



TECHNICAL BROCHURE

B6-16HSZ R2

6HSZ, 8HSZ, 11HSZ, 16HSZ

1.35-3.5 M³/H .37-1.1 KW, 50 HZ SUBMERSIBLE PUMPS



Goulds Water Technology

50 Hz Residential Water Systems

FEATURES

Powered by Goulds Water Technology 4" motors for dependable operation and long service life.

Nylon discharge head features built-in, o-ring seal check valve which is easily removed without pump disassembly.

Nylon motor adapter for strength and corrosion resistance.

Stainless steel hex design shafts, shaft couplings, casings and stage bowls inhibit corrosion.

Glass filled engineered composite impellers for abrasion resistance and durability.

Glass filled engineered composite diffusers are abrasion resistant.

All engineered composite components are non-toxic, non-leaching, FDA compliant materials.

Goulds Water Technology field proven floating impeller stack design for superior sand and abrasive handling and durability.

QUAD LOCK TECHNOLOGY

4 roll formed grooves provides one of the strongest connection available

Provides the durability and sealing needed in the toughest conditions

Tensile strength tested to exceed strength of poly and PVC Pipe

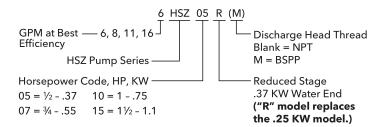




SPECIFICATIONS

Model	KW Range	Rec. Flow Range m³/h	Best Eff. m³/h	1¼ Discharge	Minimum Well Diameter	Rotation	
6HSZ	.3775	.3-2	1.35		4"	CCW when observed from	
8HSZ	.3775	.5-2.7	1.8	NPT or			
11HSZ	.37-1.1	.75-4	2.5	BSPP			
16HSZ	.55-1.1	1-5.8	3.5			pump end	

NOMENCLATURE



Goulds Water Technology

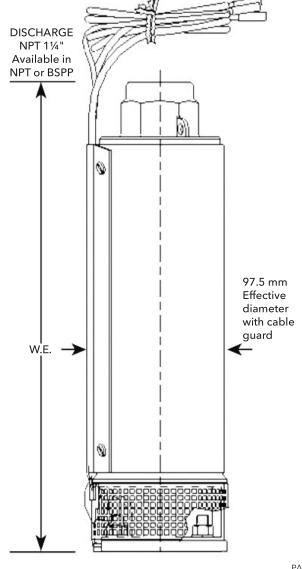
50 Hz Residential Water Systems

WATER END DATA

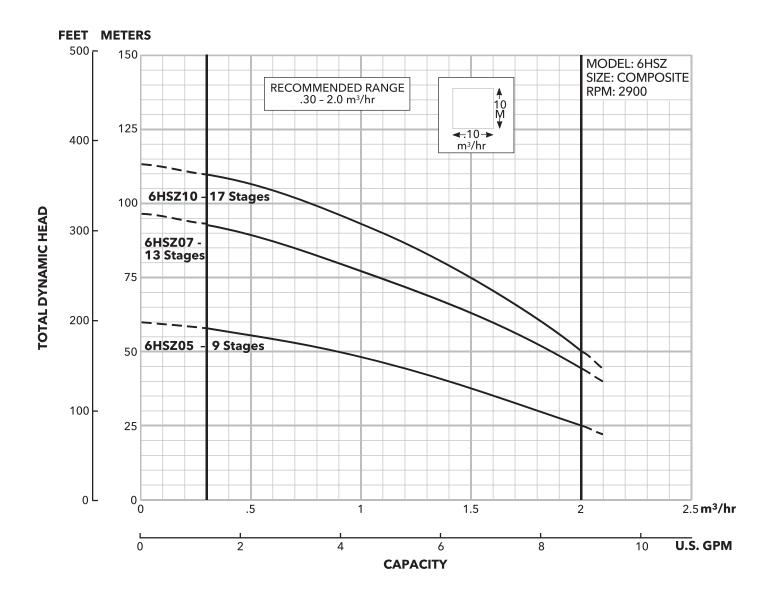
Series	Product No.	Stages	W.E. Le	W.E. Weight		Req. Min.		
			ММ	In.	Kg	Lbs.	Kw	HP
6	6HSZ05	9	342.81	13.50	2.09	4.6	0.37	0.5
	6HSZ07	13	415.40	16.35	2.68	5.9	0.55	0.75
	6HSZ10	17	488.00	19.21	3.27	7.2	0.75	1
8	8HSZ05	7	301.98	11.89	1.77	3.9	0.37	0.5
	8HSZ07	10	354.48	13.96	2.22	4.9	0.55	0.75
	8HSZ10	14	424.48	16.71	2.81	6.2	0.75	1
11	11HSZ05	5	266.98	10.51	1.50	3.3	0.37	0.5
	11HSZ07	8	319.48	12.58	1.95	4.3	0.55	0.75
	11HSZ10	11	371.98	14.65	2.40	5.3	0.75	1
	11HSZ15	16	459.49	18.09	3.67	8.1	1.1	1.5
16	16HSZ07	7	330.96	13.03	1.90	4.2	0.55	0.75
	16HSZ10	9	374.24	14.73	2.22	4.9	0.75	1
	16HSZ15	14	482.45	18.99	3.17	7	1.1	1.5

MATERIALS OF CONSTRUCTION

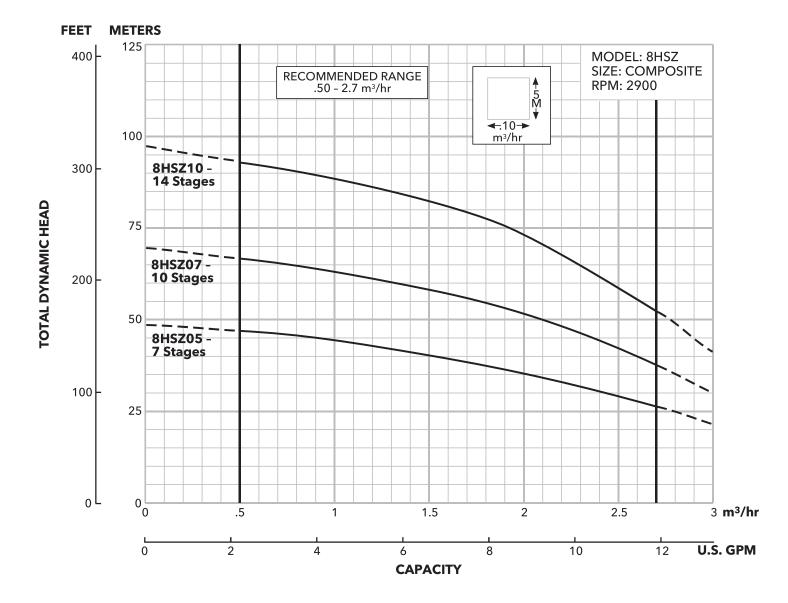
Part Name	Material				
Discharge Head	Glass Filled Engineered Composite				
Check Valve Poppet	Delrin®				
Check Valve O-ring	NBR				
Bearing	Proprietary Engineered Polymer				
Shaft Retaining Ring	AISI 301 SS				
Diffuser	Glass Filled Engineered Composite				
Impeller	Glass Filled Engineered Composite. GFN2				
Bowl	AISI 304 SS				
Shim	AISI 304 SS				
Inlet Strainer	Glass Filled Engineered Composite				
Screws - Cable Guard	AISI 304 SS				
Motor Adapter	Glass Filled Engineered Composite				
Casing	- AISI 304 SS				
Shaft					
Coupling	AISI 304 SS, Powder Metal				
Cable Guard	PVC				



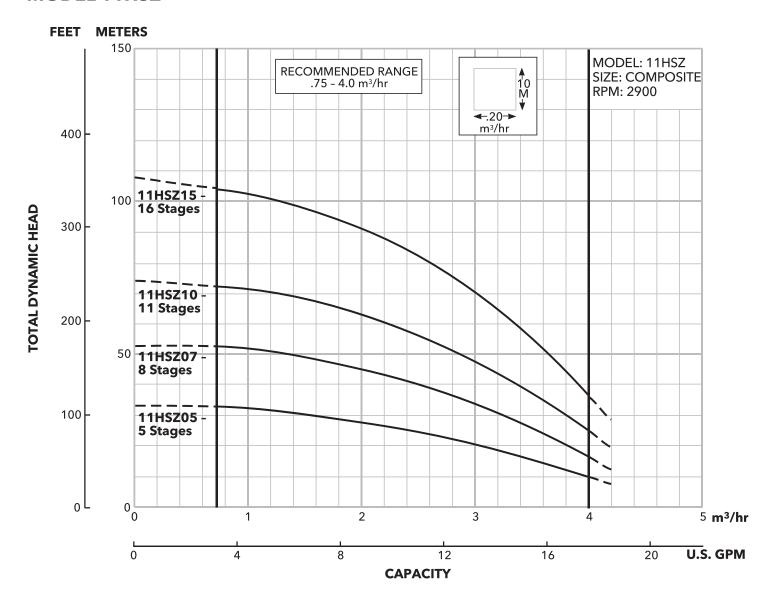
MODEL 6HSZ



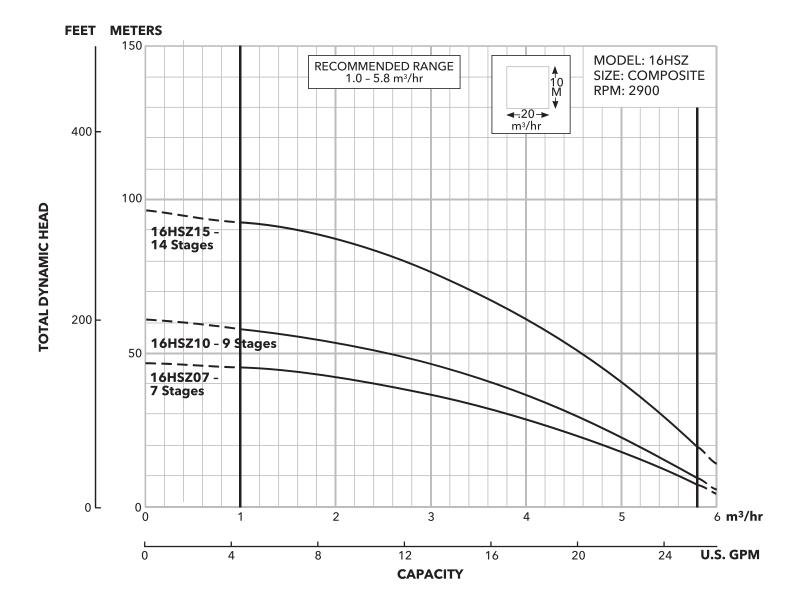
MODEL 8HSZ



MODEL 11HSZ



MODEL 16HSZ



Xylem | zīləm |

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xyleminc.com



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