00 WEIGHT 70.00 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

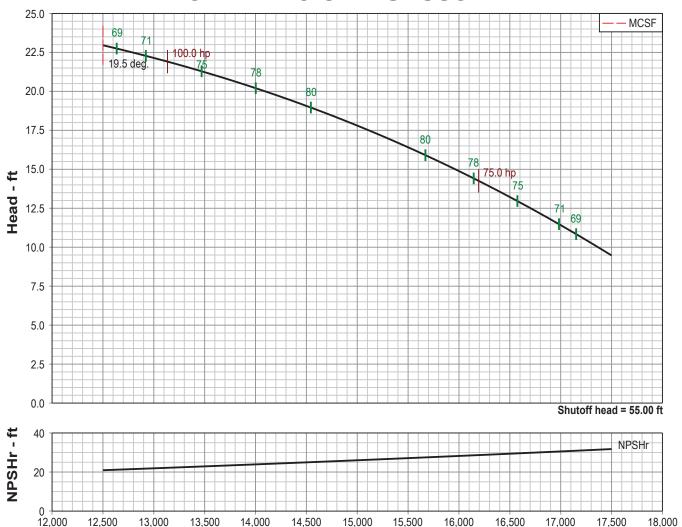
BOWL NUMBER	PBWL20
BOWL MAX. DIAMETER	25.375 IN.
BOWL MIN. DIAMETER	25.375 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	1610 LB.
ADD STAGE WEIGHT	610 LB.
STD. SHAFT DIA.	1.938 IN.
DISCHARGE SIZE	20 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	33.500 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	4.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

20FAF - 19.5 DEG 880 RPM



PROPELLER DATA PROPELLER NUMBER PROP2019

TYPE OPEN
THRUST FACTOR K=135
WR² 18.00
WEIGHT 70.00 LB.

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 AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

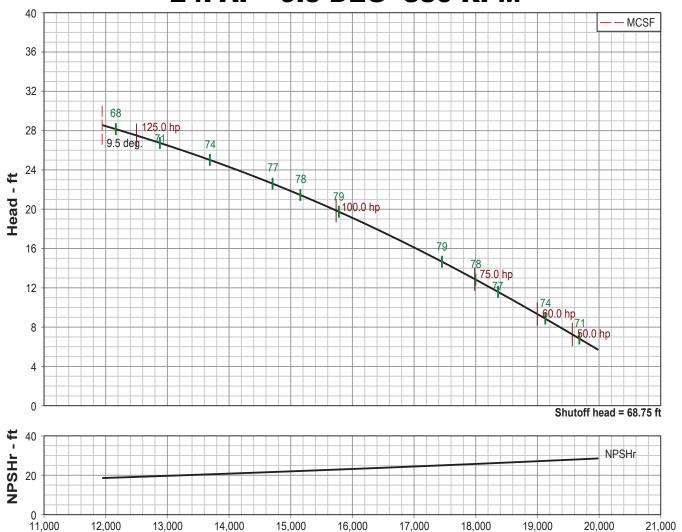
BOWL NUMBER PBWL20 **BOWL MAX. DIAMETER** 25.375 IN. **BOWL MIN. DIAMETER** 25.375 IN. MAX. NO. STAGES 1610 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 610 LB. STD. SHAFT DIA. 1.938 IN. 20 IN. DISCHARGE SIZE DISCHARGE CONNECTION FLG SUCTION SIZE 33.500 IN. SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 4.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

24FAF - 9.5 DEG 880 RPM



PROPELLER DATA

PROPELLER NUMBER	PROP249
TYPE	OPEN
THRUST FACTOR	K=194
WR ²	41.00
WEIGHT	82.500 LB.

Minimum submergence above eye of bottom impeller: 64 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

BOWL NUMBER PBWL24 **BOWL MAX. DIAMETER** 30.000 IN. **BOWL MIN. DIAMETER** 30.000 IN. MAX. NO. STAGES ONE STAGE WEIGHT 2600 LB. ADD STAGE WEIGHT 975 LB. STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 42.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 5.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





40 NPSHr - ft NPSHr 20 14,000 15,000 16,000 17,000 18,000 19,000 20,000 21,000 22,000 25,000 23,000 24,000 Flow - US gpm

PROPELLER DATA

PROPELLER NUMBER TYPE THRUST FACTOR WR ² WEIGHT	PROP2412 OPEN K=194 41.00 82.00 LB.	Minimum eye of bo
--	---	----------------------

Minimum submergence above eye of bottom impeller: 64 IN.

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 PBWL24 **BOWL MAX. DIAMETER** 30.000 IN. **BOWL MIN. DIAMETER** 30.000 IN. MAX. NO. STAGES 2600 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 975 LB. STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 42.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 5.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

24FAF - 14.5 DEG 880 RPM



PROPELLER DATA PROPELLER NUMBER PROP2414

 TYPE
 OPEN

 THRUST FACTOR
 K=194

 WR²
 41.00

 WEIGHT
 82.00 LB.

Minimum submergence above eye of bottom impeller: 64 IN.

Flow - US gpm

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 PBWL24 **BOWL MAX. DIAMETER** 30.000 IN. **BOWL MIN. DIAMETER** 30.000 IN. MAX. NO. STAGES 2600 LB. ONE STAGE WEIGHT 975 LB. ADD STAGE WEIGHT STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG SUCTION SIZE 42.000 IN. SUCTION CONNECTION FLG MAX. SPHERE SIZE 5.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





NPSHr - ft NPSHr 25 18,000 19,000 20,000 21,000 22,000 23,000 24,000 25,000 29,000 26,000 27,000 28,000 Flow - US gpm

PROPELLER DATA

PROPELLER NUMBER PROP2416
TYPE OPEN
THRUST FACTOR K=194
WR² 41.00
WEIGHT 82.00 LB.

Minimum submergence above eye of bottom impeller: 64 IN.

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

FLANGED BOWL DATA

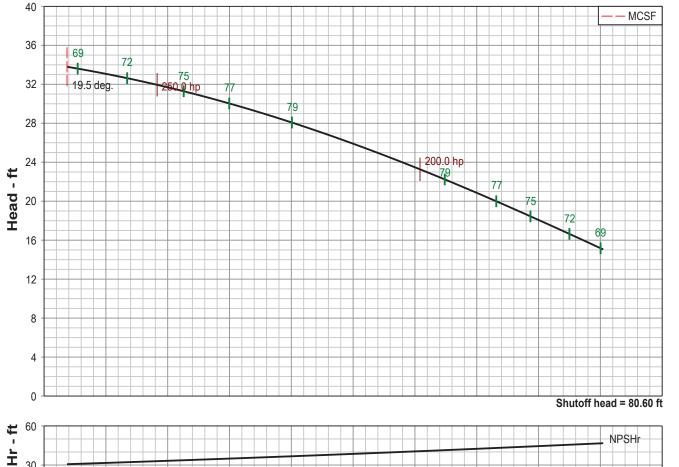
BOWL NUMBER PBWL24 **BOWL MAX. DIAMETER** 30.000 IN. **BOWL MIN. DIAMETER** 30.000 IN. MAX. NO. STAGES 2600 LB. ONE STAGE WEIGHT 975 LB. ADD STAGE WEIGHT STD. SHAFT DIA. 2.438 IN. 24 IN. DISCHARGE SIZE DISCHARGE CONNECTION FLG SUCTION SIZE 42.000 IN. SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 5.875 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





21,000 22,000 23,000 24,000 25,000 26,000 27,000 28,000 29,000 30,000 31,000 Flow - US gpm

PROPELLER DATA

PROPELLER NUMBER	PROP2419
TYPE	OPEN
THRUST FACTOR	K=194
WR ²	41.00
WEIGHT	82.00 LB.

Minimum submergence above eye of bottom impeller: 64 IN.

EFFICIENCY CORRECTION							
NUMBER OF BOWLS:	1	2					
CHANGE AS FOLLOWS:	0	0					
CHANGE IN EFFICIENCY MAY	/ AFFECT	BOTH HE	AD AND	HORSEPO)WFR		

FLANGED BOWL DATA

BOWL NUMBER PBWL24 **BOWL MAX. DIAMETER** 30.000 IN. BOWL MIN. DIAMETER 30.000 IN. MAX. NO. STAGES 2600 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 975 LB. STD. SHAFT DIA. 2.438 IN. DISCHARGE SIZE 24 IN. DISCHARGE CONNECTION FLG 42.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 5.875 IN.



PERFORMANCE CURVES

AXIAL FLOW

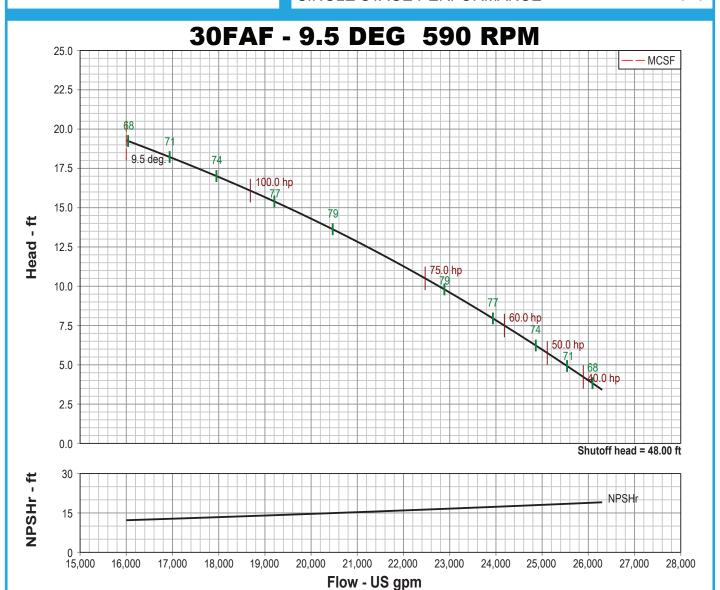
590 RPM





SINGLE STAGE PERFORMANCE

APRIL 2020



PROPELLER DATA					
TYPE THRUST FACTOR WR ²	PROP309 OPEN K=300 176.00 280 LB.	Minimum submergence above eye of bottom impeller: 74 IN			
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	0	0			

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

			DATA
	-I) H	CIVVI	11414

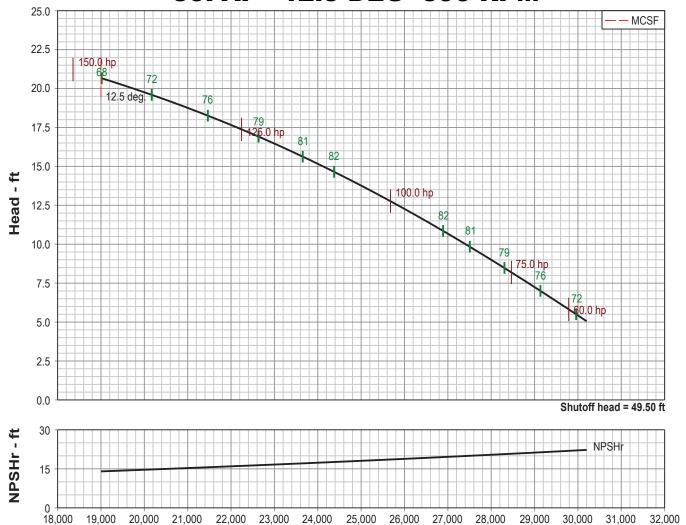
BOWL NUMBER	PBWL30
BOWL MAX. DIAMETER	36.000 IN.
BOWL MIN. DIAMETER	36.000 IN.
MAX. NO. STAGES	2
ONE STAGE WEIGHT	4420 LB.
ADD STAGE WEIGHT	1510 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	30 IN.
DISCHARGE CONNECTION	FLG
SUCTION SIZE	50.000 IN.
SUCTION CONNECTION	FLG
MAX. SPHERE SIZE	7.250 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





Flow - US gpm

PROPELLER NUMBER TYPE THRUST FACTOR WR ² WEIGHT	PROP3012 OPEN K=300 176.00 280 LB.	Mini		nergence a impeller:	
EFFIC	CORR	ECTION	١		
NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	0	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSE					

PROPELLER DATA

FLANGED BOWL DATA

BOWL NUMBER PBWL30 **BOWL MAX. DIAMETER** 36.000 IN. **BOWL MIN. DIAMETER** 36.000 IN. MAX. NO. STAGES 4420 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 1510 LB. STD. SHAFT DIA. 2.688 IN. DISCHARGE SIZE 30 IN. DISCHARGE CONNECTION FLG 50.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 7.250 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





15 20,000 21,000 22,000 24,000 25,000 26,000 27,000 28,000 29,000 30,000 31,000 32,000 33,000 34,000 35,000

Flow - US gpm

	PI	ROPELL	ER DA	TA			
	TYPE THRUST FACTOR WR ²	PROP3014 OPEN K=300 176.00 280 LB.	Minir	Minimum submergence above eye of bottom impeller: 74 IN.			
EFFICIENCY C				ECTIO	V		
	NUMBER OF BOWLS:	1	2				
	CHANGE AS FOLLOWS:	0	0				

FLANGED BOWL DATA

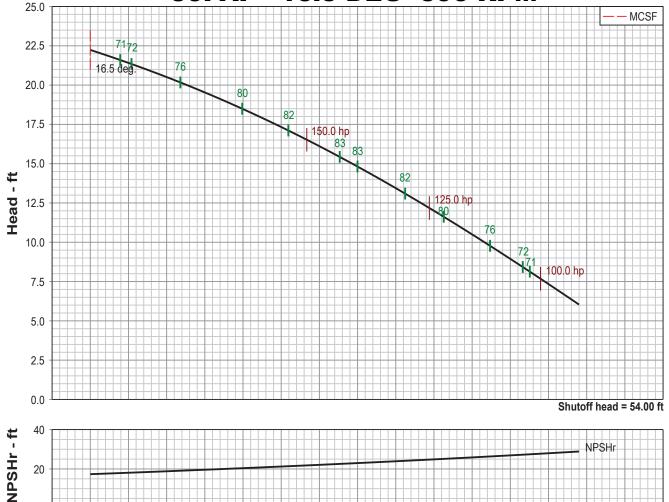
BOWL NUMBER PBWL30 **BOWL MAX. DIAMETER** 36.000 IN. **BOWL MIN. DIAMETER** 36.000 IN. MAX. NO. STAGES 4420 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 1510 LB. STD. SHAFT DIA. 2.688 IN. DISCHARGE SIZE 30 IN. DISCHARGE CONNECTION FLG 50.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 7.250 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





40 NPSHr 20 23,000 24,000 25,000 26,000 27,000 28,000 29,000 30,000 31,000 32,000 33,000 34,000 35,000 36,000 37,000 38,000 39,000

Flow - US gpm

PROPELLER DATA

PROPELLER NUMBER	PROP3016	
TYPE	OPEN	Minimum aubmarganas abays
THRUST FACTOR	K=300	Minimum submergence above
WR ²	176.00	eye of bottom impeller: 74 IN.
WEIGHT	280 LB.	

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

BOWL NUMBER BOWL MAX. DIAMETER	PBWL30 36.000 IN
BOWL MIN. DIAMETER	36.000 IN
MAX. NO. STAGES ONE STAGE WEIGHT	2 4420 LB.
ADD STAGE WEIGHT	1510 LB.
STD. SHAFT DIA.	2.688 IN.
DISCHARGE SIZE	30 IN.
DISCHARGE CONNECTION	. = 0
SUCTION SIZE	50.000 IN
SUCTION CONNECTION MAX. SPHERE SIZE	FLG 7 250 IN
W V C OI TILITAL OILL	co



SINGLE STAGE PERFORMANCE

APRIL 2020





34,000 35,000 27,000 28,000 29,000 30,000 31,000 32,000 33,000 36,000 37,000 38,000 39,000 40,000 41,000 Flow - US gpm

PROPELLER DATA PROPELLER NUMBER PROP3019 **TYPE OPEN** Minimum submergence above THRUST FACTOR K=300 eye of bottom impeller: 74 IN. WR² 176.00 WEIGHT 280 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2 CHANGE AS FOLLOWS:

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

FLANGED BOWL DATA

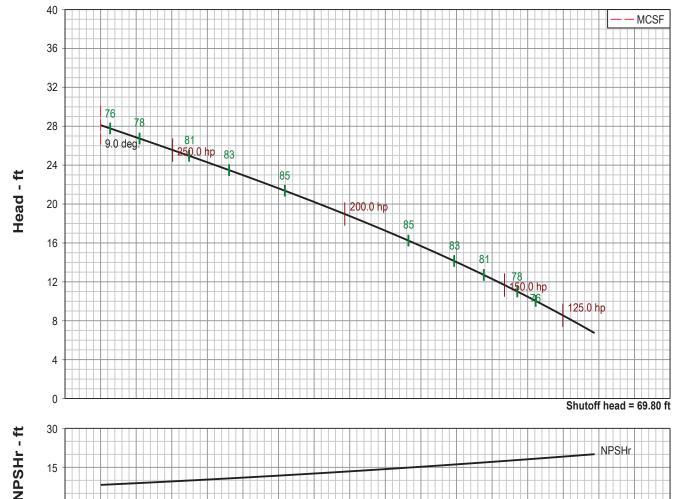
BOWL NUMBER PBWL30 36.000 IN. **BOWL MAX. DIAMETER** 36.000 IN. **BOWL MIN. DIAMETER** MAX. NO. STAGES 4420 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 1510 LB. STD. SHAFT DIA. 2.688 IN. 30 IN. DISCHARGE SIZE DISCHARGE CONNECTION FLG 50.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 7.250 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





28,000 29,000 30,000 31,000 32,000 33,000 34,000 35,000 36,000 37,000 38,000 39,000 40,000 41,000 42,000 43,000 44,000 45,000 Flow - US gpm

PROPELLER DATA

PROPELLER NUMBER PROP369
TYPE OPEN
THRUST FACTOR K=437
WR² 280.00
WEIGHT 390 LB.

Minimum submergence above eye of bottom impeller: 105 IN.

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

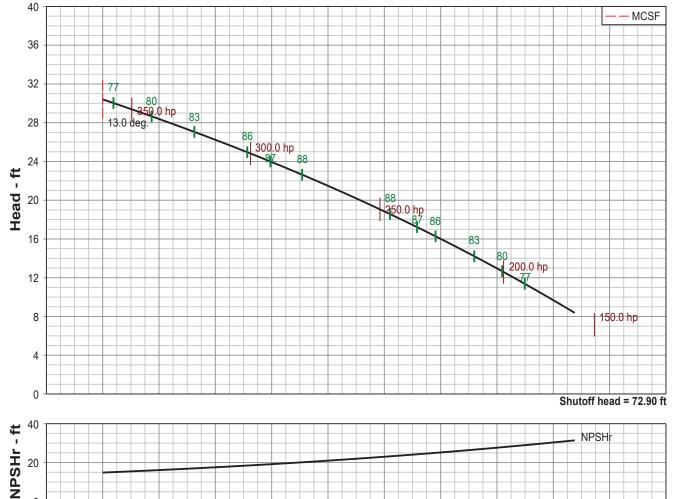
BOWL NUMBER PBWL36 **BOWL MAX. DIAMETER** 42.625 IN. **BOWL MIN. DIAMETER** 42.625 IN. MAX. NO. STAGES 6200 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 2670 LB. STD. SHAFT DIA. 2.938 IN. DISCHARGE SIZE 36 IN. DISCHARGE CONNECTION FLG 60.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 8.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020





20 36,000 38,000 40,000 42,000 44,000 46,000 48,000 52,000 56,000 34,000 50,000 54,000 Flow - US gpm

PROPELLER DATA PROPELLER NUMBER PROP3613 **TYPE OPEN** Minimum submergence above THRUST FACTOR K=437 eye of bottom impeller: 105 IN. WR² 280.00 WEIGHT 390 LB. **EFFICIENCY CORRECTION** NUMBER OF BOWLS: 2

CHANGE AS FOLLOWS:	0	0			
CHANGE IN EFFICIENCY MAY	Y AFFECT	BOTH HE	EAD AND	HORSEPO	WER.

FLANGED BOWL DATA

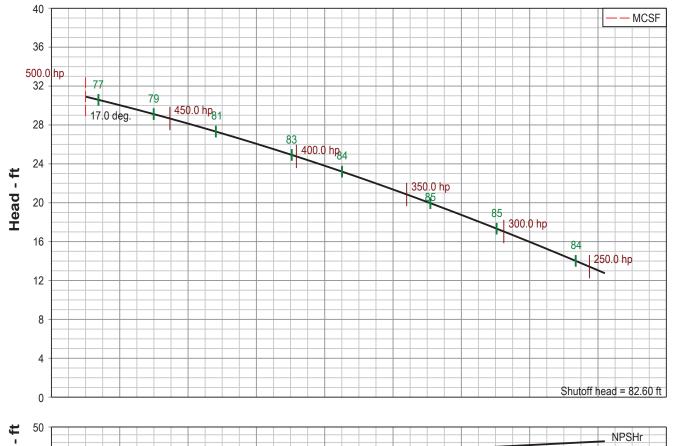
BOWL NUMBER PBWL36 **BOWL MAX. DIAMETER** 42.625 IN. **BOWL MIN. DIAMETER** 42.625 IN. MAX. NO. STAGES 6200 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 2670 LB. STD. SHAFT DIA. 2.938 IN. DISCHARGE SIZE 36 IN. DISCHARGE CONNECTION FLG 60.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 8.750 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

36FAF - 17 DEG 590 RPM



50 25 46,000 48,000 50,000 52,000 54,000 56,000 58,000 60,000 62,000 64,000 Flow - US gpm

PROPELLER DATA PROPELLER NUMBER PROP3617

TYPE OPEN
THRUST FACTOR K=437
WR² 280.00
WEIGHT 390 LB.

Minimum submergence above eye of bottom impeller: 105 IN.

FLANGED BOWL DATA

BOWL NUMBER PBWL36 **BOWL MAX. DIAMETER** 42.625 IN. **BOWL MIN. DIAMETER** 42.625 IN. MAX. NO. STAGES 6200 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 2670 LB. STD. SHAFT DIA. 2.938 IN. DISCHARGE SIZE 36 IN. DISCHARGE CONNECTION FLG 60.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 8.750 IN.



PERFORMANCE CURVES

AXIAL FLOW

500 RPM



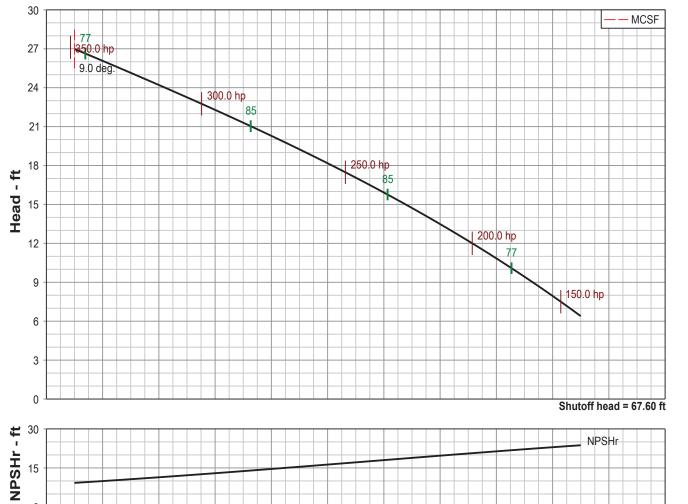


SINGLE STAGE PERFORMANCE

APRIL 2020

60,000

42FAF - 9.5 DEG 500 RPM



PROPELLER DATA

44,000

46,000

42,000

PROPELLER NUMBER PROP429
TYPE OPEN
THRUST FACTOR K=594
WR² 680.00
WEIGHT 550 LB.

40,000

38,000

Minimum submergence above eye of bottom impeller: 126 IN.

48,000

50,000

Flow - US gpm

52,000

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

FLANGED BOWL DATA

56,000

58,000

54,000

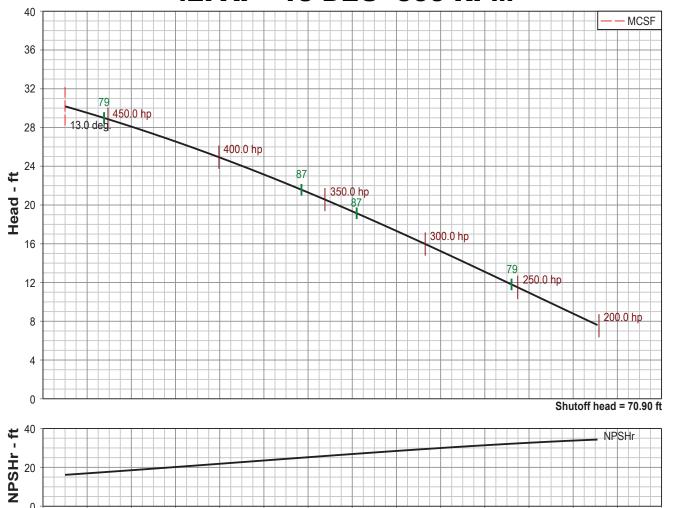
BOWL NUMBER PBWL42 **BOWL MAX. DIAMETER** 49.250 IN. **BOWL MIN. DIAMETER** 49.250 IN. MAX. NO. STAGES 9000 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 3760 LB. STD. SHAFT DIA. 2.938 IN. DISCHARGE SIZE 42 IN. DISCHARGE CONNECTION FLG 72.000 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 9.000 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

42FAF - 13 DEG 500 RPM



Flow - US gpm

60,000 62,000

64,000

66,000

PROPELLER DATA

54,000

56,000

PROP4213
OPEN
K=594
680.00
550 LB.

50,000

52,000

46,000

48.000

Minimum submergence above eye of bottom impeller: 126 IN.

58,000

EFFICIENCY CORRECTION

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

FLANGED BOWL DATA

68,000

70,000

72,000

74,000

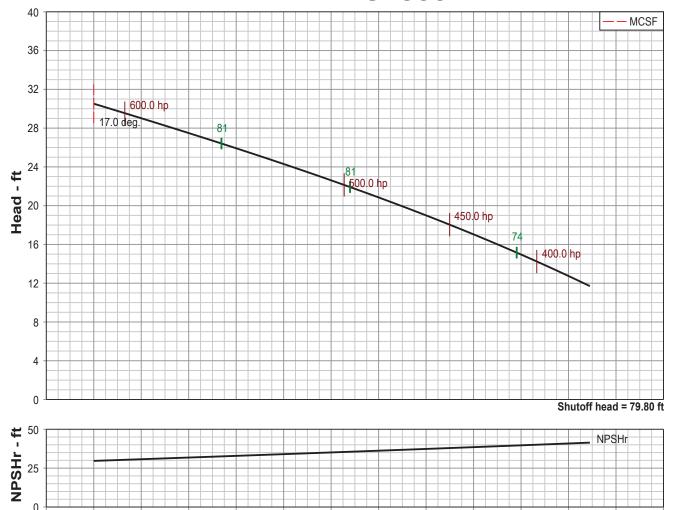
BOWL NUMBER PBWL42 **BOWL MAX. DIAMETER** 49.250 IN. **BOWL MIN. DIAMETER** 49.250 IN. MAX. NO. STAGES 9000 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 3760 LB. STD. SHAFT DIA. 2.938 IN. DISCHARGE SIZE 42 IN. DISCHARGE CONNECTION FLG 72.000 IN. SUCTION SIZE SUCTION CONNECTION **FLG** MAX. SPHERE SIZE 9.000 IN.



SINGLE STAGE PERFORMANCE

APRIL 2020

42FAF - 17 DEG 500 RPM



60,000 62,000 64,000 66,000 68,000 70,000 72,000 74,000 Flow - US gpm

PROPELLER DATA

DDOD4217

FRUF4217
OPEN
K=594
680.00
550 LB.

DDODELLED NILIMBED

Minimum submergence above eye of bottom impeller: 126 IN.

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

FLANGED BOWL DATA

82,000

84,000

86,000

BOWL NUMBER PBWL42 **BOWL MAX. DIAMETER** 49.250 IN. **BOWL MIN. DIAMETER** 49.250 IN. MAX. NO. STAGES 9000 LB. ONE STAGE WEIGHT ADD STAGE WEIGHT 3760 LB. STD. SHAFT DIA. 2.938 IN. DISCHARGE SIZE 42 IN. DISCHARGE CONNECTION FLG 72.000 IN. SUCTION SIZE SUCTION CONNECTION FLG MAX. SPHERE SIZE 9.000 IN.

80,000

76,000

78,000