

Submersible Pumps

4" TRI-SEAL Pumps

Features & Ordering Information



J-CLASS

SandHandler

4" SandHandler TRI-SEAL

The Standard J-Class SandHandler 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 J-Class SandHandler 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 down-thrust 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 4" submersible motors

Celcon® is a Registered Trademark of the Celanese Corp.
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.

CSA CERTIFIED
PUMP END ONLY



Drinking Water
NSF/ANSI 61

TRI-SEAL™ Floating Stage System

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

Submersible Pumps

4" TRI-SEAL Pumps Features & Ordering Information

Stainless Steel Ordering Information:

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

| GPM | HP | STG | VOLTS | 2-WIRE | | 3-WIRE | |
|-----|-----|-----|-------|----------------|-----------|----------------|-----------|
| | | | | MODEL NO. | ORDER NO. | MODEL NO. | ORDER NO. |
| 5 | 1/2 | 8 | 115 | 5JS05S4-2W115 | 93760505 | 5JS05S4-3W115 | 93760530 |
| | 1/2 | 8 | 230 | 5JS05S4-2W230 | 93760510 | 5JS05S4-3W230 | 93760535 |
| | 3/4 | 12 | 230 | 5JS07S4-2W230 | 93760515 | 5JS07S4-3W230 | 93760540 |
| | 1 | 15 | 230 | 5JS1S4-2W230 | 93760520 | 5JS1S4-3W230 | 93760545 |
| | 1.5 | 21 | 230 | 5JS15S4-2W230 | 93760525 | 5JS15S4-3W230 | 93760550 |
| 7 | 1/2 | 7 | 115 | 7JS05S4-2W115 | 93760705 | 7JS05S4-3W115 | 93760730 |
| | 1/2 | 7 | 230 | 7JS05S4-2W230 | 93760710 | 7JS05S4-3W230 | 93760735 |
| | 3/4 | 10 | 230 | 7JS07S4-2W230 | 93760715 | 7JS07S4-3W230 | 93760740 |
| | 1 | 13 | 230 | 7JS1S4-2W230 | 93760720 | 7JS1S4-3W230 | 93760745 |
| | 1.5 | 18 | 230 | 7JS15S4-2W230 | 93760725 | 7JS15S4-3W230 | 93760750 |
| 10 | 1/2 | 6 | 115 | 10JS05S4-2W115 | 93761005 | 10JS05S4-3W115 | 93761005 |
| | 1/2 | 6 | 230 | 10JS05S4-2W230 | 93761010 | 10JS05S4-3W230 | 93761010 |
| | 3/4 | 8 | 230 | 10JS07S4-2W230 | 93761015 | 10JS07S4-3W230 | 93761015 |
| | 1 | 11 | 230 | 10JS1S4-2W230 | 93761020 | 10JS1S4-3W230 | 93761020 |
| | 1.5 | 15 | 230 | 10JS15S4-2W230 | 93761025 | 10JS15S4-3W230 | 93761025 |
| 15 | 1/2 | 4 | 115 | 15JS05S4-2W115 | 93761505 | 15JS05S4-3W115 | 93761530 |
| | 1/2 | 4 | 230 | 15JS05S4-2W230 | 93761510 | 15JS05S4-3W230 | 93761535 |
| | 3/4 | 6 | 230 | 15JS07S4-2W230 | 93761515 | 15JS07S4-3W230 | 93761540 |
| | 1 | 8 | 230 | 15JS1S4-2W230 | 93761520 | 15JS1S4-3W230 | 93761545 |
| | 1.5 | 11 | 230 | 15JS15S4-2W230 | 93761525 | 15JS15S4-3W230 | 93761550 |
| 20 | 3/4 | 5 | 230 | 20JS07S4-2W230 | 93762015 | 20JS07S4-3W230 | 93762040 |
| | 1 | 7 | 230 | 20JS1S4-2W230 | 93762020 | 20JS1S4-3W230 | 93762045 |
| | 1.5 | 10 | 230 | 20JS15S4-2W230 | 93762025 | 20JS15S4-3W230 | 93762050 |
| 25 | 1 | 6 | 230 | 25JS1S4-2W230 | 93762520 | 25JS1S4-3W230 | 93762545 |
| | 1.5 | 8 | 230 | 25JS15S4-2W230 | 93762525 | 25JS15S4-3W230 | 93762550 |

Note: 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

Plastic Ordering Information:

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

| GPM | HP | STG | VOLTS | 2-WIRE | | 3-WIRE | |
|-----|-----|-----|-------|----------------|-----------|----------------|-----------|
| | | | | MODEL NO. | ORDER NO. | MODEL NO. | ORDER NO. |
| 5 | 1/2 | 8 | 115 | 5JS05P4-2W115 | 93740505 | 5JS05P4-3W115 | 93740530 |
| | 1/2 | 8 | 230 | 5JS05P4-2W230 | 93740510 | 5JS05P4-3W230 | 93740535 |
| | 3/4 | 12 | 230 | 5JS07P4-2W230 | 93740515 | 5JS07P4-3W230 | 93740540 |
| | 1 | 15 | 230 | 5JS1P4-2W230 | 93740520 | 5JS1P4-3W230 | 93740545 |
| | 1.5 | 21 | 230 | 5JS15P4-2W230 | 93740525 | 5JS15P4-3W230 | 93740550 |
| 7 | 1/2 | 7 | 115 | 7JS05P4-2W115 | 93740705 | 7JS05P4-3W115 | 93740730 |
| | 1/2 | 7 | 230 | 7JS05P4-2W230 | 93740710 | 7JS05P4-3W230 | 93740735 |
| | 3/4 | 10 | 230 | 7JS07P4-2W230 | 93740715 | 7JS07P4-3W230 | 93740740 |
| | 1 | 13 | 230 | 7JS1P4-2W230 | 93740720 | 7JS1P4-3W230 | 93740745 |
| | 1.5 | 18 | 230 | 7JS15P4-2W230 | 93740725 | 7JS15P4-3W230 | 93740750 |
| 10 | 1/2 | 6 | 115 | 10JS05P4-2W115 | 93741005 | 10JS05P4-3W115 | 93741030 |
| | 1/2 | 6 | 230 | 10JS05P4-2W230 | 93741010 | 10JS05P4-3W230 | 93741035 |
| | 3/4 | 8 | 230 | 10JS07P4-2W230 | 93741015 | 10JS07P4-3W230 | 93741040 |
| | 1 | 11 | 230 | 10JS1P4-2W230 | 93741020 | 10JS1P4-3W230 | 93741045 |
| | 1.5 | 15 | 230 | 10JS15P4-2W230 | 93741025 | 10JS15P4-3W230 | 93741050 |
| 15 | 1/2 | 4 | 115 | 15JS05P4-2W115 | 93741505 | 15JS05P4-3W115 | 93741530 |
| | 1/2 | 4 | 230 | 15JS05P4-2W230 | 93741510 | 15JS05P4-3W230 | 93741535 |
| | 3/4 | 6 | 230 | 15JS07P4-2W230 | 93741515 | 15JS07P4-3W230 | 93741540 |
| | 1 | 8 | 230 | 15JS1P4-2W230 | 93741520 | 15JS1P4-3W230 | 93741545 |
| | 1.5 | 11 | 230 | 15JS15P4-2W230 | 93741525 | 15JS15P4-3W230 | 93741550 |
| 20 | 3/4 | 5 | 230 | 20JS07P4-2W230 | 93742015 | 20JS07P4-3W230 | 93742040 |
| | 1 | 7 | 230 | 20JS1P4-2W230 | 93742020 | 20JS1P4-3W230 | 93742045 |
| | 1.5 | 10 | 230 | 20JS15P4-2W230 | 93742025 | 20JS15P4-3W230 | 93742050 |
| 25 | 1 | 6 | 230 | 25JS1P4-2W230 | 93742520 | 25JS1P4-3W230 | 93742545 |
| | 1.5 | 8 | 230 | 25JS15P4-2W230 | 93742525 | 25JS15P4-3W230 | 93742550 |

Note: 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

Pump End Assemblies Only Ordering Information: (See pgs. 2-3 for model number explanation)

| PLASTIC | | | | |
|---------|-----|-----|-------------|-----------|
| GPM | HP | STG | MODEL NO. | ORDER NO. |
| 5 | 1/2 | 8 | 5JS05P4-PE | 93750505 |
| | 3/4 | 12 | 5JS07P4-PE | 93750510 |
| | 1 | 15 | 5JS1P4-PE | 93750515 |
| | 1.5 | 21 | 5JS15P4-PE | 93750520 |
| 7 | 1/2 | 7 | 7JS05P4-PE | 93750705 |
| | 3/4 | 10 | 7JS07P4-PE | 93750710 |
| | 1 | 13 | 7JS1P4-PE | 93750715 |
| | 1.5 | 18 | 7JS15P4-PE | 93750720 |
| 10 | 1/2 | 6 | 10JS05P4-PE | 93751005 |
| | 3/4 | 8 | 10JS07P4-PE | 93751010 |
| | 1 | 11 | 10JS1P4-PE | 93751015 |
| | 1.5 | 15 | 10JS15P4-PE | 93751020 |
| 15 | 1/2 | 4 | 15JS05P4-PE | 93751505 |
| | 3/4 | 6 | 15JS07P4-PE | 93751510 |
| | 1 | 8 | 15JS1P4-PE | 93751515 |
| | 1.5 | 11 | 15JS15P4-PE | 93751520 |
| 20 | 3/4 | 5 | 20JS07P4-PE | 93752010 |
| | 1 | 7 | 20JS1P4-PE | 93752015 |
| | 1.5 | 10 | 20JS15P4-PE | 93752020 |
| 25 | 1 | 6 | 25JS1P4-PE | 93752515 |
| | 1.5 | 8 | 25JS15P4-PE | 93752520 |

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

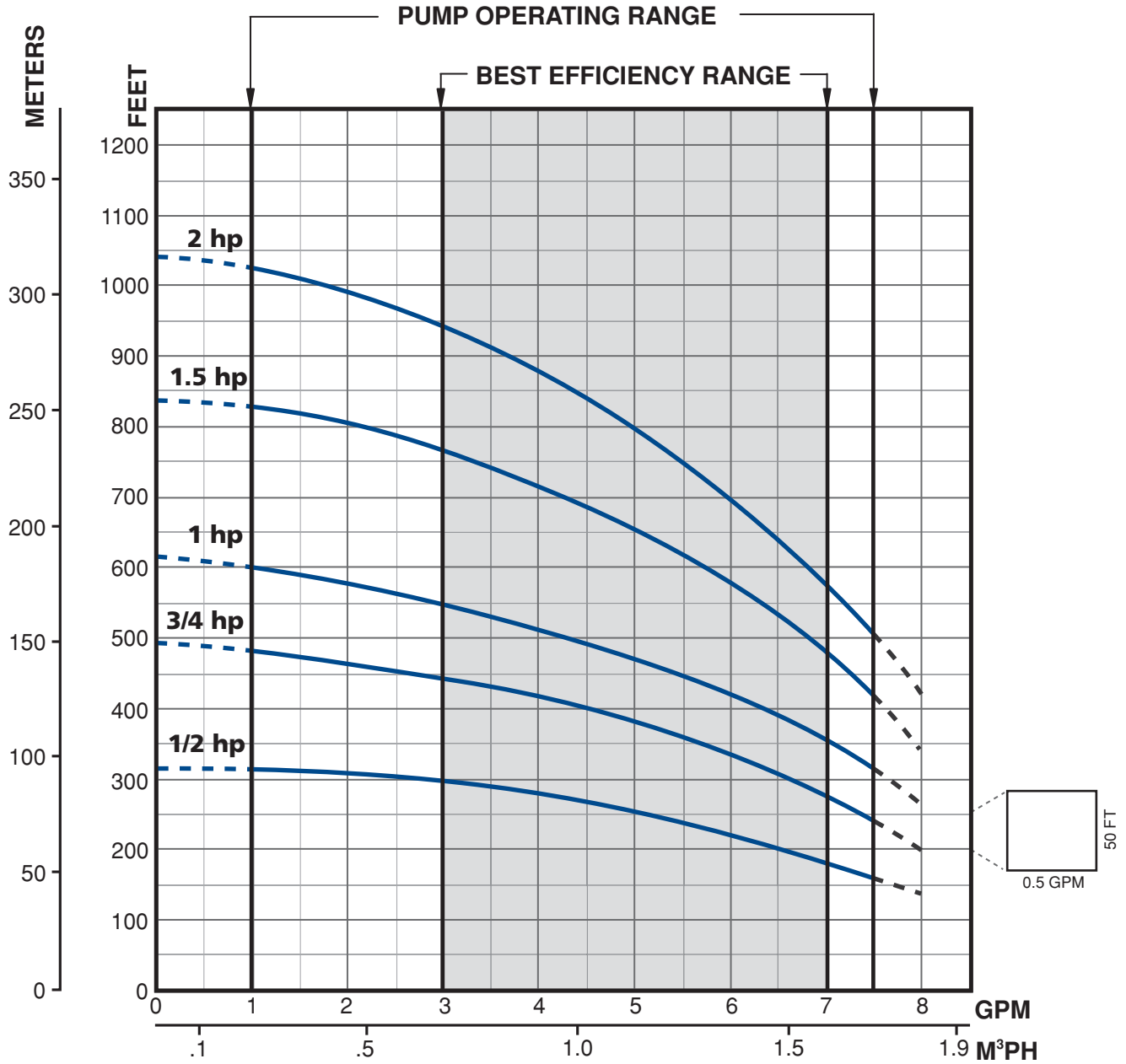
| STAINLESS STEEL | | | | |
|-----------------|-----|-------------|-------------|-----------|
| GPM | HP | STG | MODEL NO. | ORDER NO. |
| 5 | 1/2 | 8 | 5JS05S4-PE | 93770505 |
| | 3/4 | 12 | 5JS07S4-PE | 93770510 |
| | 1 | 15 | 5JS1S4-PE | 93770515 |
| | 1.5 | 21 | 5JS15S4-PE | 93770520 |
| | 2 | 26 | 5JS2S4-PE | 93770525 |
| 7 | 1/2 | 7 | 7JS05S4-PE | 93770705 |
| | 3/4 | 10 | 7JS07S4-PE | 93770710 |
| | 1 | 13 | 7JS1S4-PE | 93770715 |
| | 1.5 | 18 | 7JS15S4-PE | 93770720 |
| | 2 | 24 | 7JS2S4-PE | 93770725 |
| 10 | 3 | 32 | 7JS3S4-PE | 93770730 |
| | 1/2 | 6 | 10JS05S4-PE | 93771005 |
| | 3/4 | 8 | 10JS07S4-PE | 93771010 |
| | 1 | 11 | 10JS1S4-PE | 93771015 |
| | 1.5 | 15 | 10JS15S4-PE | 93771020 |
| 15 | 2 | 18 | 10JS2S4-PE | 93771025 |
| | 3 | 24 | 10JS3S4-PE | 93771030 |
| | 5 | 39 | 10JS5S4-PE | 93771035 |
| | 1/2 | 4 | 15JS05S4-PE | 93771505 |
| | 3/4 | 6 | 15JS07S4-PE | 93771510 |
| 20 | 1 | 8 | 15JS1S4-PE | 93771515 |
| | 1.5 | 11 | 15JS15S4-PE | 93771520 |
| | 2 | 14 | 15JS2S4-PE | 93771525 |
| | 3 | 19 | 15JS3S4-PE | 93771530 |
| | 5 | 31 | 15JS5S4-PE | 93771535 |
| 25 | 3/4 | 5 | 20JS07S4-PE | 93772010 |
| | 1 | 7 | 20JS1S4-PE | 93772015 |
| | 1.5 | 10 | 20JS15S4-PE | 93772020 |
| | 2 | 12 | 20JS2S4-PE | 93772025 |
| | 3 | 16 | 20JS3S4-PE | 93772030 |
| | 5 | 26 | 20JS5S4-PE | 93772035 |
| | 7.5 | 39 | 20JS7S4-PE | 93772040 |
| 10 | 52 | 20JS10S4-PE | 93772045 | |
| 25 | 1 | 6 | 25JS1S4-PE | 93772515 |
| | 1.5 | 8 | 25JS15S4-PE | 93772520 |
| | 2 | 10 | 25JS2S4-PE | 93772525 |
| | 3 | 14 | 25JS3S4-PE | 93772530 |
| | 5 | 23 | 25JS5S4-PE | 93772535 |
| | 7.5 | 35 | 25JS7S4-PE | 93772540 |
| 10 | 44 | 25JS10S4-PE | 93772545 | |

Note: 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



Submersible Pumps

4" TRI-SEAL Pumps 5 gpm Performance

Capacities in U.S. Gallons per Minute:

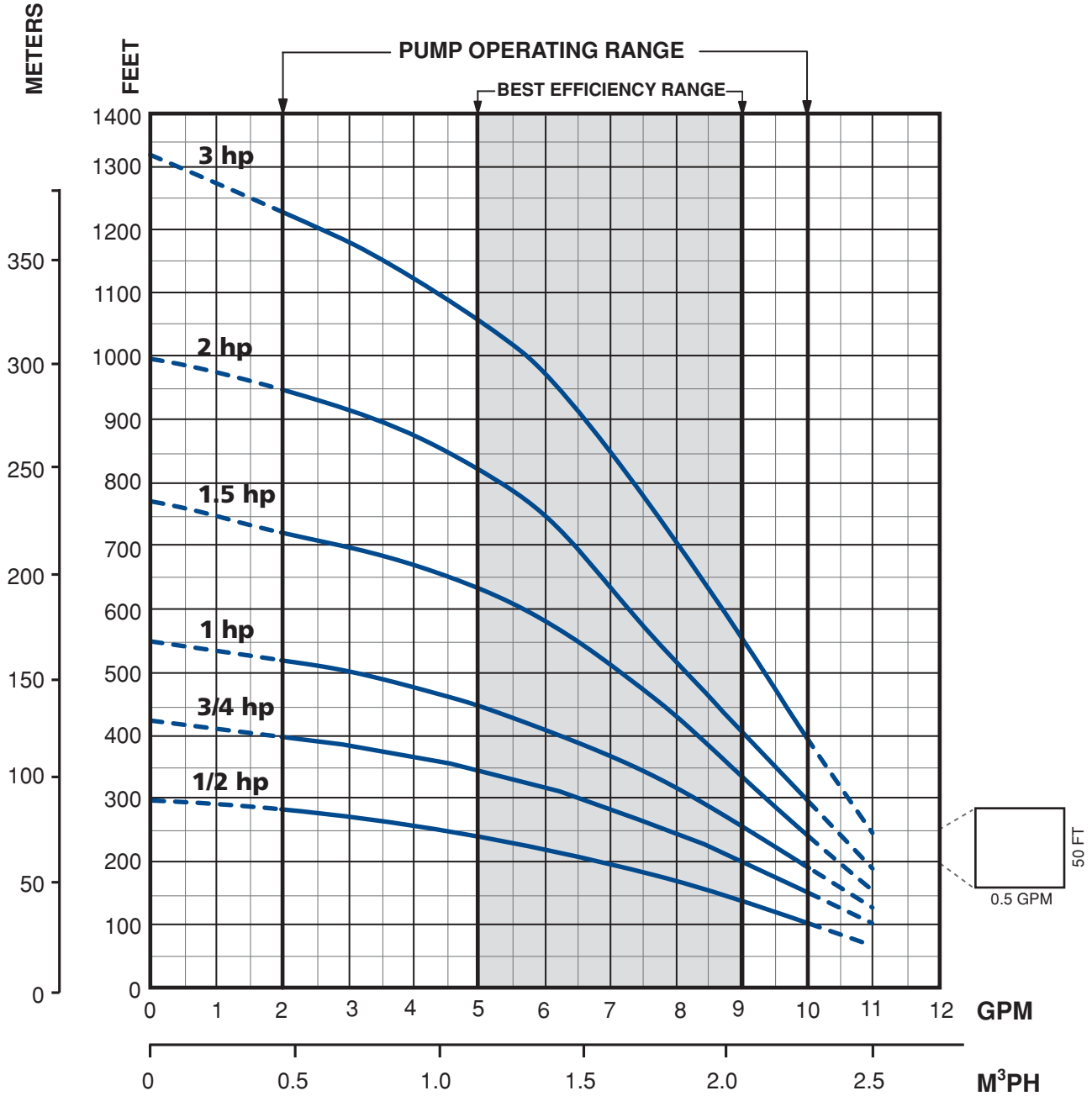
| HP | PSI | DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET. | | | | | | | | | | | | | | | | | | | | | | | |
|-----|--------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|-----------------|
| | | 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 | 6 | 6 | 5 | 5 | 4 | 3 | | | | | | | | | | | | | | |
| | 50 | | 7 | 6 | 6 | 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 | 6 | 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 | 6 | 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 | 6 | 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 | 6 | 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 | 93 | 75 | 58 | 49 | | | | | | |
| 1.5 | 0 | | | | | | | | | | | | | | 7 | 7 | 7 | 6 | 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 | 6 | 6 | 6 | 5 | 4 | 2 | | | |
| | 50 | | | | | | | | | | | | | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 3 | | | | |
| | 60 | | | | | | | | | | | | | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 3 | | | | |
| | 80 | | | | | | | | | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 4 | 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 | 6 | 5 | 4 | | 3 |
| | 80 | | | | | | | | | | | | 7 | 7 | 7 | 7 | 6 | 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



Submersible Pumps

4" TRI-SEAL Pumps 7 gpm Performance

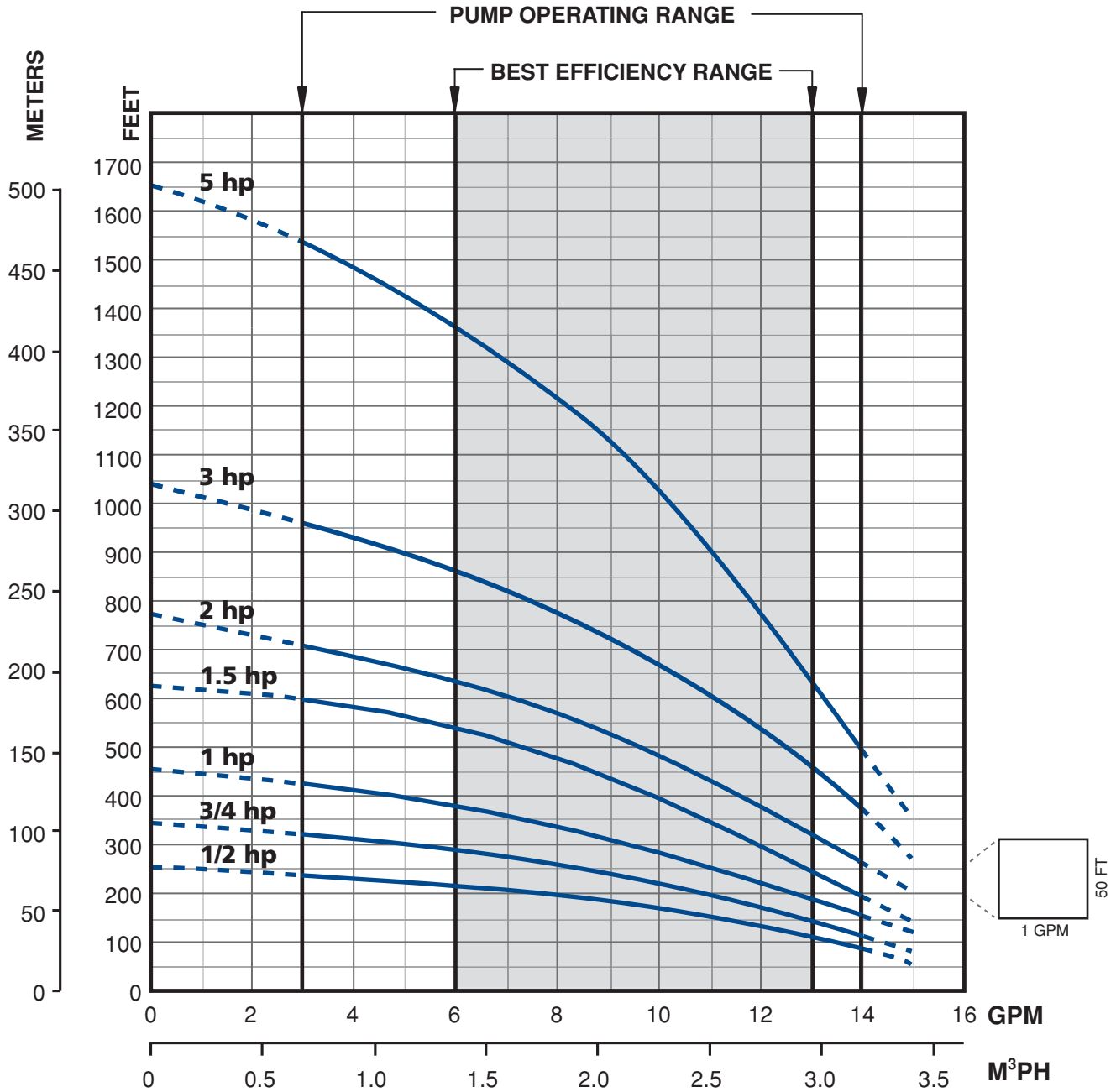
Capacities in U.S. Gallons per Minute:

| 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 | 6 | 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 | 6 | 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 | 8 | 8 | 7 | 6 | 5 | 3 | 3 | | | | | | | Shut-off 544 ft | |
| | 20 | | | | | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 6 | 5 | 4 | | | | | | | | | |
| | 30 | | | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 6 | 5 | 4 | | | | | | | | | | |
| | 40 | | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 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 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 4 | | | | | | |
| | 30 | | | | 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 | 8 | 8 | 8 | 7 | 6 | 6 | 5 | 4 | | | | | | | | | |
| | 80 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 8 | 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 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 6 | 5 | 3 | | Shut-off 995 ft | |
| | 20 | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 4 | | | | |
| | 30 | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 6 | 5 | 4 | | | |
| | 40 | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 7 | 7 | 6 | 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 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 7 | 7 | 7 | 7 | 6 | 4 | | | | | |
| | 80 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 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 | | | |
| 3 | 0 | | | | | | | | | 10 | 10 | 10 | 10 | 9 | 8 | | | | | | | | | Shut-off 1310 ft | | |
| | 20 | | 10 | 9 | 9 | 8 | 7 | 7 | 6 | 5 | 4 | 2 | | | | | | | | | | | | | | |
| | 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 | 6 | 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 | 264 | 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.

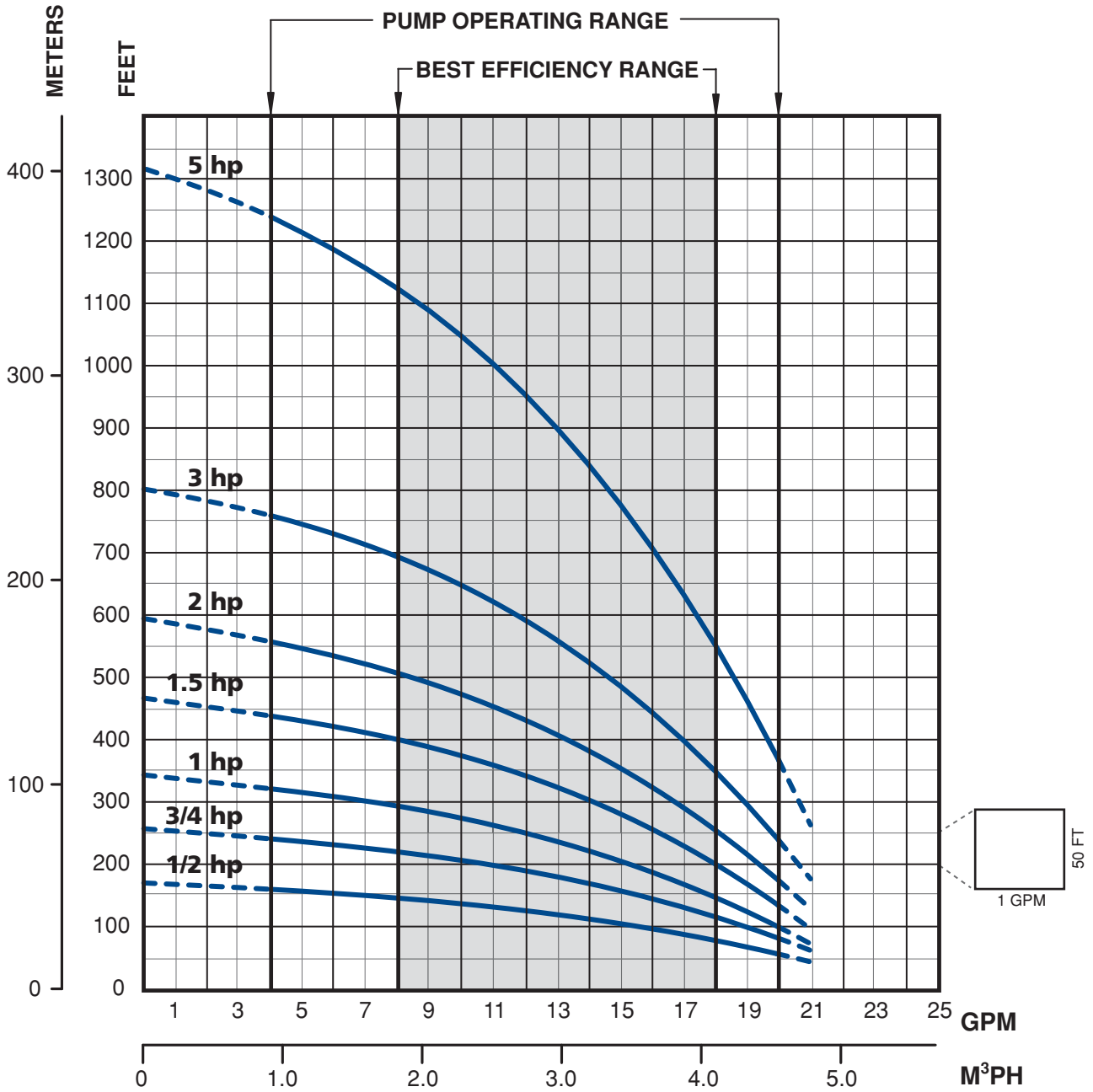
Submersible Pumps

4" TRI-SEAL Pumps 10 gpm Performance



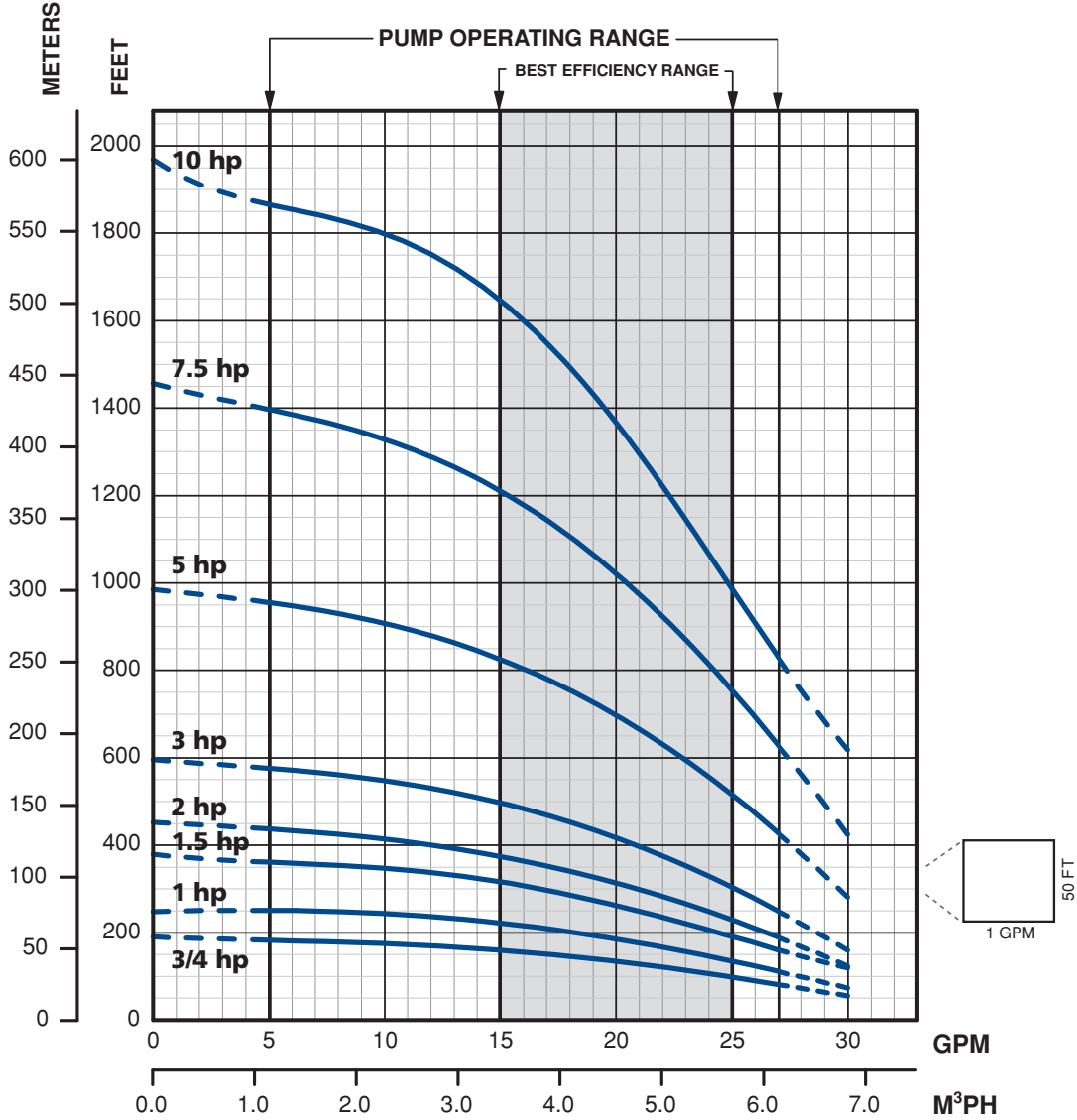
Submersible Pumps

4" TRI-SEAL Pumps 15 gpm Performance



Submersible Pumps

4" TRI-SEAL Pumps 20 gpm Performance

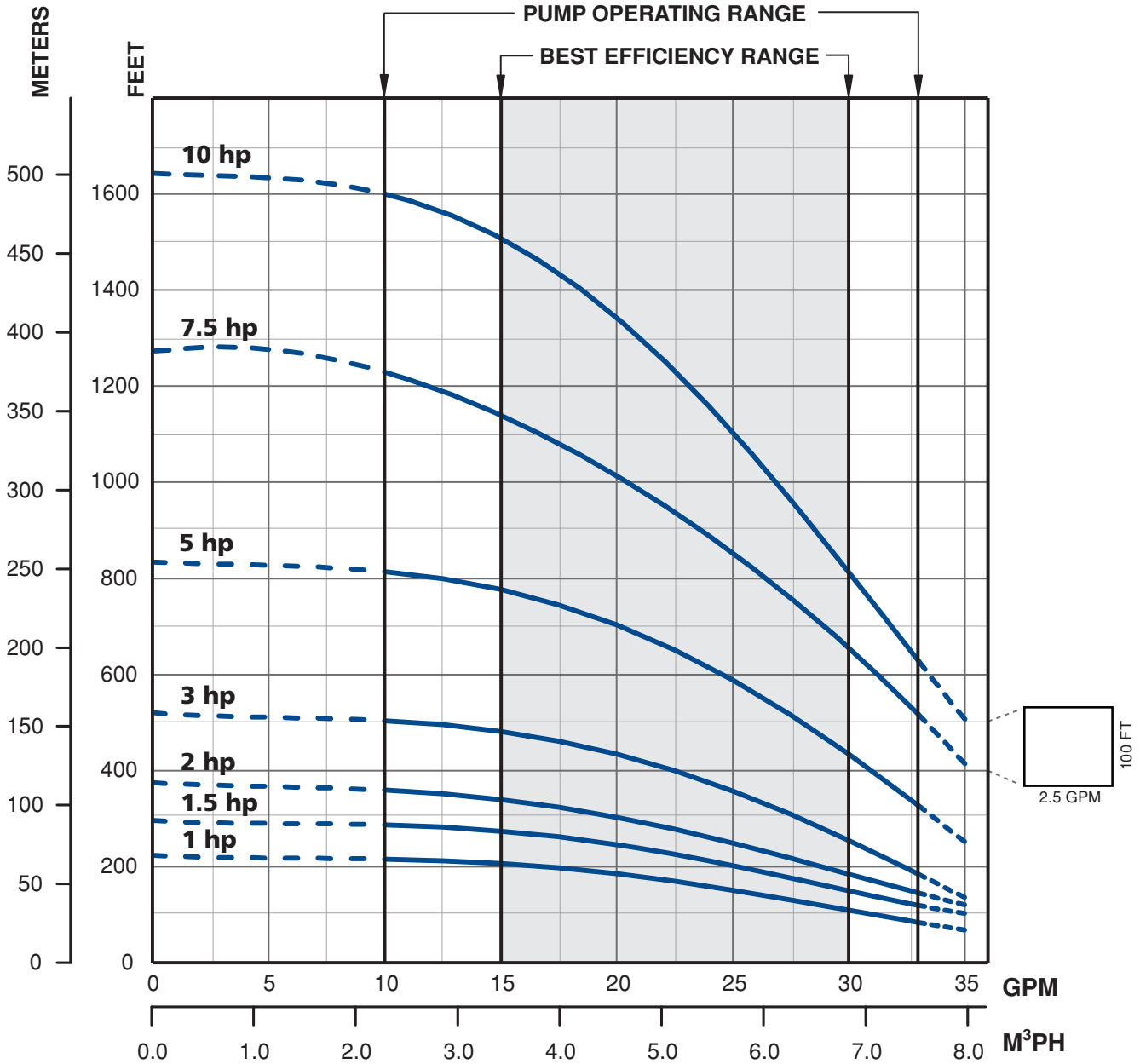


Capacities in U.S. Gallons per Minute:

| HP | PSI | DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET. | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-----|---|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|------|-----------------|
| | | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 240 | 260 | 300 | 360 | 400 | 440 | 480 | 500 | | 600 | 700 | 800 | 900 | 1000 | |
| 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 | | | | | | | | | | | | | | | | | Shut-off 190 ft |

Submersible Pumps

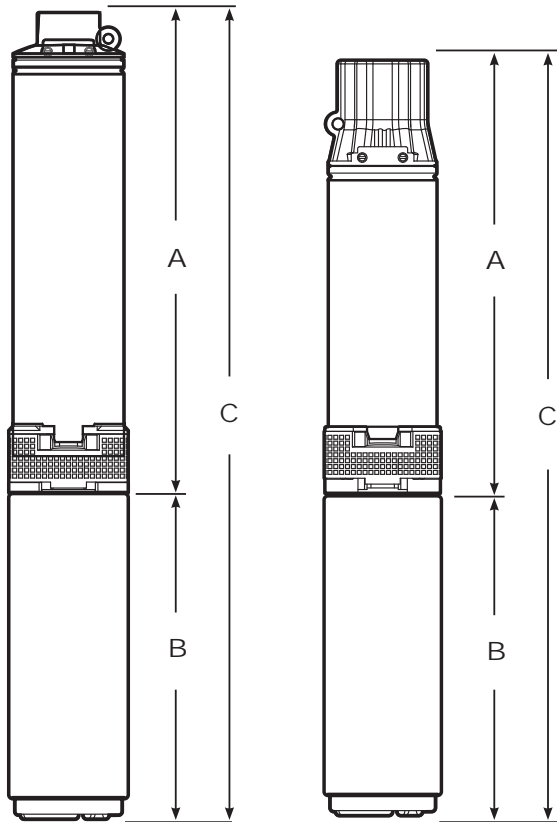
4" TRI-SEAL Pumps 25 gpm Performance



Submersible Pumps

4" TRI-SEAL Pumps

Dimensions



Notes: All lengths are in inches
 All weights are in pounds
 Maximum diameter with cable guard is 3.90"
 PE - Pump end only
 PMA - Pump and motor assembly

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 |

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 |

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 |

Notes: All lengths are in inches
 All weights are in pounds
 Maximum diameter with cable guard is 3.90"
 PE - Pump end only
 PMA - Pump and motor assembly