

Environmental Submersible Pumps

Grundfos 300S 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.

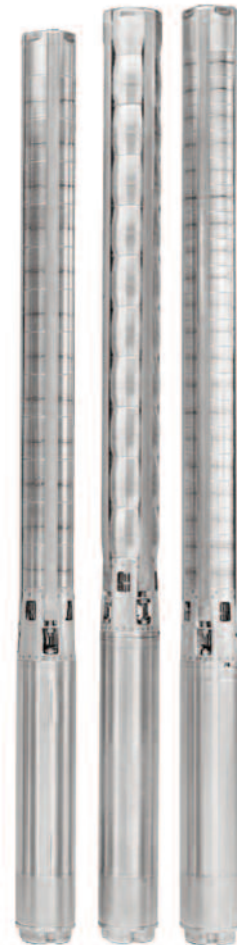
FEATURES

- **Made For 6" (15 cm) and Larger Wells**
Flow rates of 60 to 410 GPM (227.1 to 1,552 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**
- **3 to 75 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 

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Grundfos Master Distributor*

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Geotech Environmental Equipment, Inc.

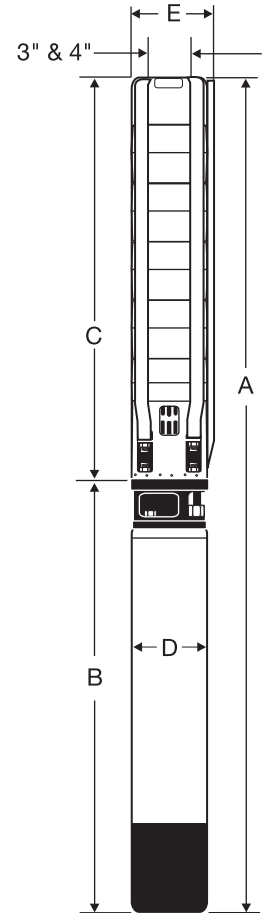
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DIMENSIONS & WEIGHTS

Model No.	HP	Motor Size		Discharge Size	Dimensions										Approximate Shipping Wt.	
		In.	CM		A		B		C		D		E		Lbs.	Kg
					In.	CM	In.	CM	In.	CM	In.	CM	In.	CM		
300S30-1B	3	4	10	3" NPT	38.1	96.8	23.6	59.9	14.5	36.8	3.8	9.7	5.7	14.5	65	29.5
300S50-1	5	4	10	3" NPT	44.1	112.0	29.6	75.2	14.5	36.8	3.8	9.7	5.7	14.5	82	37.2
300S50-2BB	5	4	10	3" NPT	49.1	124.7	29.6	75.2	19.5	49.5	3.8	9.7	5.7	14.5	87	39.5
300S75-2*	7½	4	10	3" NPT	43.5	110.5	24	61.0	19.5	49.5	3.8	9.7	5.7	14.5	113	51.3
300S75-2	7½	6	15	3" NPT	49.1	124.7	29.6	75.2	19.5	49.5	5.4	13.7	5.7	14.5	104	47.2
300S100-3A	10	4	10	3" NPT	67.8	172.2	43.9	111.5	23.9	60.7	3.8	9.7	5.7	14.5	154	69.9
300S100-3A	10	6	15	3" NPT	49.3	125.2	25.4	64.5	23.9	60.7	5.4	13.7	5.7	14.5	130	59.0
300S150-3	15	6	15	3" NPT	51.9	131.8	28	71.1	23.9	60.7	5.4	13.7	5.7	14.5	146	66.2
300S150-4AA	15	6	15	3" NPT	56.4	143.3	28	71.1	28.4	72.1	5.4	13.7	5.7	14.5	161	73.0
300S150-4AA	15	6	15	3" NPT	56.4	143.3	28	71.1	28.4	72.1	5.4	13.7	5.7	14.5	161	73.0
300S200-5AA	20	6	15	3" NPT	63.4	161.0	30.6	77.7	32.8	83.3	5.4	13.7	5.7	14.5	172	78.0
300S200-5	20	6	15	3" NPT	63.4	161.0	30.6	77.7	32.8	83.3	5.4	13.7	5.7	14.5	172	78.0
300S200-6B	20	6	15	3" NPT	67.9	172.5	30.6	77.7	37.3	94.7	5.4	13.7	5.7	14.5	177	80.3
300S250-6	25	6	15	3" NPT	70.4	178.8	33.1	84.1	37.3	94.7	5.4	13.7	5.7	14.5	192	87.1
300S250-7AA	25	6	15	3" NPT	74.8	190.0	33.1	84.1	41.7	105.9	5.4	13.7	5.7	14.5	201	91.2
300S300-7	30	6	15	4" NPT	74.8	190.0	33.1	84.1	41.7	105.9	5.4	13.7	5.7	14.5	220	99.8
300S300-8	30	6	15	4" NPT	81.9	208.0	35.7	90.7	46.2	117.3	5.4	13.7	5.7	14.5	241	109.3
300S300-9B	30	6	15	4" NPT	81.9	208.0	35.7	90.7	46.2	117.3	5.4	13.7	5.7	14.5	246	111.6
300S400-9*	40	6	15	4" NPT	91.4	232.2	40.8	103.6	50.6	128.5	5.4	13.7	5.7	14.5	281	127.5
300S400-10*	40	6	15	4" NPT	95.9	243.6	40.8	103.6	55.1	140.0	5.4	13.7	5.7	14.5	286	129.7
300S500-11*	50	6	15	4" NPT	117.3	297.9	57.8	146.8	59.5	151.1	5.4	13.7	5.7	14.5	292	132.4
300S500-12*	50	6	15	4" NPT	116.8	296.7	57.8	146.8	63.9	162.3	5.4	13.7	5.7	14.5	396	179.6
300S500-13*	50	6	15	4" NPT	126.2	320.5	57.8	146.8	68.4	173.7	5.4	13.7	5.7	14.5	402	182.3
300S600-14*	60	6	15	4" NPT	135.3	343.7	61.3	155.7	74	188.0	5.4	13.7	7.1	18.0	447	202.8
300S600-15*	60	8	20	4" NPT	120.3	305.6	41.8	106.2	78.5	199.4	7.5	19.1	7.1	18.0	484	219.5
300S750-16	75	8	20	4" NPT	130.3	331.0	47.4	120.4	82.9	210.6	7.5	19.1	7.1	18.0	540	244.9
300S750-17	75	8	20	4" NPT	134.8	342.4	47.4	120.4	87.4	222.0	7.5	19.1	7.1	18.0	544	246.8
300S750-18	75	8	20	4" NPT	139.2	353.6	47.4	120.4	91.8	233.2	7.5	19.1	7.1	18.0	626	283.9



NOTES: Models 2-15 Stgs. are suitable for use in 6" (15 cm) wells, 16-18 Stgs. are suitable for use in 8" (20 cm) wells.

Weights include pump end with motor in lbs.

* Alternate motor sizes available.

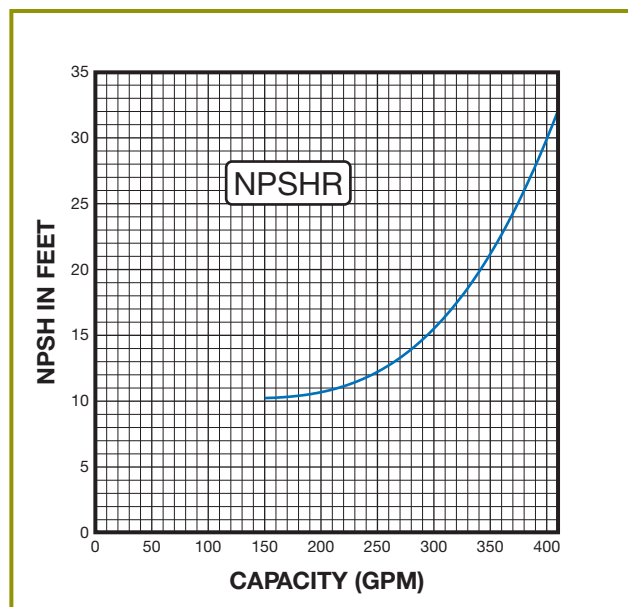
MATERIALS OF CONSTRUCTION

COMPONENT	CYLINDRICAL SHAFT (2-18 Stgs.)
Check Valve Housing	304 Stainless Steel
Check Valve	304 Stainless Steel
Diffuser Chamber	304 Stainless Steel
Split Cone Nut	304 Stainless Steel
Split Cone	304 Stainless Steel
Impeller	304 Stainless Steel
Suction Interconnector	304 Stainless Steel
Inlet Screen	304 Stainless Steel
Straps	304 Stainless Steel
Cable Guard	304 Stainless Steel
Coupling	316/329 Stainless Steel**
Pump Shaft	431 Stainless Steel
Intermediate Bearings	PTFE
Impeller Seal Ring	PTFE/304 Stainless Steel
Check Valve Seat	NBR/316 Stainless Steel
Top/Lower Bearing	PTFE/316 Stainless Steel
8" Motor Adaptor Plate	304 Stainless Steel
Upthrust Washer	Carbon/Graphite HY22
Upthrust Stop Ring	304 S.S./Tungsten Carbide

NOTES: Specifications are subject to change without notice.

*Stainless Steel options available.

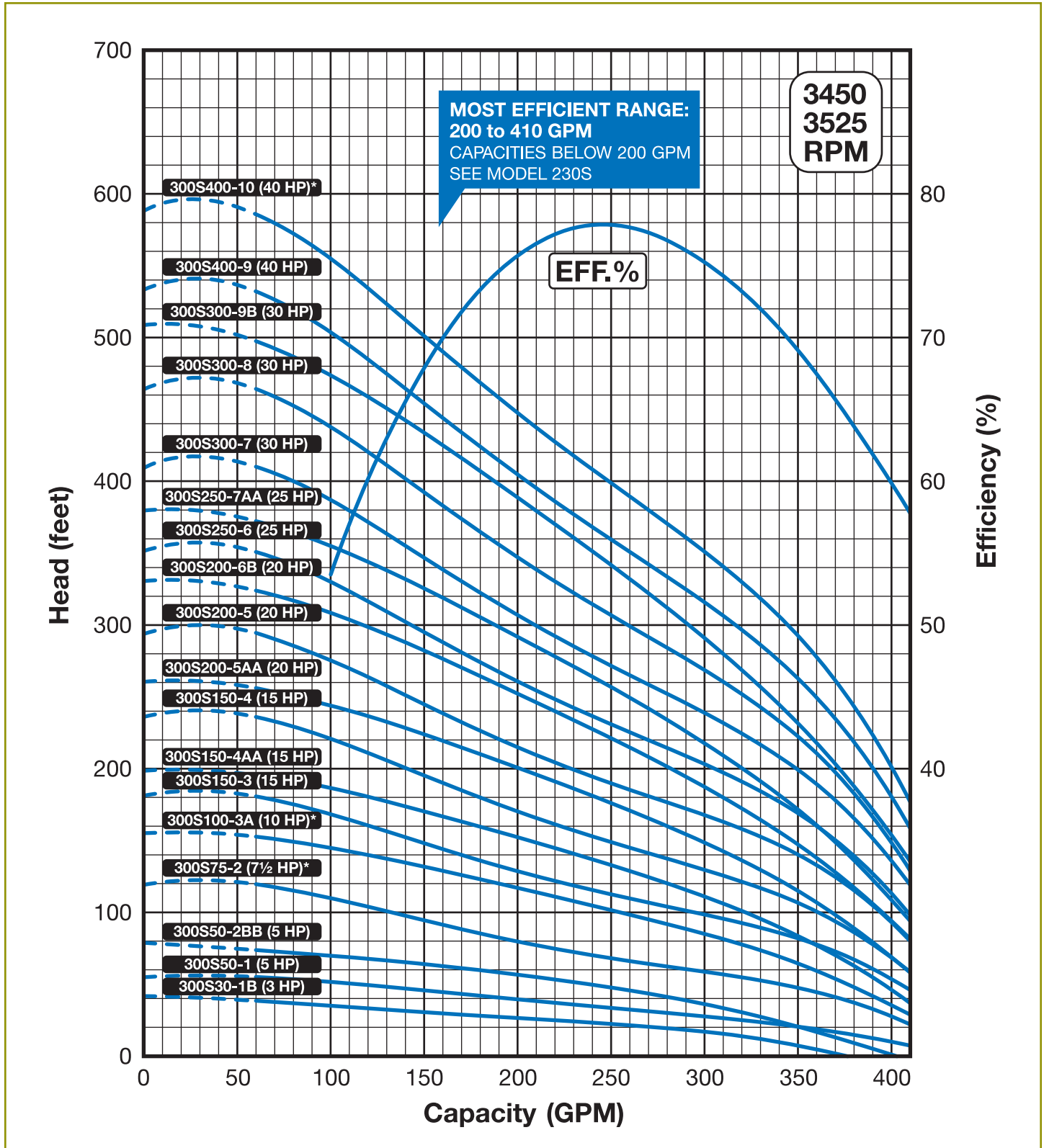
** 4" Coupling made of 316 Stainless Steel.



FLOW RANGE: 60 - 410 GPM

OUTLET SIZE: 3" & 4" NPT

NOMINAL DIA. 6"



Specifications subject to change without notice.

4" motor standard, 7.5 HP/3450 RPM.

6" motor standard, 15-60 HP/3450 RPM.

8" motor standard, 75 HP/3525 RPM.

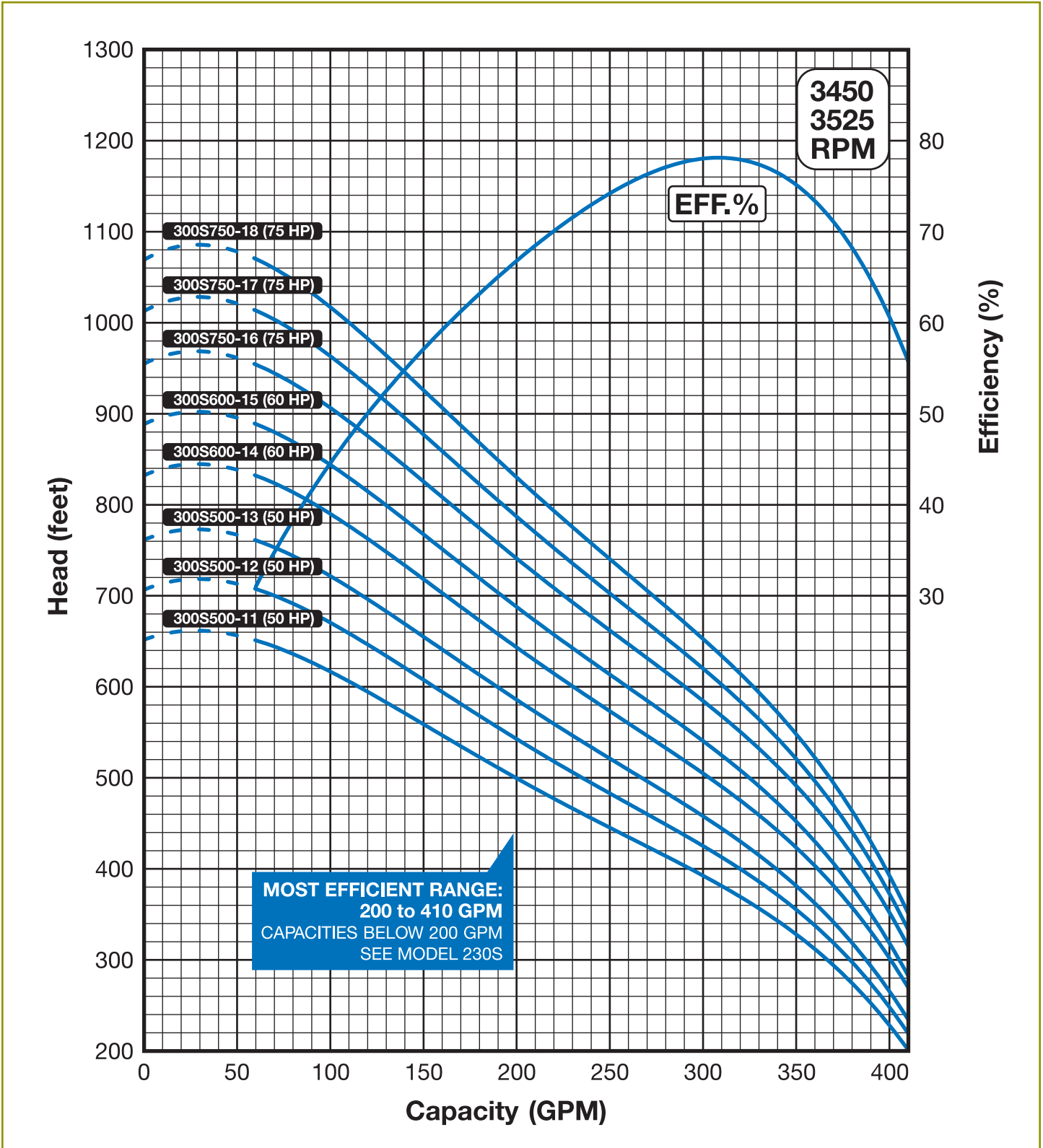
* 3" NPT 2-6 Stages, 4" NPT 7-18 Stages.

Performance conforms to ISO 9906 Annex A @ 8 ft. minimum submergence.

FLOW RANGE: 60 - 410 GPM

OUTLET SIZE: 3" & 4" NPT

NOMINAL DIA. 6"



Specifications subject to change without notice.

4" motor standard, 7.5 HP/3450 RPM.

6" motor standard, 15-60 HP/3450 RPM.

8" motor standard, 75 HP/3525 RPM.

* 3" NPT 2-6 Stages, 4" NPT 7-18 Stages.

Performance conforms to ISO 9906 Annex A @ 8 ft. minimum submergence.