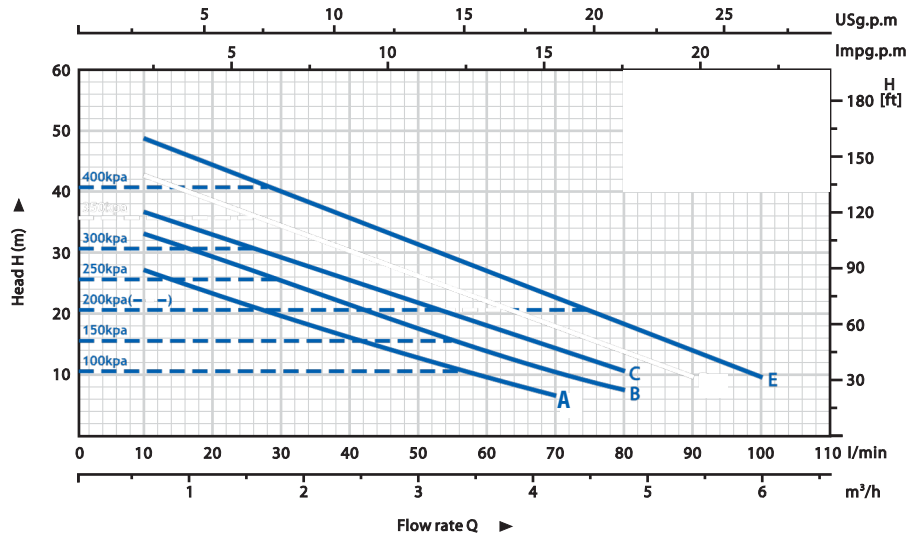


## S HITECH SMART WATER BOOSTING SYSTEM



PERFORMANCE CHART AT n=5500RPM



### Typical Applications

- Residential Water Supply - These pumps can be used to provide pressurized water supply in residential homes. Water supply, irrigation systems, hot water recirculation.
- Domestic Water Supply - In addition to residential use, they can also be applied in domestic settings, such as apartments and small housing complexes, to maintain steady water pressure.
- Small Commercial Water Supply - The pumps are suitable for small commercial establishments, like cafes, restaurants, or shops, where a reliable water supply is essential for daily operations.
- Leakage Warning - The built-in leakage warning feature adds an extra layer of protection, making these pumps useful in applications where leaks need to be detected and addressed promptly.
- These pumps come with high/low-temperature protection, making them suitable for applications where temperature control is necessary, such as for hot water circulation systems.
- Energy-Efficient Systems - The innovative inverter-controlled variable speed technology in these pumps helps minimize energy consumption, making them suitable for environments where energy efficiency is a priority.

### Operating Conditions

- **Max. Liquid Temperature:** +60°C
- **Ambient Temperature upto :** +40°C
- **Total suction lift up to:** 7m

### Motor

- DC Brushless permanent magnet motor
- **Insulation:** Class B
- **Protection:** IP44
- **Single-Phase:** 220V / 50Hz, 60Hz on request

### Component

- **Pump body:** Nylon
- **Pump Support:** Aluminium
- **Motor Housing:** Aluminium
- **Impeller:** PPO
- **Motor shaft:** AIS1304
- **Mechanical Seal:** SIC/Graphite



### Technical Data

No.	Model	Power (kW)	INLET/OUTLET (Inch)	Current (A)	Dimensions (mm)			Weight (kg)
					L	W	H	
A	S HITECH300	0.34	1" X 1"		395	276	340	7.8
B	S HITECH400	0.42	1" X 1"	3.5	340	240	390	6.5
C	S HITECH500	0.5	1" X 1"	4	405	285	340	7.5
E	S HITECH700	0.65	1" X 1"	5	405	285	340	7.8

\*Thin, clean, chemically non-aggressive liquids without fibres