

The GeoFlo 3-Series isn't just an electric submersible pump. It's a complete pumping system that easily integrates with controls, fluid level and flow sensors, telemetry and much more. This all-inclusive approach by Geotech ensures you have everything you need for an efficient and reliable pumping solution.

The GeoFlo 3 is Geotech's 3-inch diameter electric submersible pump system, specifically designed for applications requiring a flow rate from 5 to 30 gallons per minute and depths up to 800 feet.

Whether your task involves managing clean water, tackling challenges associated with hydrocarbon remediation, or leachate level management, the GeoFlo 3 is equipped to handle it. With its unmatched versatility and impressive durability, this system sets a new standard in submersible pumping technology across diverse water-based environments.

The GeoFlo 3-Series of pumps are fully integrated pumping systems that offer more features, more control, and ultimately, more value.

FEATURES

- **Smart Motor Technology:** Integrated variable speed motor that can adjust according to the water demand.
- **High Efficiency:** High hydraulic efficiency results in lower energy consumption, reducing utility costs over time.
- **Compact Design:** Easy to install in narrow wells or tanks.
- **Built-in Protection:** Dry-run protection, over- and under-voltage protection, overload protection, and over-temperature protection.
- **Soft Start:** Reduce the risk of water hammer, prolonging system life and minimizing wear on pump components.
- **Durable Construction:** Stainless steel components and tungsten carbide/ceramic bearings for maximum durability
- **Easy Monitoring and Control:** With the addition of a control unit, pressure transducer, and telemetry system, you can easily monitor the performance of your pump.

Note: The exact specifications may vary based on the specific model of the pump and integrated options.



Materials of Construction

Pump	AISI 304 Stainless Steel
Impeller	Heat Stabilized Composite Nylon Resin
Motor	AISI 304 Stainless Steel
Motor Lead Options	Jacketed FEP, Jacketed Santoprene
Motor Lead Lengths	25FT Increments
Optional Controls	CU300, Optional Telemetry

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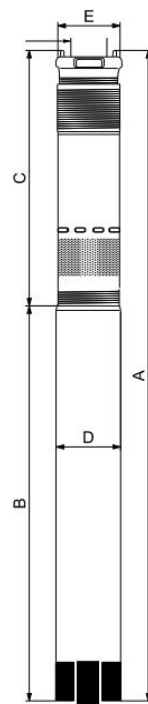
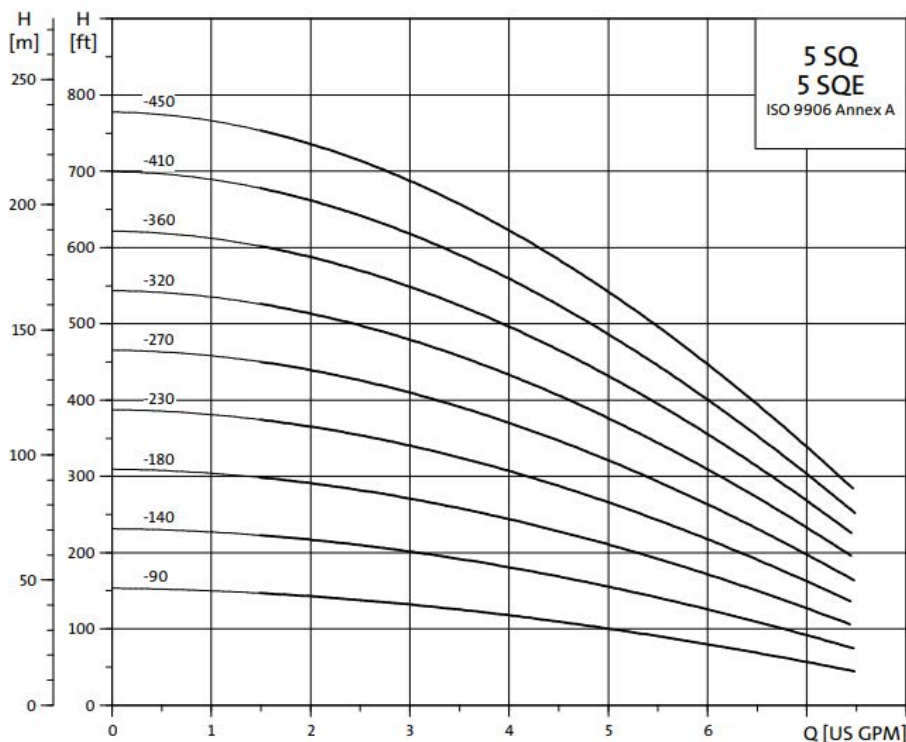
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GeoFlo 3 5S Technical Specifications

Model	5S90	5S140	5S180	5S230	5S270	5S320	5S360	5S410	5S450
Pump Fluid Outlet	1" NPT								
Minimum Borehole Diameter	2.99" ID								
Pump Length (A)	30.4"		31.5"		33.6"		34.6"		39.3"
Motor Length (B)	19.8"						21.3"		
Pump End Length (C)	10.6"		11.6"		13.7"		14.8"		18"
Motor Diameter (D)	2.6"								
Pump Max OD (E)	2.9"								
Stages	2	3	4	5	6	7	8	9	10
Liquid Temp. Range	32° F - 95° F								
Non-Return Valve	Built-In								
Motor Speed	10700 RPM								
Pump HP	.5			.75			1		1.5
Frequency	60 Hz								
Voltage (V)	115/230				230				
Full Load Amps	115V at 4.2 230V at 2.1	115V at 6.0 230V at 2.9	115V at 7.7 240V at 3.7	4.6	5.3	6.2	7.2	8.1	9.2
Overload Amps	115V at 11/ 230V at 5			8			11		12
Motor Protection	Yes								
Thermal Protection	Yes								
Approx. Shipment Weight (lbs)	12			13			16		

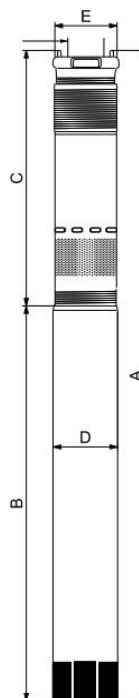
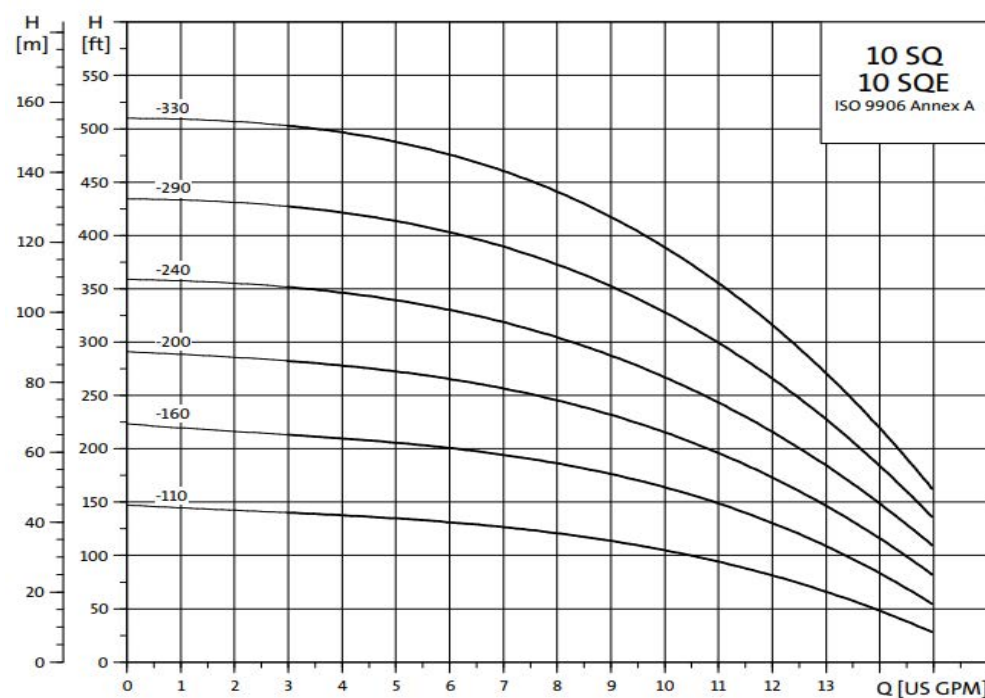


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GeoFlo 3 10S Technical Specifications

Model	10S110	10S160	10S200	10S240	10S290	10S330
Pump Fluid Outlet	1.25" NPT		1.25" NPT			
Minimum Borehole Diameter	2.99" ID					
Pump Length (A)	30.4"		31.5"	33.6"	35.0"	36.14"
Motor Length (B)	19.8"				21.3"	
Pump End Length (C)	10.6"		11.6"	13.7"		14.8"
Motor Diameter (D)	2.6"					
Max Pump OD (E)	2.9"					
Stages	2	3	4	5	6	7
Liquid Temp. Range	32° F - 95° F					
Max. Operating Pressure (PSI)	217					
Non-Return Valve	Built - In					
Motor Speed	10700 RPM					
Pump HP	.5		.75		1	1.5
Frequency	60 Hz					
Voltage (V)	115/230			230		
Full Load Amps	115V at 6.1/ 230V at 2.9	115V at 8.6/ 230V at 4.1	5.3	6	7.7	8.9
Overload Amps	115V at 11/ 230V at 5	115V at 11/ 230V at 8	8		11	12
Motor Protection	Yes					
Thermal Protection	Yes					
Approx. Shipment Weight (lbs)	12		13		16	



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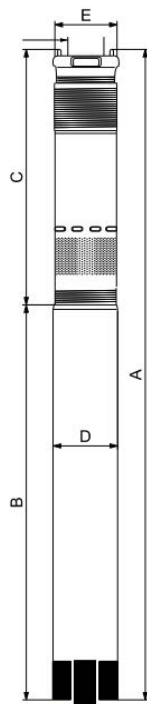
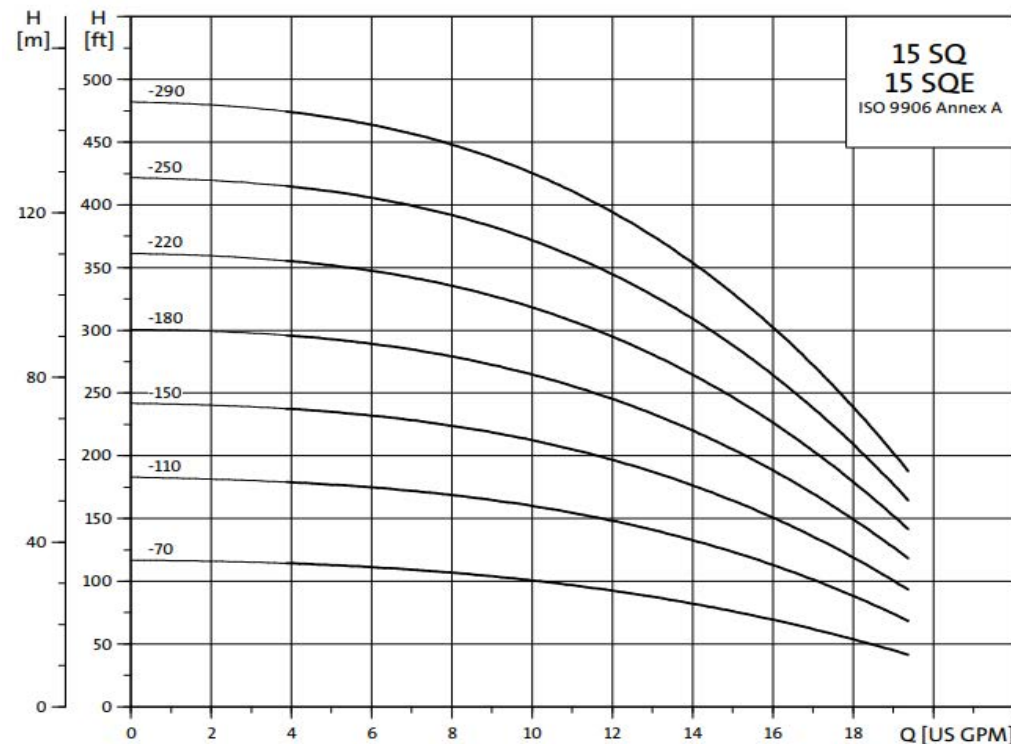
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GeoFlo 3 15S Technical Specifications

Model	15S70	15S110	15S150	15S180	15S220	15S250	15S290
Pump Fluid Outlet	1.25" NPT						
Minimum Borehole Diameter	2.99" ID						
Pump Length (A)	30.4"	31.5"	33.6"	35.0"	36.1"	38.2"	
Motor Length (B)	19.8"				21.3"		
Pump End Length (C)	10.6"	11.6"	13.7"		14.8"	16.9"	
Motor Diameter (D)	2.6"						
Max Pump OD (E)	2.9"						
Stages	2	3	4	5	6	7	8
Liquid Temp. Range	32° F - 95° F						
Non-Return Valve	Built - In						
Motor Speed	10700 RPM						
Pump HP	.5	.75		1		1.5	
Frequency	60 Hz						
Voltage (V)	115/230	115/230	230				
Full Load Amps	115V at 6.0/ 230V at 2.9	115V at 8.3/ 230V at 4.0	5.1	6.2	7.4	8.4	9.7
Overload Amps	115V at 11/ 230V at 5		8		11		12
Motor Protection	Yes						
Thermal Protection	Yes						
Approx. Ship Weight (lbs)	12		13		16		

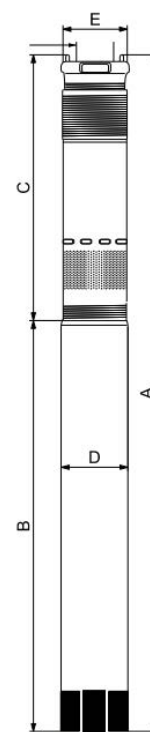
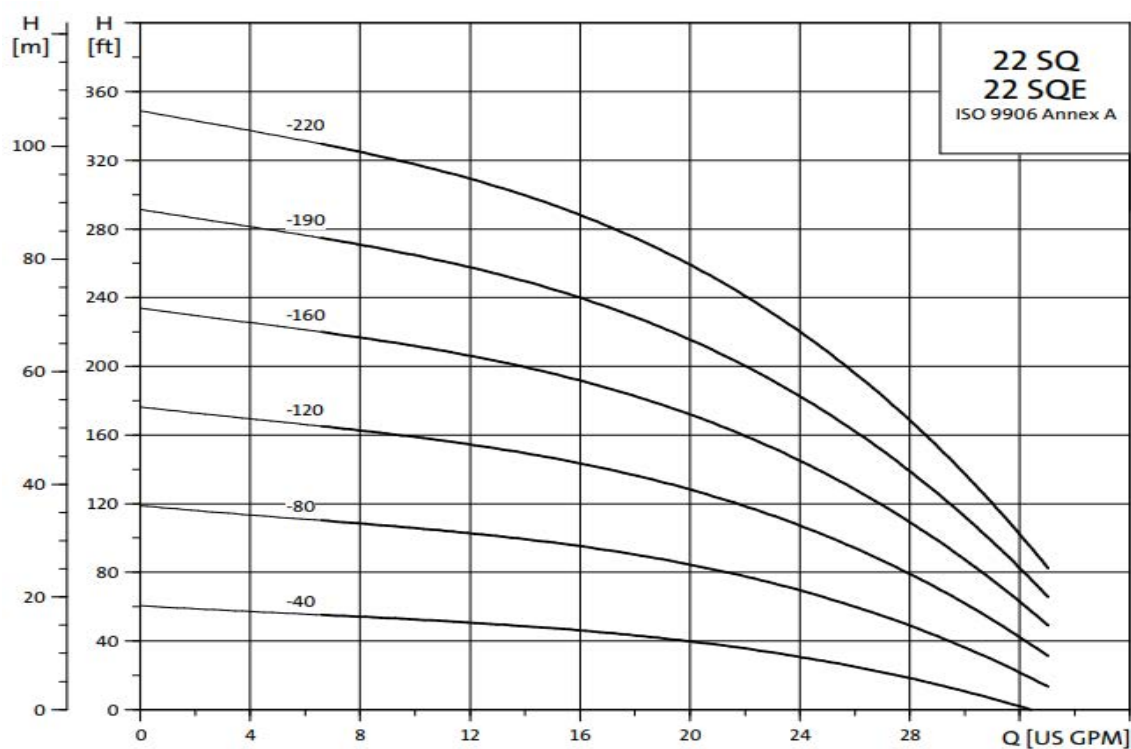


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GeoFlo 3 22S Technical Specifications

Model	22S40	22S80	22S120	22S160	22S190	22S220
Pump Fluid Outlet	1.5" NPT					
Minimum Borehole Diameter	2.99" ID					
Pump Length (A)	30.4"		31.5"	33.6"		38.2"
Motor Length (B)	19.8"					21.3"
Pump End Length (C)	10.6"		11.6"	13.7"		16.9"
Motor Diameter (D)	2.6"					
Max Pump OD (E)	2.9"					
Stages	1	2	3	4	5	6
Liquid Temp. Range	32° F - 95° F					
Non-Return Valve	Built - In					
Motor Speed	10700 RPM					
Pump HP	.5		.75		1	1.5
Frequency	60 Hz					
Voltage (V)	115/230			230		
Full Load Amps	115V at 3.9/ 230V at 1.9	115V at 7.2/ 230V at 3.4	4.9	6.4	7.9	9.5
Overload Amps	5		8		11	
Built in Motor Protection	Yes					
Thermal Protection	Yes					
Approx. Shipping Weight (lbs)	12		13		16	



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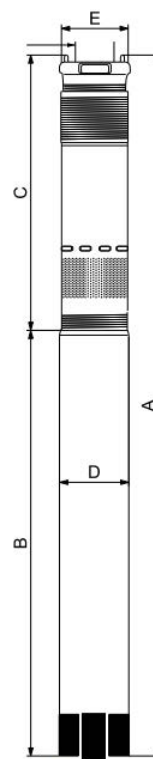
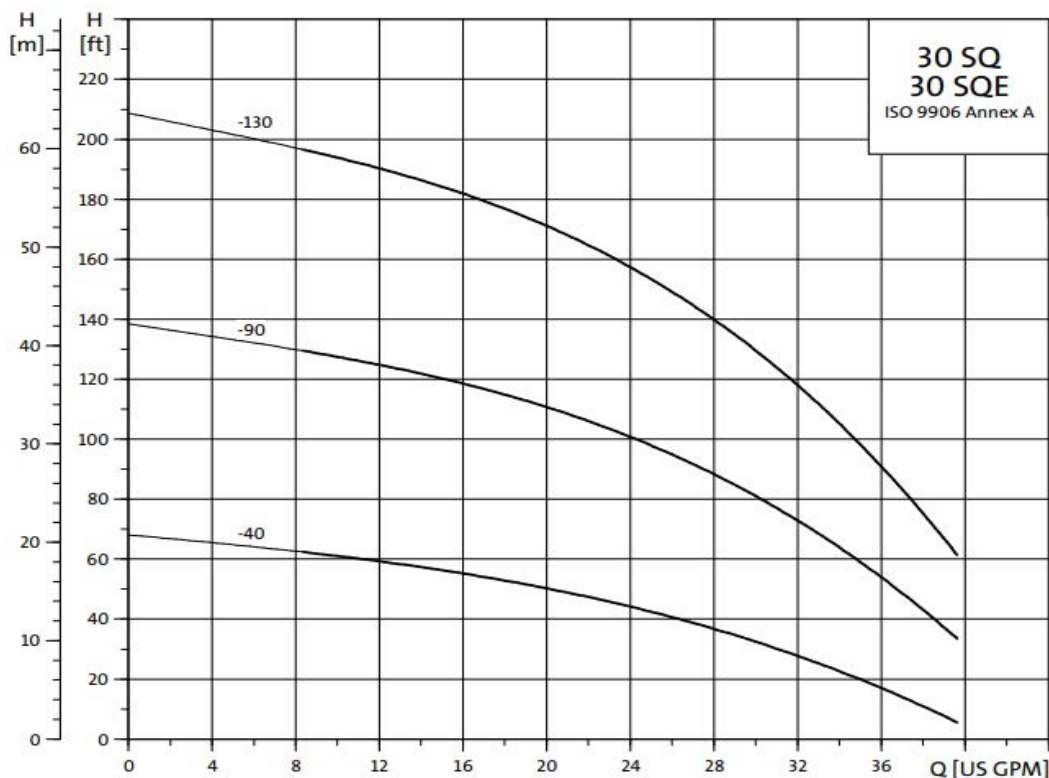
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GeoFlo 3 30S Technical Specifications

Model	30S40	30S90	30S130
Pump Fluid Outlet	1.5" NPT		
Minimum Borehole Diameter	2.99" ID		
Stages	1	2	3
Pump Length (A)	30.4"		35.0"
Motor Length (B)	19.8"		21.3"
Pump End Length (C)	10.6"		13.7"
Motor Diameter (D)	2.6"		
Max Pump OD (E)	2.9"		
Liquid Temp. Range	32° F - 95° F		
Non-Return Valve	Built - In		
Motor Speed	10700 RPM		
Pump HP	.5	.75	1
Frequency	60 Hz		
Voltage (V)	115/230	230	
Full Load Amps	115V at 5.7/230V at 2.8	5.2	7.6
Overload Amps	5	8	11
Built in Motor Protection	Yes		
Thermal Protection	Yes		
Approx. Shipment Weight (lbs)	12	13	



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