

# Environmental Submersible Pumps

## **Grundfos 7S Enviro Retrofitted Submersible Pumps**

These Grundfos submersible pumps are made of stainless steel and retrofitted with PTFE to handle the rigors of contaminated groundwater pumping and continuous operation in remediation applications. Built to deliver optimum efficiency during periods of high demand, all Grundfos pumps provide low, long-term operating costs and high operating reliability regardless of the application.

Grundfos Enviro retrofitted submersibles meet government guidelines for environmental equipment and have been proven through extensive use in the field.

### FEATURES

- **Made For 4" (10 cm) and Larger Wells**  
Flow rates of 3 to 10 GPM (11 to 37.8 LPM).
- **State-of-the-art Hydraulics**  
Pump efficiency is maximized by constant improvement of the high-performance hydraulic design, and precise manufacturing process.
- **Manufactured With High-grade Stainless Steel**  
Rugged stainless steel construction inside and out resists corrosion and attack from aggressive liquids.
- **Wear-resistant Design**  
Designed to flush abrasive particles from the pump, and made from stainless steel to resist wear caused by abrasives.
- **Built-in Check Valve**  
Prevents back-flow into the well once the pump is shut down.
- **User Friendly Cable Guard For Easy Installation**
- **1/2 to 1½ HP Motors**  
Stainless steel construction and quality design.
- **Motor Controls and Protection**  
Available controls to protect the motor against burnout and dry-running, plus the ability to monitor the system allowing the user to optimize settings.

### OPERATION

Typical clean-up operations include water table depression techniques to isolate and remove dissolved contaminants.

With correct placement of the recovery well and proper sizing of the depression pump, the water table is depressed to stop and reverse the movement of the contamination plume. Once isolated, the contaminant is removed for treatment, re-use, or proper disposal.



**GRUNDFOS** 

*Geotech is a Certified  
Grundfos Master Distributor*

**CALL GEOTECH TODAY (800) 833-7958**

**Geotech Environmental Equipment, Inc.**

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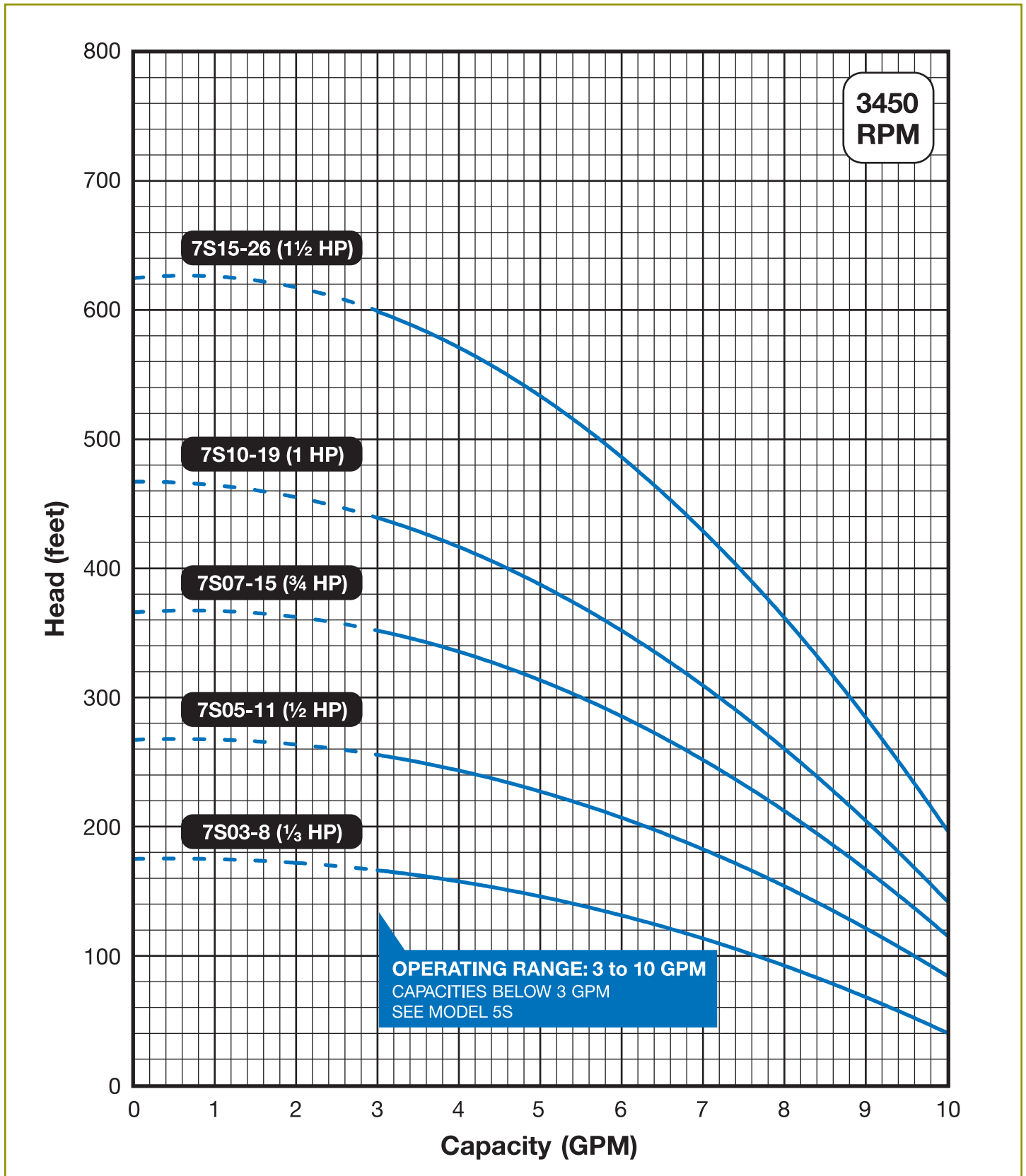
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FLOW RANGE: 3 - 10 GPM

OUTLET SIZE: 1" NPT

NOMINAL DIA. 4"



Specifications subject to change without notice.  
4" motor standard, 3450 RPM.  
Performance conforms to ISO 2548 Annex B @ 2 ft. minimum submergence.

**DIMENSIONS & WEIGHTS**

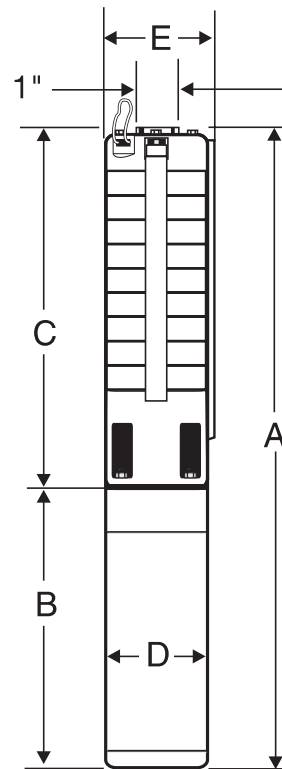
Model No.	HP	Motor Size		Discharge Size	Dimensions										Approximate Shipping Wt.	
		In.	CM		A		B		C		D		E		Lbs.	Kg
7S03-8	1/2	4	10	1" NPT	21.5	54.6	8.8	22.4	12.7	32.3	3.8	9.7	3.9	9.9	27	12.2
7S05-11	1/2	4	10	1" NPT	24.7	62.7	9.5	24.1	15.2	38.6	3.8	9.7	3.9	9.9	30	13.6
7S07-15	3/4	4	10	1" NPT	29.2	74.2	10.7	27.2	18.5	47.0	3.8	9.7	3.9	9.9	33	15.0
7S10-19	1	4	10	1" NPT	33.6	85.3	11.8	30.0	21.8	55.4	3.8	9.7	3.9	9.9	36	16.3
7S15-26	1 1/2	4	10	1" NPT	41.2	104.6	13.6	34.5	27.6	70.1	3.8	9.7	3.9	9.9	46	20.9

NOTES: All models suitable for use in 4" (10 cm) wells.  
Weights include pump end with motor in lbs.

**MATERIALS OF CONSTRUCTION**

COMPONENT	SPLINE SHAFT
Check Valve Housing	304 Stainless Steel
Check Valve	304 Stainless Steel
Diffuser Chamber	304 Stainless Steel
Impeller	304 Stainless Steel
Suction Interconnector	304 Stainless Steel
Inlet Screen	304 Stainless Steel
Pump Shaft	304 Stainless Steel
Straps	304 Stainless Steel
Cable Guard	304 Stainless Steel
Priming Inducer	304 Stainless Steel
Coupling	329/420/431 Stainless Steel
Check Valve Seat	NBR/304 Stainless Steel
Top Bearing	PTFE/304 Stainless Steel
Impeller Seal Ring	PTFE
Intermediate Bearings	PTFE

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Valox® is a registered trademark of General Electric Co.



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