

## 3 Speed Pump

The energy efficient pump with 3 speed control for maximum performance. Saves up to 70% of running costs compared to a single speed pump. Specifically designed to circulate swimming pool water for filtration, heating and sanitising applications. Suitable for pools up to 90,000 litres.

- > **3 speed variable control with fully programmable speed options for maximum performance and efficiency**
- > **See through lid for visibility and easy maintenance**
- > **Extra large leaf basket for longer intervals between cleaning**
- > **Advanced technology brushless DC motor for longer pump life**
- > **Auto reset thermal protection to prevent over heating of the motor**
- > **Strong corrosion resistant, UV stabilised materials**
- > **40/50mm ABS quick coupling barrel unions for easy connection and installation**



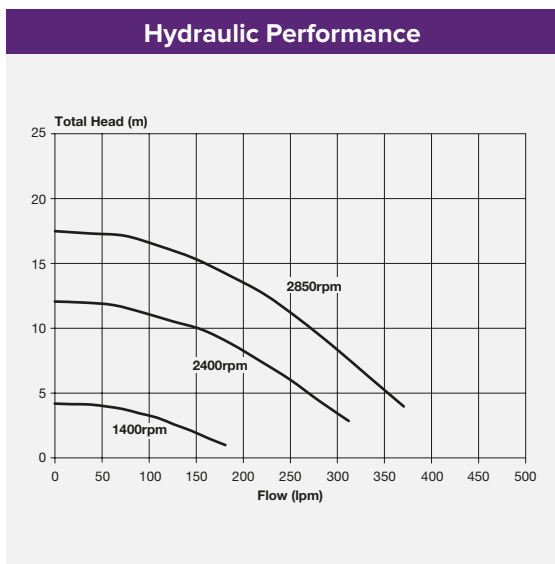
## Features

- > **3 Speed Control**  
Switch between Eco Flow (lowest speed) for pool filtration, Mid Flow for pool cleaning and High Flow for all other pool sanitisation and heating applications
- > **Programmable Intelligence**  
Fully programmable speed options by adjusting the RPM of the motor from the factory pre-sets for Eco, Mid and High Flow speeds. This maximises your pool efficiency, use and performance.
- > **Energy Efficient**  
Lower emissions, power usage and energy costs compared to single speed pumps
- > **Lower Noise Levels**  
Quiet at only 60.5dB, allowing you to run your pump at any time of day or night
- > **4 Year Guarantee**  
Peace of mind from an Australian owned, designed and engineered pool pump



Electrical Data	
Model	H83SP
RPM	Eco Flow Speed – 1400
	Mid Flow Speed – 2400
	High Flow Speed – 2850
Enclosure Class (IP)	24
Insulation Class	Class B130 Insulation
Voltage (V)	220-240
Supply Frequency (Hz)	50
Run Current (A)	6.3
Motor Input Power (W)	Eco Flow - 168W
	Mid Flow – 679W
	High Flow – 1125W
Motor Output Power (W / hp)	Eco Flow - 127W / 0.2 hp
	Mid Flow – 521W / 0.7 hp
	High Flow – 853W / 1.1 hp

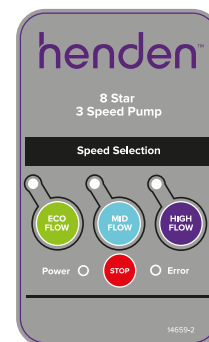
Operating Limits	
Maximum water temperature	50°C
Maximum ambient temperature	55°C



**Low Energy Operation:**  
3 speed settings which are also fully programmable:

1. Eco Flow – Lowest Speed
2. Mid Flow – Medium Speed
3. High Flow – Highest Speed

Eco Flow mode provides the lowest speed and the greatest energy savings.



Operation	Recommended Speed Setting
Pool filtration	Eco Flow
Automatic pool cleaner operation	Mid Flow
Backwashing your media filter	High Flow
Manually cleaning your pool	
Water feature operation	
Spa jet operation	
Solar pool heating	

### Dimensions (mm)

A	B	C	D	E	Mounting Holes Dia.	Inlet PVC	Outlet PVC	Net Weight (Kg)
645	330	250	305	246	10	40/50	40/50	15.9

