

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 20 to 320 GPM (76 to 1,211 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**
- **2 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



GRUNDFOS 

*Geotech is a Certified
Grundfos Master Distributor*

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.

APPLICATIONS

- Groundwater remediation and pump-and-treat systems
- Dissolved-phase contaminant recovery
- Water table depression and plume control
- High-volume total fluids recovery
- Long-term continuous remediation pumping

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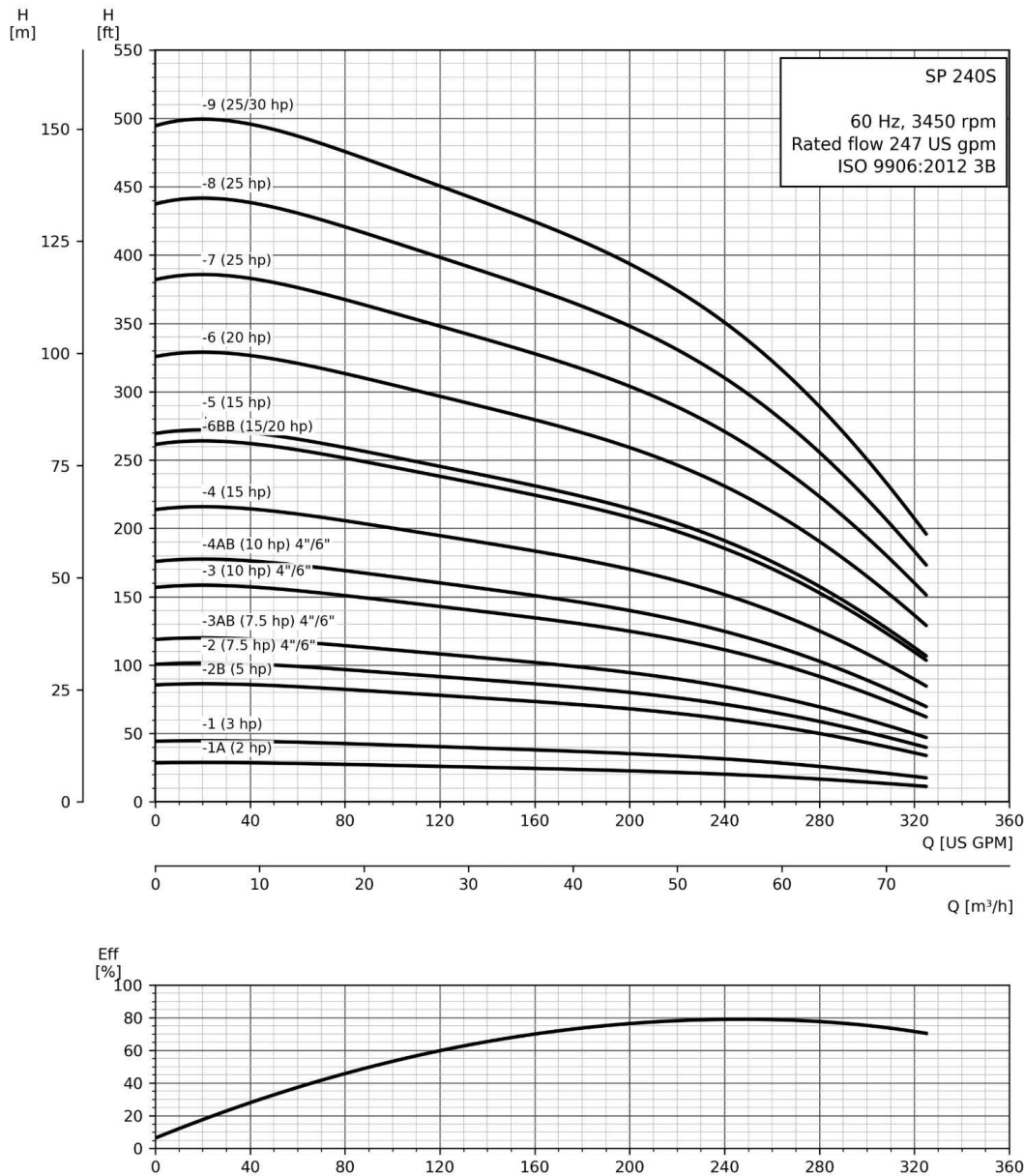
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Performance Curves — Sheet 1 of 2: 1 to 9 Stages

Specifications are subject to change without notice. Published values read from Grundfos Product Center, September 2026.

Made For 6" (15 cm) and Larger Wells
SP 240S (247 gpm)



Sizes after the hp are MOTOR diameters. Grundfos minimum borehole: 5.91 in on a 4" motor (there the pump end is the widest part), 6.10 in on a 6" motor, 7.87 in on an 8" motor. Every build on this sheet fits a 6" well.

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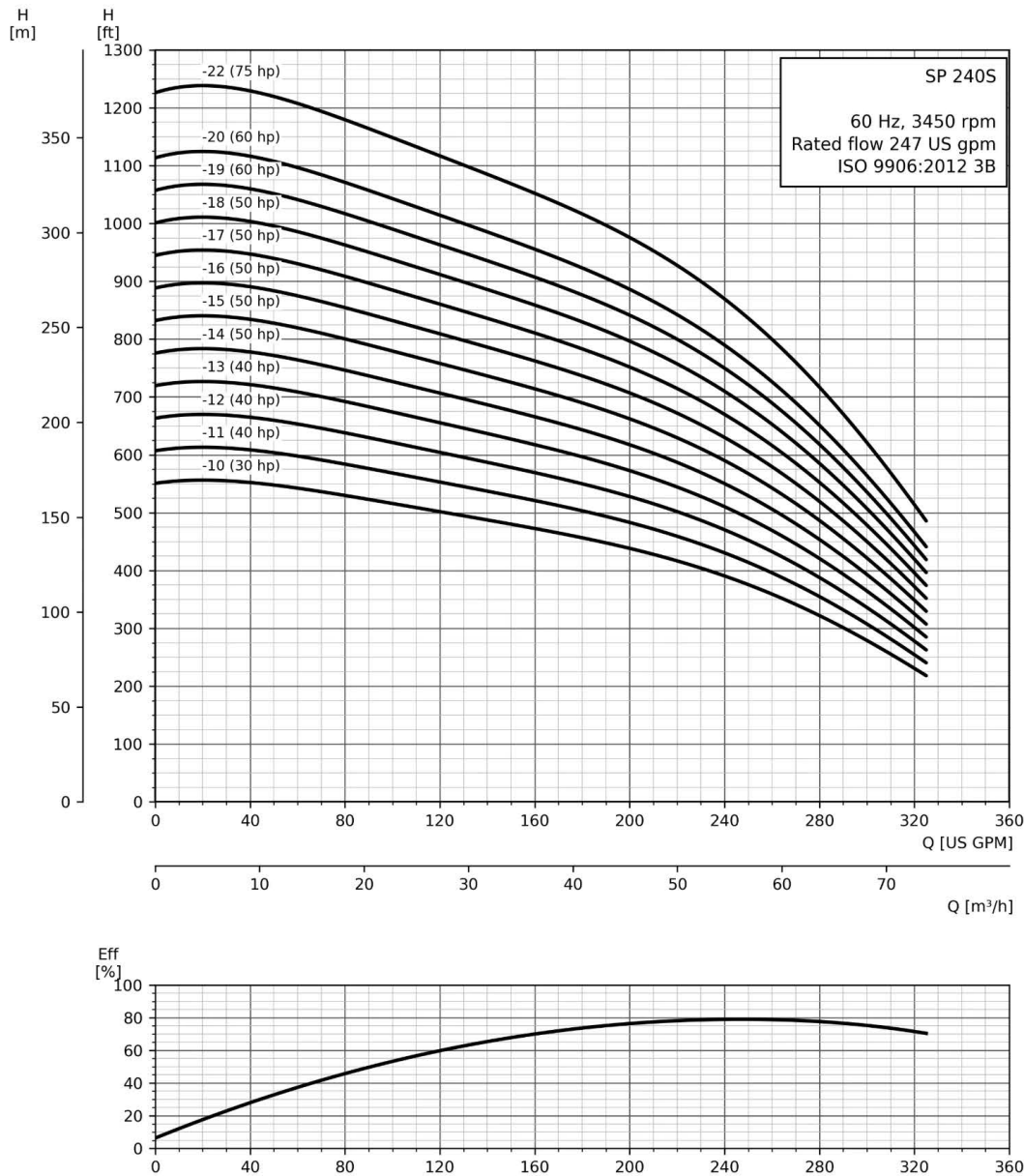
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Performance Curves — Sheet 2 of 2: 10 to 22 Stages

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SP 240S (247 gpm)



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Technical Specifications

Rated Flow	247 US gpm — identical on every 240S model
Flow Range	20 to 320 GPM (76 to 1,211 LPM)
Pump Speed	3450 rpm, 60 Hz
Rated Head	19.7 ft (1 stage) to 846.5 ft (22 stages) at 247 US gpm
Peak Efficiency	~79% at ~250 gpm (from the 240S250-8 curve)
Max Operating Pressure	870 psi
Curve Tolerance	ISO 9906:2012 3B
Connection	3 in NPT(F); 4 in NPT(M) on 600-20 and 750-22
Minimum Borehole	5.91 in on a 4" motor (the pump end is the widest part there) 6.10 in on a 6" motor 7.87 in on an 8" motor
Motor	2 to 75 HP, 3-phase, 230 / 460 / 575 V, in 4" (10 cm), 6" (15 cm) and 8" (20 cm) frames
Stages	1 to 22, depending on model
Configurations	32 model configurations from 240S 20-1A to 240S 750-22
Materials of Construction	304 / 316 / 329 stainless steel components, PTFE bearings and seal rings, 431 stainless steel pump shaft

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Materials of Construction

Component	Cylindrical Shaft (1-22 Stgs.)	Component	Cylindrical Shaft (1-22 Stgs.)	Component	Cylindrical Shaft (1-22 Stgs.)
Check Valve Housing	304 Stainless-Steel	Upthrust Stop Washer	304 Stainless-Steel	Top Bearing	PTFE/304 Stainless-Steel
Check Valve		8" Motor Adapter Plate		Upthrust Disc	Carbon/Graphite
Diffuser Chamber		Cable Guard		Sleeve *	316 Stainless-Steel
Split Cone Nut		Priming Inducer		Notes: Specifications are subject to change without notice. *Required for 29-39 stage models. ** 4" Coupling made of 316 Stainless Steel	
Split Cone		Sleeve Flange			
Impeller		Coupling	316/329 Stainless-Steel **		
Suction Interconnector		Pump Shaft	431 Stainless-Steel		
Inlet Screen		Intermediate Bearings	PTFE		
Seal Ring Support Plate		Impeller Seal Ring			
Straps		Check Valve Seat	NBR/316 Stainless-Steel		

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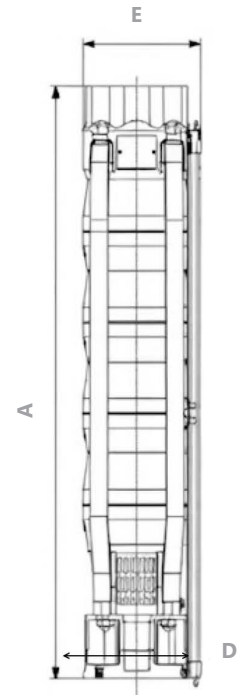
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Dimensions & Weights

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Pump Model	Nom-head (ft)	Stages	Motor				Dimensions										Min borehole (in)	Net Weight
			Ph	Volts (V)	HP	RPM	A		B		C		D		E			
							in	mm	in	mm	in	mm	in	mm	in	mm		
240S 20-1A	19.7	1	3 *	230 / 460	2	3450	35.8	910	17.5	445	18.3	465	4	102	5.28	134	5.91	20
240S 30-1	29.5	1	3	230 / 460	3	3450	39.4	1000	19.3	490	20.1	510	4	102	5.28	134	5.91	20
240S 50-2B	59.1	2	3	230 / 460	5	3450	46.9	1192	22.8	578	24.1	614	4	102	5.28	134	5.91	25
240S 75-2 (4")	68.9	2	3	230 / 460	7.5	3450	50.4	1280	26.3	668	24.1	612	4	102	5.28	134	5.91	25
240S 75-2 (6")	68.9	2	3	230 / 460 / 575	7.5	3450	56.4	1432	26.3	668	30.1	764	6	152	5.75	146	6.1	28
240S 75-3AB (4")	82	3	3	230 / 460	7.5	3450	59.8	1520	29.7	754	30.1	766	4	102	5.28	134	5.91	31
240S 75-3AB (6")	82	3	3	230 / 460 / 575	7.5	3450	65.8	1672	29.7	754	36.1	918	6	152	5.75	146	6.1	33
240S 100-3 (4")	108.3	3	3	230 / 460	10	3450	53.9	1370	26.3	668	27.6	702	4	102	5.28	134	5.91	31
240S 100-3 (6")	108.3	3	3	230 / 460 / 575	10	3450	59.9	1522	26.3	668	33.6	854	6	152	5.75	146	6.1	33
240S 100-4AB (4")	121.4	4	3	230 / 460	10	3450	63.3	1610	29.7	754	33.6	856	4	102	5.28	134	5.91	36
240S 100-4AB (6")	121.4	4	3	230 / 460 / 575	10	3450	69.3	1762	29.7	754	39.6	1008	6	152	5.75	146	6.1	38
240S 150-4	147.6	4	3	460 / 575	15	3450	73	1854	31.8	808	41.2	1046	6	152	5.75	146	6.1	38
240S 150-5	183.7	5	3	460 / 575	15	3450	79.9	2030	31.8	808	48.1	1222	6	152	5.75	146	6.1	43
240S 200-6	223.1	6	3	460 / 575	20	3450	89.2	2266	35.8	910	53.4	1356	6	152	5.75	146	6.1	49
240S 250-7	262.5	7	3	460 / 575	25	3450	98.5	2502	39.8	1010	58.7	1492	6	152	5.75	146	6.1	58
240S 250-8	301.9	8	3	460 / 575	25	3450	104.9	2664	39.8	1010	65.1	1654	6	152	5.75	146	6.1	63
240S 250-9	341.2	9	3	460 / 575	25	3450	111.2	2826	39.8	1010	71.4	1816	6	152	5.75	146	6.1	70
240S 300-10	380.6	10	3	460 / 575	30	3450	118.5	3010	42.4	1078	76.1	1932	6	152	5.75	146	6.1	121
240S 400-11	416.7	11	3	460 / 575	40	3450	131.2	3332	49.3	1252	81.9	2080	6	152	5.75	146	6.1	126
240S 400-12	456.1	12	3	460 / 575	40	3450	137.6	3494	49.3	1252	88.3	2242	6	152	5.75	146	6.1	87
240S 400-13	495.4	13	3	460 / 575	40	3450	143.9	3656	49.3	1252	94.6	2404	6	152	5.75	146	6.1	92
240S 500-14	534.8	14	3	460 / 575	50	3450	154.5	3924	55.1	1400	99.4	2524	6	152	5.75	146	6.1	97
240S 500-15	574.2	15	3	460 / 575	50	3450	160.8	4086	55.1	1400	105.7	2686	6	152	5.75	146	6.1	166
240S 500-16	613.5	16	3	460 / 575	50	3450	167.2	4248	55.1	1400	112.1	2848	6	152	5.75	146	6.1	171
240S 500-17 (6")	652.9	17	3	460 / 575	50	3450	173.5	4410	55.1	1400	118.4	3010	6	152	5.75	146	6.1	179
240S 500-17 (8")	652.9	17	3	460 / 575	50	3450	175.2	4450	56.8	1443	118.4	3010	8	203	6.38	162	7.87	206
240S 500-18 (6")	689	18	3	460 / 575	50	3450	179.9	4572	55.1	1400	124.8	3172	6	152	5.75	146	6.1	184
240S 500-18 (8")	689	18	3	460 / 575	50	3450	181.6	4612	56.8	1443	124.8	3172	8	203	6.38	162	7.87	211
240S 600-19 (6")	728.4	19	3	460 / 575	60	3450	188.7	4792	58	1474	130.7	3318	6	152	5.75	146	6.1	189
240S 600-19 (8")	728.4	19	3	460 / 575	60	3450	190.4	4836	59.7	1518	130.7	3318	8	203	6.38	162	7.87	217
240S 600-20	767.8	20	3	460 / 575	60	3450	196.75	4998	59.7	1518	137	3480	8	203	6.38	162	7.87	317
240S 750-22	846.5	22	3	460 / 575	75	3450	213.6	5426	65.7	1668	147.9	3758	8	203	6.38	162	7.87	310



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