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DEPT. OF WATER RESOURCES
SOUTHERN REGION

DEPARTMENT OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE****FOR OFFICE USE ONLY**Amt. of Fee \$: _____
Receipt No. _____
Receipt By: _____
Date Received: _____

The Idaho Department of Water Resources considers this form a statement by the permit holder(s) that development of a water right has been **completed** and that water has been applied to beneficial use to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner.** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, please contact any Department office or visit the Department's website at: www.idwr.idaho.gov for an *Assignment of Permit* form. If you wish to relinquish your permit because you have not established the authorized use of the water and are **not** applying for an extension, please notify the Department in writing.

1. Permit No.: 45-13990 Telephone No.: (208) 654-27332. Name of Permit Holder(s): Reed Gibby3. Mailing Address: 872 East Pebble Drive City: BurleyState: ID Zip: 83318 Email: _____4. Source of Water: Ground Water If **GROUND WATER** (well), Date Drilled: mo. 06 / yr. 2006Well Driller: Eaton Drilling and Pump Service, Inc. Drilling Permit Number: 840003

5. Extent of use(s) completed (as authorized by the water right permit):

Domestic (No. of households): 4 Stockwater (No. and type of stock): _____Irrigation (No. of acres): _____ Other: Shall not exceed 13,000 gal/day/home6. Total rate of diversion or storage volume for which proof is submitted: 0.1 cfs OR _____ acre-feet.7. Compliance with a measuring device requirement, lockable controlling device requirement, and/or other conditions of permit: **Refer to the approval conditions on your permit and respond accordingly. The Department will not issue a license if permit conditions are not met.****Measuring Device:** Is a measuring device required?Yes ☐ No ☒

If yes, has the measuring device been installed?

Yes ☐ No ☒**Lockable Controlling Device:** Is a lockable device required to control the diversion?Yes ☐ No ☒

If yes, has the lockable device been installed?

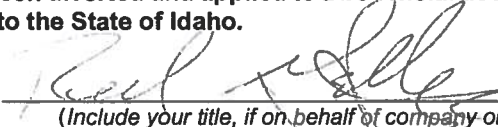
Yes ☐ No ☒**Other Conditions of Permit:** Do the approval conditions on your permit require you to submit additional information in connection with your proof of beneficial use? If yes, list the conditions below and attach documents with the required information.No irrigation of common areas Completed? Yes ☒ No ☐8. Fee Enclosed: \$ NA See fee schedule on back of the instructions for filing proof of beneficial use.

Proofs filed without an appropriate fee, will be considered incomplete.

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Erick Powell Telephone Number: (208) 736-8543Mailing Address: 2016 Washington Street North #4 City: Twin FallsState: ID Zip: 83301 Email: erick.powell@brockwayeng.com

The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to a beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

Signature of permit holder: 
(Include your title, if on behalf of company or organization)Date: 7/29/11

Mail to: Idaho Department of Water Resources, PO Box 83720, Boise, ID 83720-0098

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Form 219 07/11

AUG 02 2011

DEPARTMENT OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

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DEPT. OF WATER RESOURCES
SOUTHERN REGION

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 45-13990

1. Owner Reed Gibby Phone No. (208) 654-2733
 Current address 872 East Pebble Drive; Burley, Idaho 83318
2. Examiner's name G. Erick Powell EXAM DATE 6/29/2011
3. Accompanied by Lee Gibby and Monte Quast Email _____
 Address 872 East Pebble Drive; Burley, Idaho 83318
 Relationship to permit holder Nephew and Manager Phone No. (208) 654-2733
4. Source Ground Water tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use None
2. Other water rights with the same source and point of diversion None

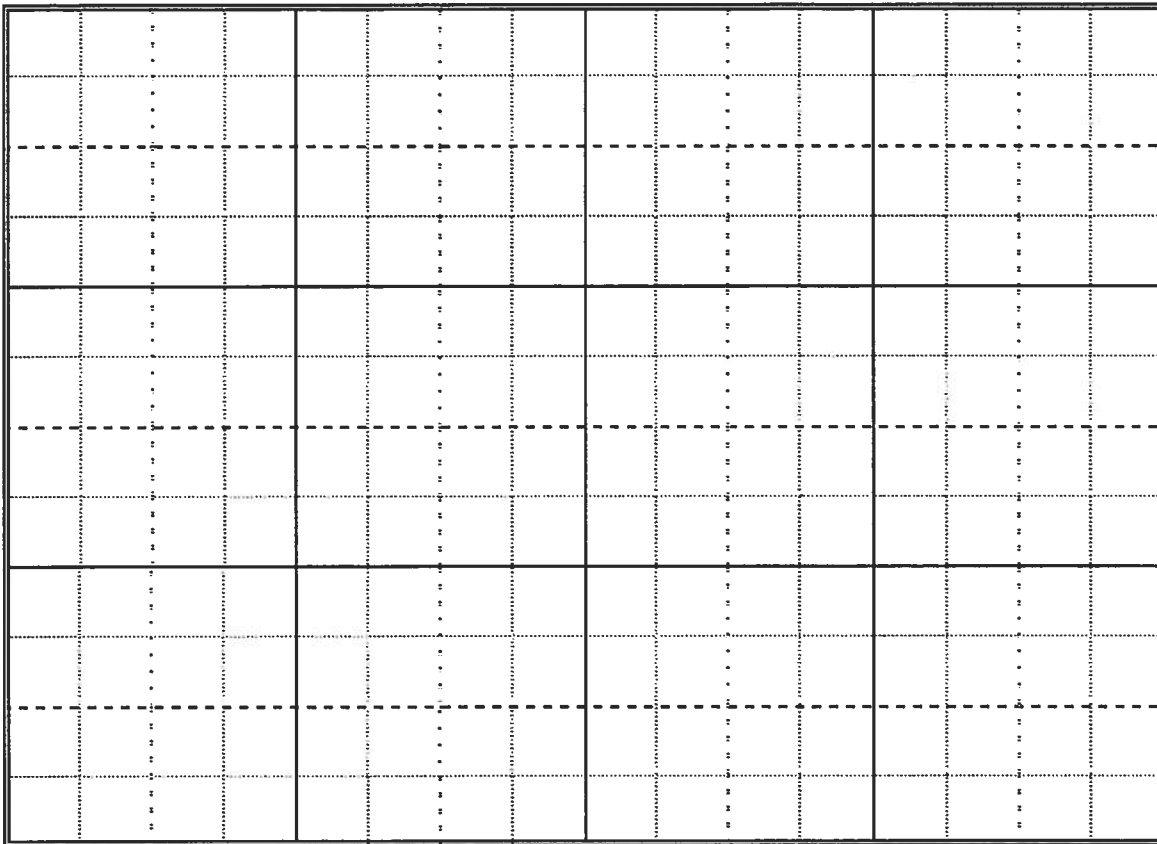
C. DIVERSION AND DELIVERY SYSTEM**1. Point(s) of Diversion:**

Ident. No.	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County	Method of Determination/Remarks
		NW	NW	SW	23	11S	24E	Cassia	Aerial Photography and GPS

2. Place(s) of Use: Method of determination Aerial Photography and GPS

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	24E	23										D	D						

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.



Scale: 1" = _____

- ☐ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (required)
☒ Aerial photo attached (required for irrigation of 10+ acres)
☒ Photo of diversion and system attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Domestic Well	Franklin Electric	7.5	2343185202	Franklin Electric	25FA5S4

*Code to correspond with no. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Calibrated Volume Measurement	NA	NA	NA	NA	6 gal	6/29/2011
Stop Watch	NA	NA	NA	NA	NA	NA

2. **Measurements:** _____

A calibrated bucket and stop watch was used to measure the discharge.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

Bucket is calibrated to 6 gallons. The average time to fill the 6 gallon bucket was 9.05 seconds. The discharge from the well is 39.8 gpm or 0.09 cfs.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\text{NA}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\text{NA}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\text{NA}}$$

2. Volume Calculations for Other Uses:

NA

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion	Annual Volume
	From	To	Q (cfs)	V (afa)
Domestic	1/1	12/31	0.09 cfs	
Totals:			0.09 cfs	

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

Field Examiner's Signature

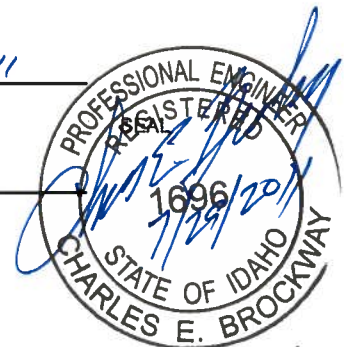
Charles E. Brockway
Charles E. Brockway P.E.

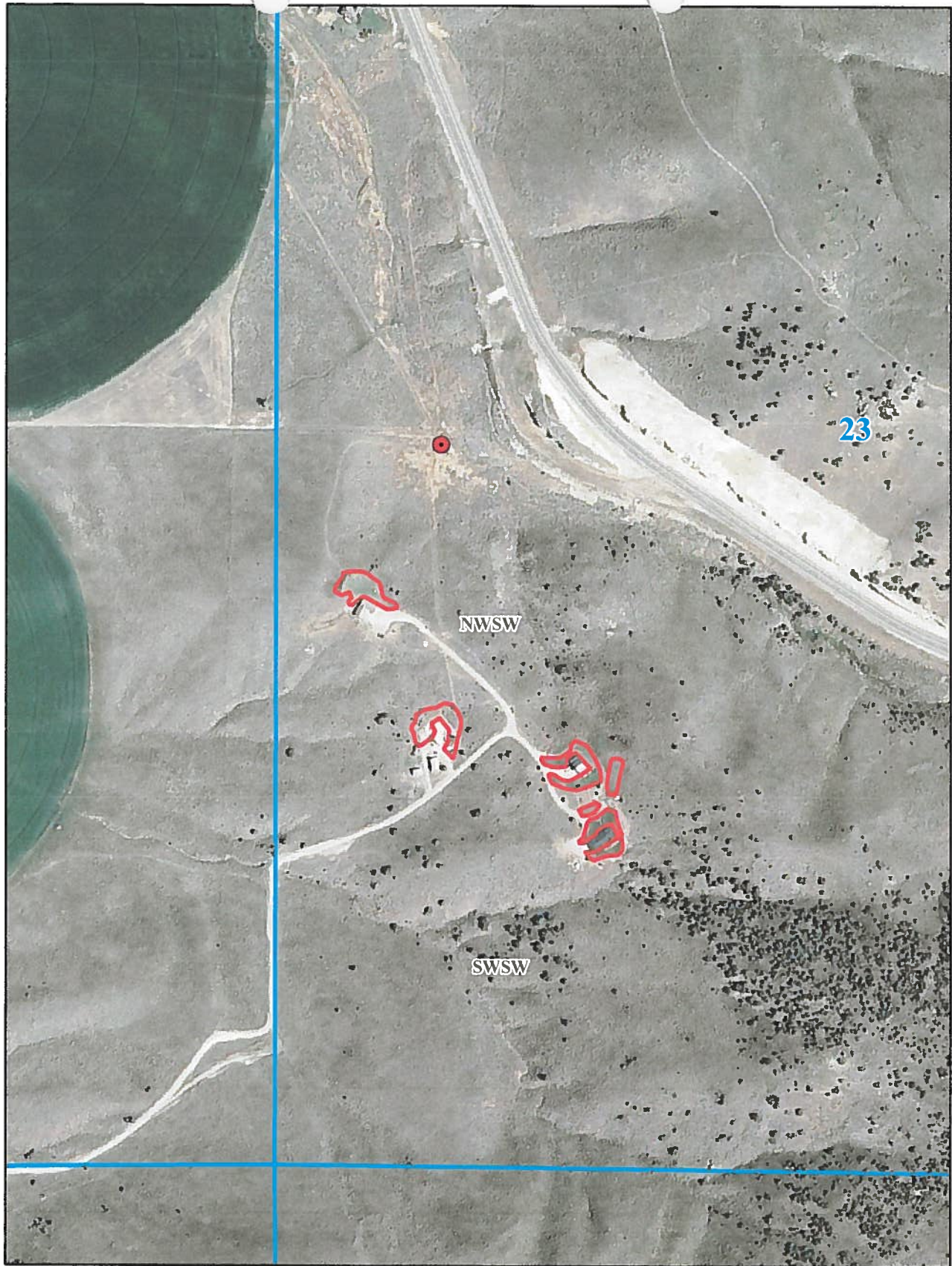
Date

7/29/2011

Reviewer

Date





0 185 370 740 Feet

**REED GIBBY, T. 11S., R. 24 E. CASSIA COUNTY
BENEFICIAL USE 45-13990 MAP
NAIP 2009 AERIAL**

BROCKWAY ENGINEERING, PLLC.
ALR - JULY 26, 2011

Legend

-  Domestic Well
-  Domestic Irrigation
-  Sections
- QQ



Form 238-7
11/97 JGEHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Inspected by _____			
Twp _____	Rge _____	Sec _____	
_____ 1/4	_____ 1/4	_____ 1/4	
Lat: _____	: _____	Long: _____	: _____

1. WELL TAG NO. **D0037139**DRILLING PERMIT NO. **840003**Other IDWR No. **410312**

2. OWNER:

Name **Reed Gibby**Address **576 S 660 E**City **Burley**State **ID** Zip **83318**

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. 11		North ☐ or South ☒	
W	E	Rge. 24	East ☒ or West ☐		
		Sec. 23	1/4 NW 1/4 SW 1/4		
		Gov't Lot _____	County Cassia		
		Lat: 42:27:096	Long: 113:37:524		
		Address of Well Site approx. 850 E 576 S			
		City Burley			
(Give at least name of road + Distance to Road or Landmark)					
Lt. _____	Bik. _____	Sub. Name _____			

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK: check all that apply

☐ New Well ☐ Modify ☐ Abandonment ☒ Other **replacement** (Replacement etc.)

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES:

Seal/Filter Pack			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
bentonite	0	25	700 lbs		dry pour

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	1	339	.250	steel	☒	☐	☒	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS:

☒ Perforations Method **touch**
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
214	239	4"	120	1/8	steel	☒	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

276 ft. below ground Artesian pressure _____ lb.Depth flow encountered _____ ft. Describe access port or control devices: **well cap**

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
20			

Water Temp. **<85**Bottom hole temp. **<85**

Water Quality test or comments: _____

Depth first Water Encounter **319**

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
8	0	19	brown decompressed & gravel			
8	19	58	brown decompressed & gravel			
8	58	78	brown clay & gravel			
8	78	126	black oil shell			
8	126	227	granite			
8	227	238	soft broken			
8	238	319	granite			
8	319	326	soft broken loose			X
8	326	338	medium hard & gravel			X
8	338	365	gravel			X

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SOUTHERN REGIONCompleted Depth **365**

(Measurable)

Date: Started **5/25/2006**Completed **5/30/2006**

13. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name **Eaton Drilling & pump Service, Inc.**Firm No. **26**

Firm Official _____

Date **6/20/2006**

and

Driller or Operator _____

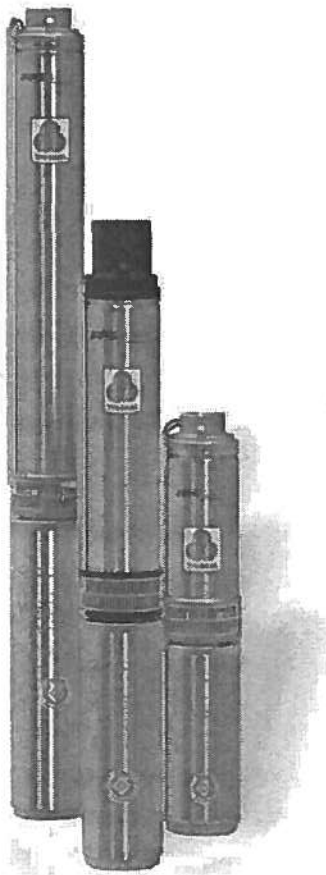
Date **6/20/2006**

(Sign once if Firm Official & Operator)

Submersible Pumps

4" Tri-Seal Pumps

Features



CSA CERTIFIED
PUMP END ONLY



Drinking Water
NSF/ANSI 61

FPS 4400

4" 4400 Tri-Seal

The Standard FPS 4400 4" submersible pump features the new Tri-Seal floating stage system. This new stage system further improves efficiency and protects against wear when pumping abrasives (sand). All FPS 4400 pumps are unconditionally guaranteed against sand locking in abrasive well conditions for one full year. For details on how to become a registered dealer and receive a 5-year warranty, contact your local distributor.

Features:

- 300 series stainless steel hub floats with the impeller maintaining a positive seal.
- Phenolic washer provides downthrust protection.
- Celcon® impeller provides high efficiency performance and abrasion resistance.
- Noryl® diffuser and disc - proven abrasion resistant material.
- Floating stage design allows impeller to float independently.
- Removable, spring-loaded check valve.
- Maximum water temperature: 120 °F / 49 °C.
- Ceramic shaft sleeve and rubber discharge bearing protect shaft and eliminate sand wear.
- Powered by Franklin Electric corrosion resistant super stainless 4" submersible motors with lightning protection.

Celcon® is a Registered Trademark of the Celanese Corporation.
Noryl® is a Registered Trademark of G.E.

Patented impeller hub seal system seals radially and axially to prevent fluid recirculation, providing high performance in the harshest conditions.

Tri-Seal™ Floating Stage System

U.S. Patent No. 7,290,984

Submersible Pumps

4" Tri-Seal Pumps

Ordering Information (See pgs. 2-3 for model number explanation)

Stainless Steel Ordering Information

GPM	HP	Stg	Volts	2-Wire		3-Wire	
				Model No.	Order No.	Model No.	Order No.
5	1/2	8	115	5FA05S4-2W115	93810505	5FA05S4-3W115	93810530
	1/2	8	230	5FA05S4-2W230	93810510	5FA05S4-3W230	93810535
	3/4	12	230	5FA07S4-2W230	93810515	5FA07S4-3W230	93810540
	1	15	230	5FA1S4-2W230	93810520	5FA1S4-3W230	93810545
	1.5	21	230	5FA15S4-2W230	93810525	5FA15S4-3W230	93810550
7	1/2	7	115	7FA05S4-2W115	93810705	7FA05S4-3W115	93810730
	1/2	7	230	7FA05S4-2W230	93810710	7FA05S4-3W230	93810735
	3/4	10	230	7FA07S4-2W230	93810715	7FA07S4-3W230	93810740
	1	13	230	7FA1S4-2W230	93810720	7FA1S4-3W230	93810745
	1.5	18	230	7FA15S4-2W230	93810725	7FA15S4-3W230	93810750
10	1/2	6	115	10FA05S4-2W115	93811005	10FA05S4-3W115	93811030
	1/2	6	230	10FA05S4-2W230	93811010	10FA05S4-3W230	93811035
	3/4	8	230	10FA07S4-2W230	93811015	10FA07S4-3W230	93811040
	1	11	230	10FA1S4-2W230	93811020	10FA1S4-3W230	93811045
	1.5	15	230	10FA15S4-2W230	93811025	10FA15S4-3W230	93811050
15	1/2	4	115	15FA05S4-2W115	93811505	15FA05S4-3W115	93811530
	1/2	4	230	15FA05S4-2W230	93811510	15FA05S4-3W230	93811535
	3/4	6	230	15FA07S4-2W230	93811515	15FA07S4-3W230	93811540
	1	8	230	15FA1S4-2W230	93811520	15FA1S4-3W230	93811545
	1.5	11	230	15FA15S4-2W230	93811525	15FA15S4-3W230	93811550
20	3/4	5	230	20FA07S4-2W230	93812015	20FA07S4-3W230	93812040
	1	7	230	20FA1S4-2W230	93812020	20FA1S4-3W230	93812045
	1.5	10	230	20FA15S4-2W230	93812025	20FA15S4-3W230	93812050
25	1	6	230	25FA1S4-2W230	93812520	25FA1S4-3W230	93812545
	1.5	8	230	25FA15S4-2W230	93812525	25FA15S4-3W230	93812550

Notes: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

Submersible Pumps

4" Tri-Seal Pumps

Features & Ordering Information (See pgs. 2-3 for model number explanation)

Plastic Ordering Information

GPM	HP	Stg	Volts	2-Wire		3-Wire	
				Model No.	Order No.	Model No.	Order No.
5	1/2	8	115	5FA05P4-2W115	93780505	5FA05P4-3W115	93780530
	1/2	8	230	5FA05P4-2W230	93780510	5FA05P4-3W230	93780535
	3/4	12	230	5FA07P4-2W230	93780515	5FA07P4-3W230	93780540
	1	15	230	5FA1P4-2W230	93780520	5FA1P4-3W230	93780545
	1.5	21	230	5FA15P4-2W230	93780525	5FA15P4-3W230	93780550
7	1/2	7	115	7FA05P4-2W115	93780705	7FA05P4-3W115	93780730
	1/2	7	230	7FA05P4-2W230	93780710	7FA05P4-3W230	93780735
	3/4	10	230	7FA07P4-2W230	93780715	7FA07P4-3W230	93780740
	1	13	230	7FA1P4-2W230	93780720	7FA1P4-3W230	93780745
	1.5	18	230	7FA15P4-2W230	93780725	7FA15P4-3W230	93780750
10	1/2	6	115	10FA05P4-2W115	93781005	10FA05P4-3W115	93781030
	1/2	6	230	10FA05P4-2W230	93781010	10FA05P4-3W230	93781035
	3/4	8	230	10FA07P4-2W230	93781015	10FA07P4-3W230	93781040
	1	11	230	10FA1P4-2W230	93781020	10FA1P4-3W230	93781045
	1.5	15	230	10FA15P4-2W230	93781025	10FA15P4-3W230	93781050
15	1/2	4	115	15FA05P4-2W115	93781505	15FA05P4-3W115	93781530
	1/2	4	230	15FA05P4-2W230	93781510	15FA05P4-3W230	93781535
	3/4	6	230	15FA07P4-2W230	93781515	15FA07P4-3W230	93781540
	1	8	230	15FA1P4-2W230	93781520	15FA1P4-3W230	93781545
	1.5	11	230	15FA15P4-2W230	93781525	15FA15P4-3W230	93781550
20	3/4	5	230	20FA07P4-2W230	93782015	20FA07P4-3W230	93782040
	1	7	230	20FA1P4-2W230	93782020	20FA1P4-3W230	93782045
	1.5	10	230	20FA15P4-2W230	93782025	20FA15P4-3W230	93782050
25	1	6	230	25FA1P4-2W230	93782520	25FA1P4-3W230	93782545
	1.5	8	230	25FA15P4-2W230	93782525	25FA15P4-3W230	93782550

Notes: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

Submersible Pumps

4" Tri-Seal Pumps

Features & Ordering Information (See pgs. 2-3 for model number explanation)

Pump End Assemblies Only Ordering Information

Plastic				
GPM	HP	Stg	Model No.	Order No.
5	1/2	8	5FA05P4-PE	93790505
	3/4	12	5FA07P4-PE	93790510
	1	15	5FA1P4-PE	93790515
	1.5	21	5FA15P4-PE	93790520
7	1/2	7	7FA05P4-PE	93790705
	3/4	10	7FA07P4-PE	93790710
	1	13	7FA1P4-PE	93790715
	1.5	18	7FA15P4-PE	93790720
10	1/2	6	10FA05P4-PE	93791005
	3/4	8	10FA07P4-PE	93791010
	1	11	10FA1P4-PE	93791015
	1.5	15	10FA15P4-PE	93791020
15	1/2	4	15FA05P4-PE	93791505
	3/4	6	15FA07P4-PE	93791510
	1	8	15FA1P4-PE	93791515
	1.5	11	15FA15P4-PE	93791520
20	3/4	5	20FA07P4-PE	93792010
	1	7	20FA1P4-PE	93792015
	1.5	10	20FA15P4-PE	93792020
25	1	6	25FA1P4-PE	93792515
	1.5	8	25FA15P4-PE	93792520

Notes: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

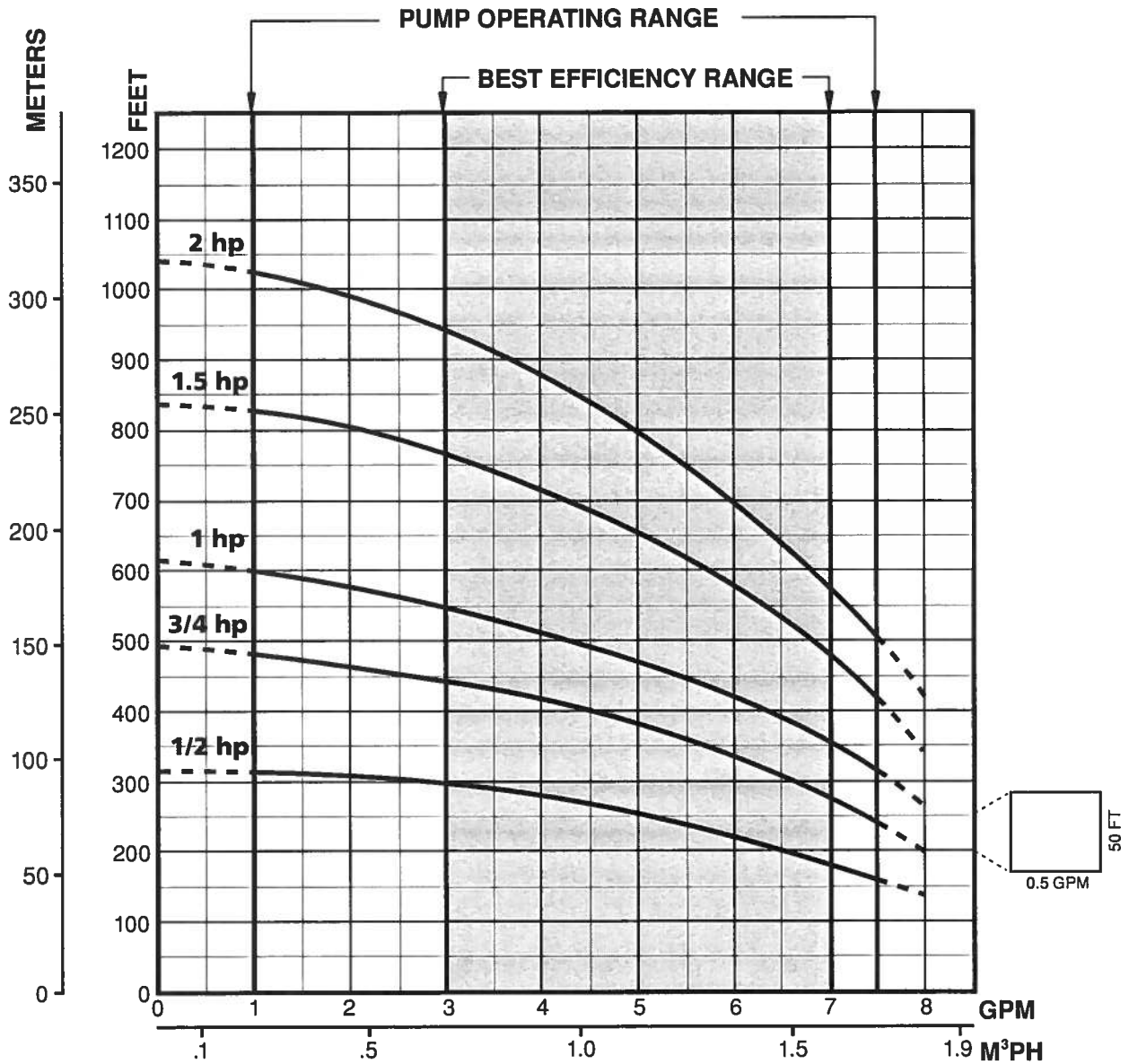
Stainless Steel				
GPM	HP	Stg	Model No.	Order No.
5	1/2	8	5FA05S4-PE	93820505
	3/4	12	5FA07S4-PE	93820510
	1	15	5FA1S4-PE	93820515
	1.5	21	5FA15S4-PE	93820520
	2	26	5FA2S4-PE	93820525
7	1/2	7	7FA05S4-PE	93820705
	3/4	10	7FA07S4-PE	93820710
	1	13	7FA1S4-PE	93820715
	1.5	18	7FA15S4-PE	93820720
	2	24	7FA2S4-PE	93820725
10	3	32	7FA3S4-PE	93820730
10	1/2	6	10FA05S4-PE	93821005
	3/4	8	10FA07S4-PE	93821010
	1	11	10FA1S4-PE	93821015
	1.5	15	10FA15S4-PE	93821020
	2	18	10FA2S4-PE	93821025
	3	24	10FA3S4-PE	93821030
	5	39	10FA5S4-PE	93821035
15	1/2	4	15FA05S4-PE	93821505
	3/4	6	15FA07S4-PE	93821510
	1	8	15FA1S4-PE	93821515
	1.5	11	15FA15S4-PE	93821520
	2	14	15FA2S4-PE	93821525
	3	19	15FA3S4-PE	93821530
	5	31	15FA5S4-PE	93821535
20	3/4	5	20FA07S4-PE	93822010
	1	7	20FA1S4-PE	93822015
	1.5	10	20FA15S4-PE	93822020
	2	12	20FA2S4-PE	93822025
	3	16	20FA3S4-PE	93822030
	5	26	20FA5S4-PE	93822035
	7.5	39	20FA7S4-PE	93822040
	10	52	20FA10S4-PE	93822045
25	1	6	25FA1S4-PE	93822515
	1.5	8	25FA15S4-PE	93822520
	2	10	25FA2S4-PE	93822525
	3	14	25FA3S4-PE	93822530
	5	23	25FA5S4-PE	93822535
	7.5	35	25FA7S4-PE	93822540
	10	44	25FA10S4-PE	93822545

Notes: Discharge is 1-1/4" NPT. Maximum diameter across cable guard is 3.90" on all models.

Submersible Pumps

4" Tri-Seal Pumps

5 GPM Performance Curves



Submersible Pumps

4" Tri-Seal Pumps

5 GPM Performance Charts

Capacities in U.S. Gallons per Minute

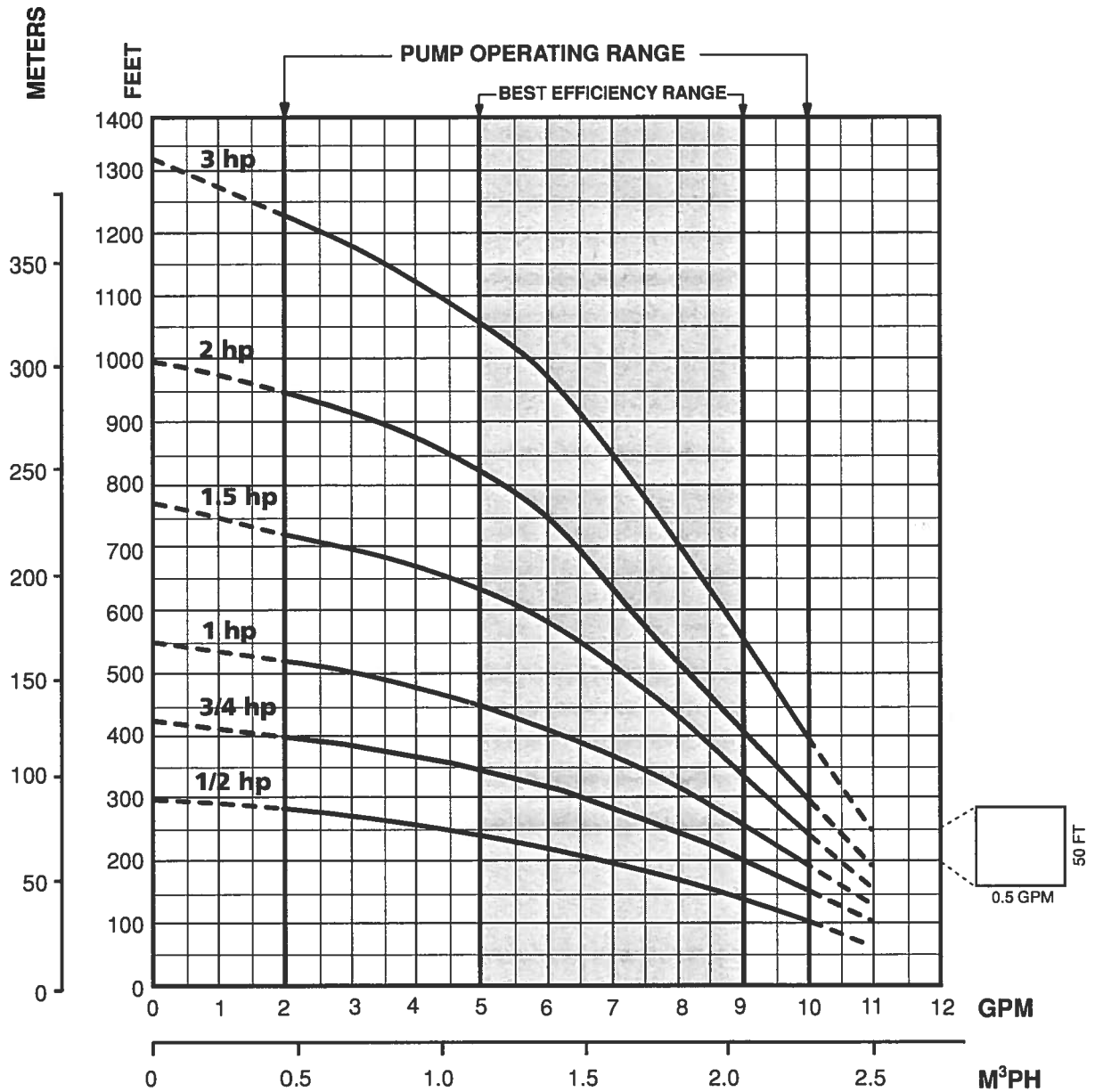
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet. Shaded Areas Indicate Most Efficient Performance																								
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000		
1/2	0							7	7	6	6	5	4													Shut-off 315 ft
	20					8	7	6	6	5	5	3	2													
	30				7	7	6	6	5	5	4	2														
	40			7	7	8	8	5	5	4	3															
	50		7	6	8	6	5	5	4	2																
	60	7	7	6	6	5	4	4	2																	
	80	6	6	5	4	3																				
Shut-off PSI		127	119	110	101	93	84	75	67	58	49	32	23													
3/4	0										7	7	7	6	5	4	3								Shut-off 495 ft	
	20								7	7	7	6	8	5	4	3										
	30							7	7	7	6	6	6	5	3											
	40						7	7	7	6	6	6	5	4	2											
	50					7	7	7	6	6	6	5	5	4												
	60				7	7	7	6	6	6	5	5	4	3												
	80		7	7	7	6	8	6	5	5	4	3	3													
Shut-off PSI		205	196	188	179	171	162	153	145	136	127	110	101	84	58	41	23									
1	0											8	7	6	8	5	4	4						Shut-off 615 ft		
	20										7	7	7	6	5	4	3									
	30									7	7	7	6	5	5	3	2									
	40								7	7	7	7	6	5	4	3										
	50							7	7	7	7	6	6	4	3											
	60						7	7	7	7	8	6	5	4												
	80					7	7	7	6	6	5	5	4													
Shut off PSI		257	248	240	231	222	214	205	197	188	179	162	153	136	110	3	75	58	49							
1.5	0														7	7	7	8	5	4	2			Shut-off 835 ft		
	20													7	7	7	6	6	6	5	3					
	30													7	7	7	6	6	6	4	3					
	40												7	7	7	8	6	6	5	4	2					
	50											7	7	7	7	8	6	5	5	3						
	60											7	7	7	6	8	5	5	5	3						
	80								7	7	7	7	6	6	5	5	4	2								
Shut-off PSI		352	344	335	326	318	309	300	292	283	274	257	249	231	205	188	171	153	145	101	58	15				
2	0															7	7	7	6	5	4	3		Shut-off 1040 ft		
	20															7	7	7	7	6	5	4	2			
	30															7	7	7	7	6	6	5	3			
	40															7	7	7	6	6	6	5	3			
	50															7	7	7	7	6	6	5	4		3	
	60															7	7	7	6	6	8	5	4		3	
	80											7	7	7	7	6	8	6	6	5	3					
Shut-off PSI		441	432	424	415	406	398	389	381	372	363	346	337	320	294	277	259	242	233	190	147	104	60			

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Tri-Seal Pumps

7 GPM Performance Curves



Submersible Pumps

4" Tri-Seal Pumps 7 GPM Performance Charts

Capacities in U.S. Gallons per Minute

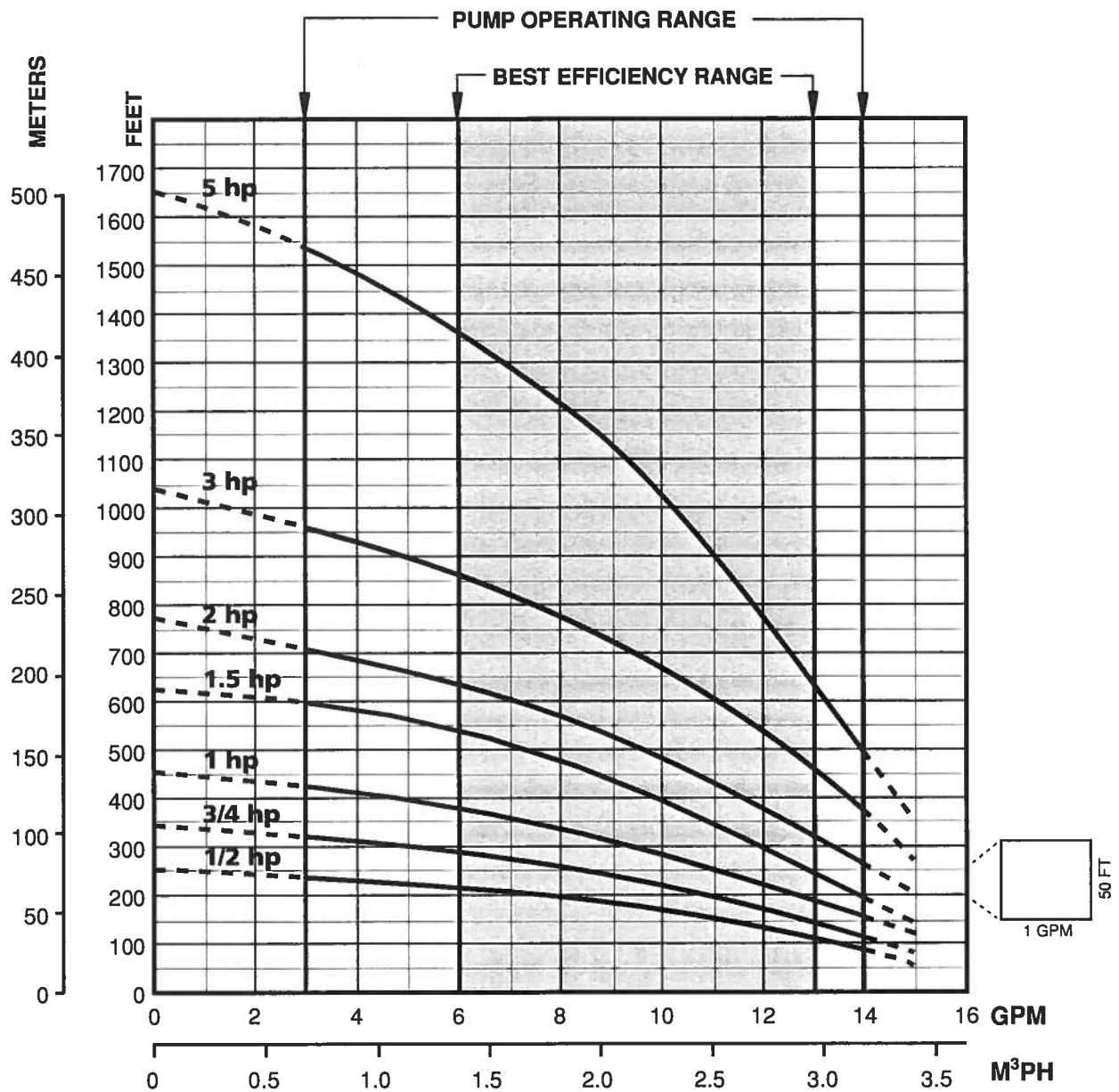
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet. Shaded Areas Indicate Most Efficient Performance																								
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700		800	900	1000	
1/2	0				10	10	9	9	8	7	6	5	4												Shut-off 300 ft	
	20		10	9	9	8	8	7	6	5	4															
	30	10	9	9	8	7	7	8	5	4	3															
	40	9	9	8	8	7	6	5	4	3																
	50	9	8	7	7	6	5	4	3																	
	60	8	7	6	8	5	4	3																		
	80	6	5	4	3																					
Shut-off PSI		121	112	103	95	86	77	69	60	52	43	26	17													
3/4	0						10	10	9	9	9	8	7	6	4										Shut-off 422 ft	
	20			10	10	10	9	9	8	8	7	6	6	4												
	30		10	10	10	9	9	8	8	7	7	6	5	3												
	40	10	10	10	9	9	8	8	7	7	6	5	4													
	50	10	9	9	9	8	8	7	7	6	6	4	3													
	60	9	9	9	8	8	7	7	6	6	5	3														
	80	8	8	8	7	6	6	5	5	4	3															
Shut-off PSI		174	165	156	148	139	130	122	113	104	96	78	70	52	26											
1	0						10	10	10	9	9	9	8	8	7	6	5	3	3						Shut-off 544 ft	
	20					10	10	10	9	9	9	8	8	7	6	5	3									
	30			10	10	10	10	9	9	9	8	8	7	6	5	4										
	40		10	10	10	10	9	9	9	8	8	7	7	6	4	3										
	50	10	10	10	10	9	9	9	8	8	8	7	6	5	3											
	60	10	10	9	9	9	9	8	8	8	7	6	6	5	3											
	80	9	9	9	8	8	8	7	7	7	6	5	5	3												
Shut-off PSI		226	218	209	200	192	183	174	166	157	148	131	123	105	79	62	45	27	18							
1.5	0								10	10	10	9	9	9	8	8	7	7	7	5	2				Shut-off 765 ft	
	20						10	10	10	10	9	9	9	8	8	7	7	6	8	4						
	30				10	10	10	10	10	9	9	9	9	8	8	7	7	6	6	3						
	40			10	10	10	10	9	9	9	9	9	8	8	7	7	6	6	5	3						
	50		10	10	10	10	9	9	9	9	9	8	8	8	7	6	6	5	5							
	60	10	10	10	10	9	9	9	9	9	8	8	8	7	7	6	6	5	4							
	80	10	10	9	9	9	9	9	8	8	8	7	7	6	5	5	4	3								
Shut-off PSI		322	313	305	296	287	279	270	261	253	244	227	218	201	175	158	140	123	114	71	28					
2	0									10	10	10	10	9	9	9	8	8	8	7	6	5	3		Shut-off 995 ft	
	20								10	10	10	10	9	9	9	8	8	7	7	8	6	4				
	30						10	10	10	10	10	9	9	9	8	8	7	7	7	6	5	4				
	40					10	10	10	10	10	9	9	9	9	8	8	7	7	7	8	5	3				
	50				10	10	10	10	10	9	9	9	9	8	8	8	7	7	7	6	5	3				
	60			10	10	10	10	10	10	9	9	9	9	8	8	7	7	7	7	6	4					
	80	10	10	10	10	10	9	9	9	9	9	9	8	8	7	7	7	6	8	5	3					
Shut-off PSI		421	412	404	395	386	378	369	360	352	343	326	317	300	274	257	239	222	213	170	127	84	40			
HP	PSI	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400											
3	0			10	9	9	8	7	7	6	5	4	2												Shut-off 1310 ft	
	20		10	9	9	8	8	7	6	6	5	3														
	30		10	9	9	8	8	7	6	6	4	3														
	40		10	9	9	8	7	7	6	5	4															
	50	10	10	9	8	8	7	7	8	5	4															
	60	10	10	9	8	8	7	7	6	5	3															
	80	10	9	8	8	7	7	6	5	4	2															
Shut-off PSI		523	480	437	394	350	307	284	221	177	134	91	48													

Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Tri-Seal Pumps

10 GPM Performance Curves



Submersible Pumps

4" Tri-Seal Pumps

10 GPM Performance Charts

Capacities in U.S. Gallons per Minute

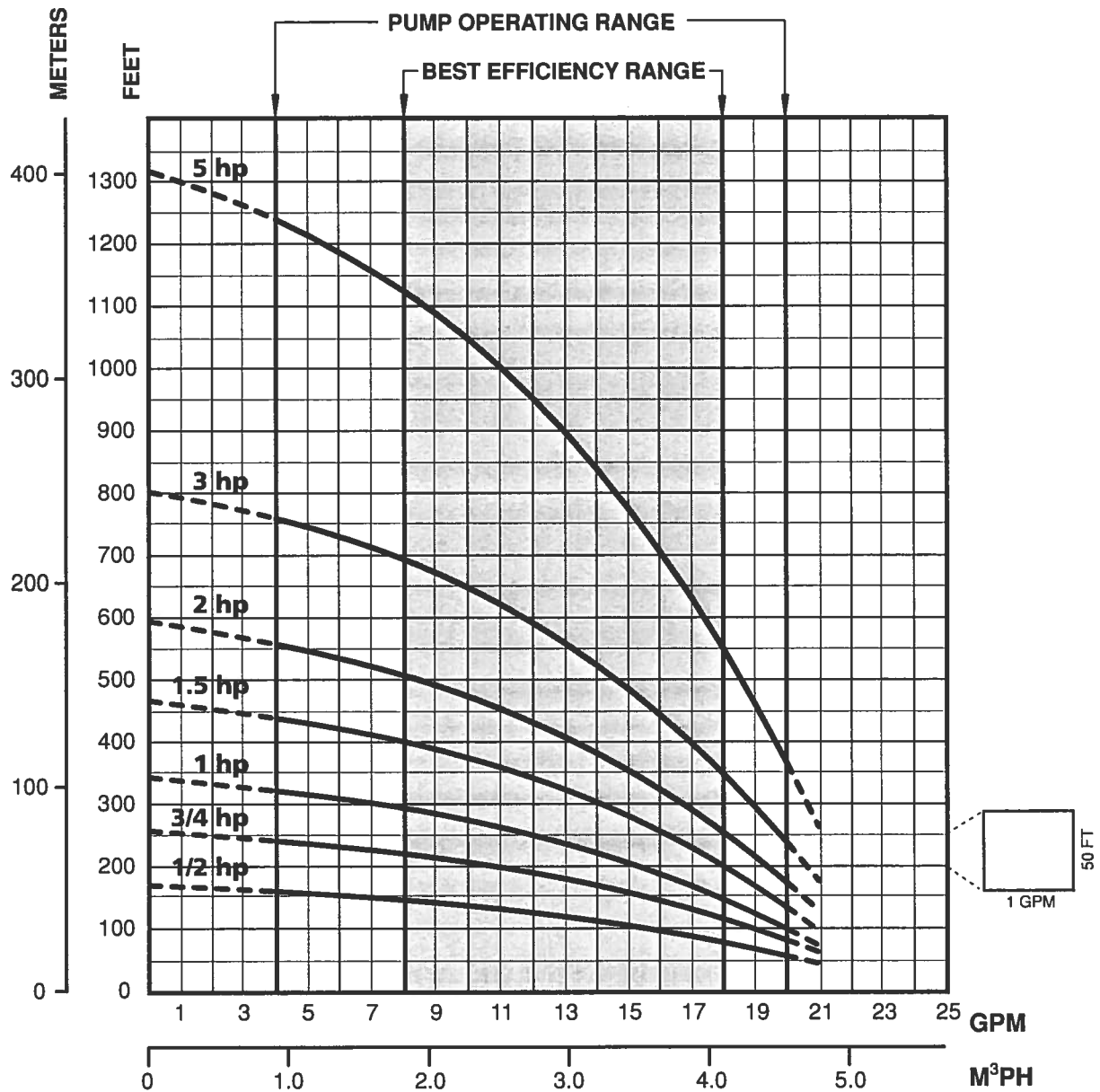
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet. Shaded Areas Indicate Most Efficient Performance																						
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000
1/2	0				14	13	12	11	10	9	7													
	20	14	13	13	12	11	10	8	6	3														
	30	13	13	12	11	10	8	6	3															
	40	13	12	11	10	8	6	3																
	50	12	11	9	8	5	3																	
	60	11	10	7	4																			
	80	8	6	4																				
Shut-off PSI		97	88	80	71	62	54	45	36	28	19													
3/4	0					14	13	13	12	11	10	7	8	4										
	20		14	14	13	12	11	10	9	8	6	4												
	30	14	14	13	12	12	11	10	9	8	7	3												
	40	14	13	12	12	11	10	9	8	7	6													
	50	13	12	11	11	10	9	8	7	5	3													
	60	12	11	11	10	9	8	6	5															
	80	11	10	9	8	6	5																	
Shut-off PSI		137	129	120	111	103	94	85	77	68	59	42	34	16										
1	0						14	13	13	12	11	10	9	7	4									
	20					14	13	13	12	11	11	9	9	7	3									
	30				14	13	13	12	11	11	10	9	8	6										
	40			14	13	13	12	11	11	10	9	8	7	5										
	50		14	13	12	12	11	11	10	9	8	7	6											
	60	13	12	12	11	11	10	10	9	8	8	5	4											
	80	12	12	11	10	10	9	8	7	6	5													
Shut-off PSI		183	174	157	148	140	131	123	114	105	97	79	71	53	27	10								
1.5	0							14	13	13	12	12	10	9	9	8	7							
	20						14	13	13	12	12	11	11	9	8	7	6	5						
	30					14	13	13	12	12	11	11	10	8	8	6	5	4						
	40				14	13	13	12	12	12	11	10	10	8	7	6	4							
	50			14	13	13	12	12	12	11	10	10	9	8	6	5	3							
	60		14	13	13	12	12	11	11	11	10	9	9	7	6	4								
	80	13	13	13	12	12	11	11	11	10	10	9	9	8	6	3								
Shut-off PSI		257	248	240	231	222	214	205	197	188	179	162	153	136	110	93	75	41	32					
2	0									14	13	13	12	11	10	10	9	8						
	20									14	13	13	12	11	10	9	9	8	5					
	30								14	13	13	12	12	10	10	9	8	8	4					
	40							14	13	13	12	12	11	10	9	9	8	7	3					
	50						14	13	13	12	12	11	11	10	9	8	7	6						
	60				14	13	13	13	12	12	11	11	10	9	8	7	6	5						
	80		14	13	13	13	12	12	12	11	11	10	9	8	6	4	4							
Shut-off PSI		324	316	307	298	290	281	272	264	255	246	229	220	203	177	160	143	125	117	73				
3	0												14	13	13	12	12	11	9	7	5			
	20												14	13	13	12	12	12	10	8	6	3		
	30												14	14	13	13	12	12	11	10	8	5		
	40												14	14	13	13	12	12	11	11	9	7	4	
	50											14	14	14	13	12	12	11	11	11	9	7	4	
	60											14	14	14	13	12	12	11	11	10	9	6	3	
	80								14	14	13	13	12	12	11	11	10	10	8	5				
Shut-off PSI		438	430	421	413	404	395	387	378	369	361	343	335	317	291	274	257	240	231	188	144	101	58	
5	0				14	13	13	12	11	11	10	9	8	6	5									
	20				14	13	12	12	11	10	9	8	7	6	4									
	30				14	13	12	12	11	10	9	8	7	5	4									
	40				14	13	12	11	11	10	9	8	7	5	3									
	50			14	13	13	12	11	10	9	9	7	6	5	3									
	60			14	13	13	12	11	10	9	8	7	6	4										
	80		14	13	13	12	11	11	10	9	8	7	5	3										
Shut-off PSI		670	626	583	540	497	453	410	367	324	280	237	194	151	107									

Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Tri-Seal Pumps

15 GPM Performance Curves



Submersible Pumps

4" Tri-Seal Pumps

15 GPM Performance Charts

Capacities in U.S. Gallons per Minute

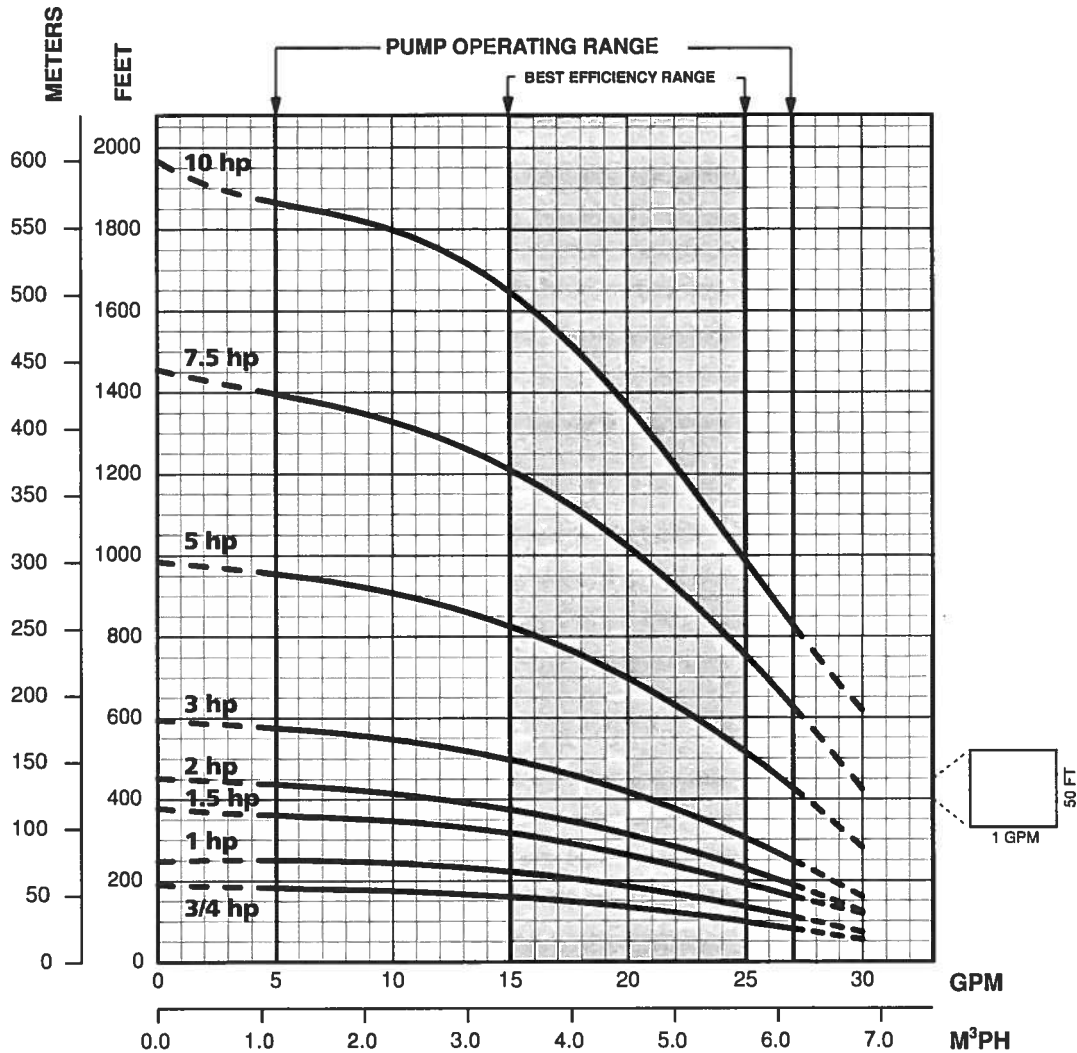
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet. Shaded Areas Indicate Most Efficient Performance																											
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000	1100	1200			
1/2	0			20	18	16	13	9	4																		Shut-off 170 ft		
	20	19	17	15	12	8																							
	30	17	14	11	7																								
	40	14	11	6																									
	50	10	5																										
	60	4																											
	80																												
Shut-off PSI		65	56	48	39	30	22	13	4																				
3/4	0				20	19	18	16	15	13	11															Shut-off 257 ft			
	20		20	19	17	18	14	12	10	7																			
	30	20	18	17	18	14	12	10	6																				
	40	18	17	15	14	12	9	6																					
	50	17	15	13	11	9	5																						
	60	15	13	11	8	4																							
	80	10	7																										
Shut-off PSI		103	94	85	77	68	59	51	42	33	25																		
1	0					20	19	18	17	16	15	13	11	7												Shut-off 343 ft			
	20				20	19	18	17	18	15	14	12	9	6															
	30	20	20	19	18	17	16	15	14	12	10	6																	
	40	19	19	18	17	16	15	13	12	10	8																		
	50	18	18	17	16	14	13	12	10	8	5																		
	60	17	16	15	14	13	11	10	7	4																			
	80	15	14	12	11	9	6																						
Shut-off PSI		140	131	123	114	105	97	88	79	71	62	45	36	19															
1.5	0						20	20	19	19	18	17	16	14	11	8	4									Shut-off 467 ft			
	20					20	20	19	18	18	17	16	15	14	12	7													
	30				20	20	19	18	18	17	16	15	14	13	10	5													
	40			20	19	19	18	18	17	16	15	15	13	11	9														
	50	20	19	19	18	17	17	16	15	14	13	11	10	7															
	60	19	19	18	17	17	16	15	14	13	12	10	8	4															
	80	18	17	16	16	15	14	13	12	11	9	6																	
Shut-off PSI		193	185	176	167	159	150	141	133	124	115	98	89	72	46	29	11												
2	0							20	20	19	18	18	17	15	13	12	10	8								Shut-off 594 ft			
	20						20	20	19	18	18	17	16	15	13	11	9	7	5										
	30						20	20	19	18	18	16	16	14	12	10	8	5											
	40				20	20	20	19	18	18	17	16	16	14	11	9	6												
	50			20	20	19	19	18	17	17	16	15	14	13	10	7	4												
	60	20	20	19	19	18	18	17	17	16	16	14	13	12	9	6													
	80	19	19	18	18	17	17	16	15	14	12	11	9	5															
Shut-off PSI		249	240	231	223	214	205	197	188	179	171	153	145	127	101	84	67	49	41										
3	0									20	20	19	18	17	16	15	15	12	8							Shut-off 802 ft			
	20									20	20	19	18	17	16	15	14	13	10	5									
	30									20	20	19	18	18	16	15	14	13	9										
	40									20	20	19	19	18	17	16	15	14	13	12	8								
	50									20	20	19	19	18	17	15	14	13	12	11	7								
	60					20	20	20	19	19	19	18	17	16	15	14	12	11	10	5									
	80	20	20	20	20	19	19	19	18	18	17	16	15	13	12	11	9	8											
Shut-off PSI		339	330	321	313	304	295	287	278	269	261	243	235	217	191	174	157	139	131	87	44								
5	0														20	20	19	19	19	17	16	15	13	11	9	6	Shut-off 1316 ft		
	20														20	20	19	19	18	17	15	14	12	10	7	4			
	30														20	20	19	19	18	17	15	14	12	9	7				
	40														20	20	19	19	18	18	16	15	13	11	9	6			
	50														20	20	20	19	18	18	17	16	14	13	11	8		5	
	60														20	20	20	19	19	18	18	17	16	14	12	10		8	4
	80														20	20	20	19	18	18	17	17	16	15	13	11		9	6
Shut-off PSI		561	553	544	535	527	518	509	501	492	483	466	457	440	414	397	379	362	353	310	267	224	180	137	94	50			

- Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Tri-Seal Pumps

20 GPM Performance Curves



Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet. Shaded Areas Indicate Most Efficient Performance																	
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500
3/4	0				24	22	21	18	14										
	20		23	21	19	17	12												
	30	23	21	19	17	11													
	40	21	19	17	10														
	50	19	16	10															
	60	14																	
Shut-off PSI		74	65	56	48	39	30	22	13										

Submersible Pumps

4" Tri-Seal Pumps

20 GPM Performance Charts

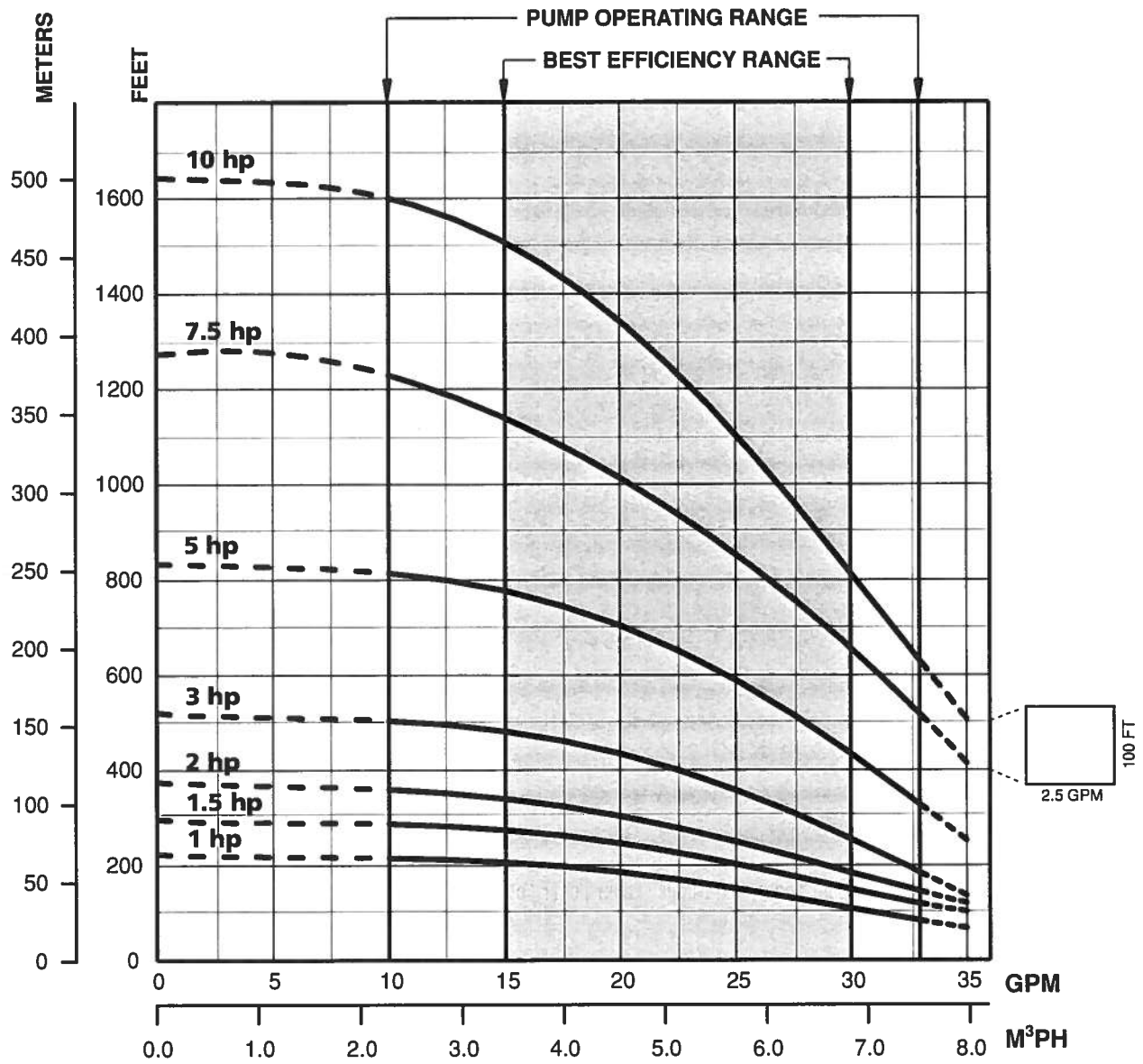
HP	PSI	Depth to Pumping Water Level, or Lift, in Feet. Shaded Areas Indicate Most Efficient Performance																						
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500	600	700	800	900	1000
1	0						26	25	23	20	18	11												
	20				27	26	24	22	20	18	15	8												
	30			27	26	24	22	19	17	14	7													
	40	27	25	23	21	19	17	13																
	50	25	23	21	19	16	12																	
	60	23	21	18	16	11																		
	70	20	18	15	10																			
	80	18	15	9																				
Shut-off PSI		100	91	83	74	66	57	48	40	31	22	5												
1.5	0								27	26	24	22	20	17	6									
	20						27	25	24	23	21	18	16	10										
	30					26	25	24	22	21	20	16	13											
	40				26	25	23	22	21	19	18	13	8											
	50		27	26	25	23	22	21	19	17	15	7												
	60	27	26	24	23	22	20	19	17	15	11													
	70	26	24	23	21	20	19	17	14	11	5													
	80	24	23	21	20	18	16	14	10															
Shut-off PSI		156	147	138	130	121	112	104	95	86	78	60	52	34	8									
2	0										24	23	20	16	12									
	20										24	21	20	17	12									
	30									24	23	22	20	19	16									
	40								24	23	22	21	19	17	14									
	50						24	23	22	20	19	16	14	10										
	60					24	23	22	20	19	18	14	12											
	70						24	23	22	20	19	18	14	12										
	80				24	23	21	20	19	18	16	14												
Shut-off PSI		187	179	170	161	153	144	135	127	118	110	92	84	66	40	23								
3	0												24	22	20	18	16	14						
	20												24	23	20	17	15	12	10					
	30												24	23	21	18	16	13	10					
	40												24	23	22	20	17	14	11					
	50									24	24	22	21	19	18	13								
	60								24	24	23	21	20	18	14	10								
	70							24	23	22	20	18	17	15	10									
	80						24	23	22	20	18	17	15	10										
Shut-off PSI		251	242	234	225	216	208	199	190	182	173	156	147	130	104	87	69	52	43					
5	0																	24	23	20	16			
	20																		24	21	18	13		
	30																		24	23	20	17	11	
	40																		24	23	23	20	16	10
	50																		24	22	22	17	15	
	60																		24	23	22	21	18	14
	70																		24	23	22	21	20	16
	80																		24	23	22	21	20	16
Shut-off PSI		416	408	399	390	382	373	364	356	347	339	321	313	295	269	252	235	217	209	165	122	79		
HP	PSI	440	480	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900						
7.5	0					27	26	24	22	20	18	15	11	5										
	20					27	25	23	22	19	17	14	9											
	30					26	25	23	21	19	16	13	7											
	40					26	24	23	21	18	16	12	6											
	50					27	26	24	22	20	18	15	11											
	60					27	27	25	24	22	20	17	14	9										
	70																							
	80	27	26	26	24	23	21	19	16	12	6													
Shut-off PSI		440	423	414	371	327	284	241	197	154	111	68	24											
10	0									26	25	23	22	21	20	18	16	13	9					
	20									27	25	24	23	22	20	19	17	15	12	7				
	30									27	25	24	23	21	20	19	17	14	11	6				
	40									26	25	23	22	21	20	18	16	14	10					
	50									27	26	24	23	22	21	20	18	16	13	8				
	60									27	26	24	23	22	21	19	18	15	12	7				
	70									26	25	24	22	21	20	19	17	14	10	5				
	80																							
Shut-off PSI		662	644	636	592	549	506	462	419	376	333	289	246	203	159	116	73							

Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Tri-Seal Pumps

25 GPM Performance Curves



Submersible Pumps

4" Tri-Seal Pumps

25 GPM Performance Charts

Capacities in U.S. Gallons per Minute

HP	PSI	Depth to Pumping Water Level, or Lift, in Feet. Shaded Areas Indicate Most Efficient Performance																	
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500
1	0																		
	20		32	30	28	25	22	18	15										
	30	32	29	27	25	22	19												
	40	29	27	25	22	19													
	50	26	24	21	18														
	60	24	21	17															
Shut-off PSI		87	79	70	61	53	44	35	27	18	10								
1.5	0						33	31	29	27	25	21	19						
	20				32	30	28	26	24	22	19								
	30			32	30	28	26	24	22	19	16								
	40	33	32	29	27	25	23	21	19	15									
	50	32	29	27	25	23	21	18											
	60	29	27	25	23	20	18												
Shut-off PSI		120	111	103	94	85	77	68	59	51	42	25	16						
2	0					34	33	31	29	28	26	25	24	20					
	20				34	33	31	29	28	26	24	23	19	17					
	30			34	33	31	29	28	26	24	23	21	17						
	40		34	33	31	29	28	26	24	23	21	17							
	50	33	32	30	29	27	26	24	22	20	18								
	60	32	30	28	27	26	24	22	20	18									
Shut-off PSI		154	145	136	128	119	110	102	93	84	76	58	50	32					
3	0						33	32	31	30	28	27	25	22	19	15			
	20						33	32	31	30	29	27	26	24	20				
	30					33	32	31	30	29	28	26	24	20					
	40				33	32	31	30	29	28	27	24	23	21	15				
	50			33	32	31	30	29	28	27	24	23	21	15					
	60	33	32	31	31	30	29	28	26	25	23	22	19						
Shut-off PSI		216	207	199	190	181	173	164	155	147	138	121	112	95	69	52	34	17	
5	0										33	32	31	30	28	28	24	20	
	20										33	32	30	30	28	27	26	22	17
	30										33	33	31	30	28	27	26	25	21
	40										33	32	31	29	28	27	25	24	20
	50										33	33	32	31	30	28	27	25	24
	60										33	33	32	31	30	28	26	25	23
Shut-off PSI		352	343	326	317	309	300	291	283	274	257	248	231	205	187	170	153	144	101
7.5	0						33	33	31	29	26	23	20	17	12				
	20					33	32	32	31	28	25	22	19	15					
	30				33	33	32	32	30	27	24	21	18	14					
	40				33	32	32	31	29	27	24	21	17	12					
	50		33	33	32	31	31	29	26	23	20	17							
	60		33	32	32	31	31	28	25	22	19	16							
Shut-off PSI		425	399	382	364	347	338	295	252	208	165	122	78	35					
10	0							33	32	30	29	27	25	23	21	19	15	10	
	20							33	31	30	28	26	24	22	20	17	13		
	30							32	31	29	27	26	24	22	19	17	12		
	40							33	32	30	29	27	25	23	21	19	16	10	
	50						33	33	32	30	28	27	25	23	21	18	15		
	60						33	33	31	30	28	26	24	22	20	18	14		
Shut-off PSI		581	555	538	520	503	494	451	408	365	321	278	235	191	148	105	61	18	

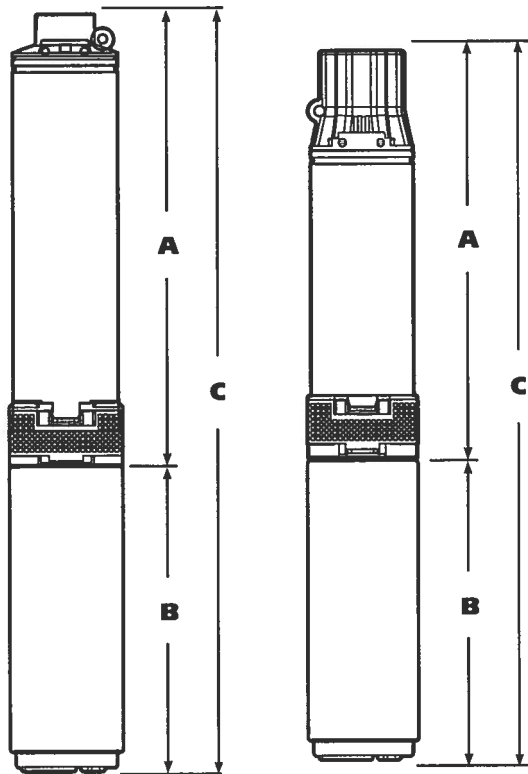
Notes: 1. Performance shown does not include friction loss in the drop pipe.

2. All performance data is based on rated motor nameplate voltage.

Submersible Pumps

4" Tri-Seal Pumps

Dimensions



Note: All lengths are in inches
All weights are in pounds
Maximum diameter with cable guard is 3.90"

Plastic with 2-Wire Motors

GPM	HP	Stages	A	B	C	PE WT.	PMA WT.
5	1/2	8	14.12	9.51	23.63	8	26
	3/4	12	17.41	10.64	28.05	9	30
	1	15	19.87	11.73	31.60	10	34
	1.5	21	24.81	15.10	39.91	12	43
7	1/2	7	13.30	9.51	22.81	7	25
	3/4	10	15.76	10.64	26.40	8	29
	1	13	18.23	11.73	29.96	10	34
	1.5	18	22.34	15.10	37.44	11	42
10	1/2	6	12.97	9.51	22.48	7	25
	3/4	8	14.69	10.64	25.33	8	29
	1	11	17.44	11.73	29.17	9	33
	1.5	15	21.06	15.10	36.16	10	41
15	1/2	4	11.45	9.51	20.96	6	24
	3/4	6	12.97	10.64	23.61	7	28
	1	8	14.69	11.73	26.42	8	32
	1.5	11	17.44	15.10	32.54	9	40
20	3/4	5	13.65	10.64	24.29	6	28
	1	7	16.10	11.73	27.83	7	31
	1.5	10	19.77	15.10	34.87	8	39
25	1	6	14.88	11.73	26.61	7	31
	1.5	8	17.32	15.10	32.42	8	39

Plastic with 3-Wire Motors

GPM	HP	Stages	A	B	C	PE WT.	PMA WT.
5	1/2	8	14.12	9.51	23.63	8	27
	3/4	12	17.41	10.64	28.05	9	30
	1	15	19.87	11.73	31.60	10	34
	1.5	21	24.81	13.60	38.41	12	40
7	1/2	7	13.30	9.51	22.81	7	26
	3/4	10	15.76	10.64	26.40	8	29
	1	13	18.23	11.73	29.96	10	34
	1.5	18	22.34	13.60	35.94	11	39
10	1/2	6	12.97	9.51	22.48	7	26
	3/4	8	14.69	10.64	25.33	8	29
	1	11	17.44	11.73	29.17	9	33
	1.5	15	21.06	13.60	34.66	10	38
15	1/2	4	11.45	9.51	20.96	6	25
	3/4	6	12.97	10.64	23.61	7	28
	1	8	14.69	11.73	26.42	8	32
	1.5	11	17.44	13.60	31.04	9	37
20	3/4	5	13.65	10.64	24.29	6	28
	1	7	16.10	11.73	27.83	7	31
	1.5	10	19.77	13.60	33.37	8	36
25	1	6	14.88	11.73	26.61	7	31
	1.5	8	17.32	15.10	30.92	8	36

Note: PE - Pump end only PMA - Pump and motor assembly

Submersible Pumps

4" Tri-Seal Pumps

Dimensions

Stainless Steel with 2-Wire Motors

GPM	HP	Stages	A	B	C	PE WT.	PMA WT.
5	1/2	8	13.57	9.51	23.08	10	28
	3/4	12	16.86	10.64	27.50	12	33
	1	15	19.33	11.73	31.06	14	38
	1.5	21	24.26	15.10	39.36	17	48
7	1/2	7	12.75	9.51	22.26	9	27
	3/4	10	15.22	10.64	25.86	11	32
	1	13	17.68	11.73	29.41	13	37
	1.5	18	21.80	15.10	36.90	15	46
10	1/2	6	12.39	9.51	21.90	9	27
	3/4	8	14.14	10.64	24.78	10	31
	1	11	16.85	11.73	28.58	11	35
	1.5	15	20.48	15.10	35.58	14	45
15	1/2	4	10.64	9.51	20.15	7	25
	3/4	6	12.39	10.64	23.03	9	30
	1	8	14.14	11.73	25.87	10	34
	1.5	11	16.85	15.10	31.95	11	42
20	3/4	5	13.10	10.64	23.74	8	29
	1	7	15.55	11.73	27.28	9	33
	1.5	10	19.22	15.10	34.32	11	42
25	1	6	14.33	11.73	26.06	9	33
	1.5	8	16.77	15.10	31.87	10	41

Note: PE - Pump end only
PMA - Pump and motor assembly

Stainless Steel with 3-Wire Motors

GPM	HP	Stages	A	B	C	PE WT.	PMA WT.
5	1/2	8	13.57	9.51	23.08	10	29
	3/4	12	16.86	10.64	27.50	12	33
	1	15	19.33	11.73	31.06	14	38
	1.5	21	24.26	13.60	37.86	17	45
	2	26	30.46	15.10	45.56	20	N/A
7	1/2	7	12.75	9.51	22.26	9	28
	3/4	10	15.22	10.64	25.86	11	32
	1	13	17.68	11.73	29.41	13	37
	1.5	18	21.80	13.60	35.40	15	43
	2	24	26.73	15.10	41.83	19	N/A
10	3	32	35.39	19.04	54.43	23	N/A
	1/2	6	12.39	9.51	21.90	9	28
	3/4	8	14.14	10.64	24.78	10	31
	1	11	16.85	11.73	28.58	11	35
	1.5	15	20.48	13.60	34.08	14	42
15	2	18	25.26	15.10	40.36	15	N/A
	3	24	30.70	19.04	49.74	19	N/A
	5	39	44.20	29.19	73.39	27	N/A
	1/2	4	10.64	9.51	20.15	7	26
	3/4	6	12.39	10.64	23.03	9	30
20	1	8	14.14	11.73	25.87	10	34
	1.5	11	16.85	13.60	30.45	11	39
	2	14	19.57	15.10	34.67	13	N/A
	3	19	26.17	19.04	45.21	16	N/A
	5	31	37.00	29.19	66.19	23	N/A
25	3/4	5	13.10	10.64	23.74	8	29
	1	7	15.55	11.73	27.28	9	33
	1.5	10	19.22	13.60	32.82	11	39
	2	12	21.66	15.10	36.76	12	N/A
	3	16	26.55	19.04	45.59	14	N/A
	5	26	40.86	29.19	70.05	20	N/A
	7.5	39	60.77	29.60	90.37	27	N/A
	10	52	76.66	32.60	109.26	35	N/A
25	1	6	14.33	11.73	26.06	9	33
	1.5	8	16.77	13.60	30.37	10	38
	2	10	19.22	15.10	34.32	11	N/A
	3	14	24.11	19.04	43.15	13	N/A
	5	23	37.19	28.19	66.38	18	N/A
	7.5	35	55.88	29.60	85.48	25	N/A
	10	44	66.88	32.60	99.48	30	N/A