

**STA-RITE®**

## SIGNATURE HIGH FLO SERIES

### SUBMERSIBLE BOREHOLE PUMPS



SIGNATURE 2000



#### FEATURES

Proven staging system with floating stack.

2mm thick, heavy gauge shell for ultimate strength.

Heavy-duty cast stainless steel reinforced discharge.

Impeller eye seal allows sand particles to pass through the intake area without enlarging the disc or impeller eye.

Sealed and lubricated top bearing keeps abrasives out for longer operational life.

Upthrust washer at each stage for wear resistance.

Max. head - 105m.

Max. flow - >350lpm.

#### APPLICATIONS

- Irrigation.
- Water transfer.

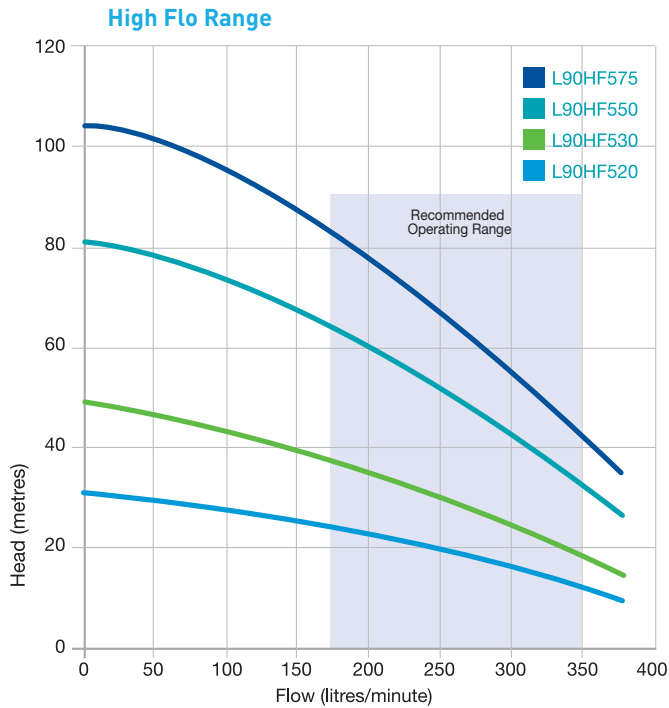
#### OPERATING CONDITIONS

Submersible borehole style pump for the moving of clean, non contaminated water, including ground water.

#### PUMP CONSTRUCTION MATERIALS

Component	Material
Pump casing	300-grade stainless steel
Impellers	20% Glass Filled Polycarbonate
Diffusers	20% Glass Filled Noryl
Bowls	20% Glass Filled Noryl
Discharge	300-grade stainless steel
Top & intermediate bearing	Acetal
Top & intermediate bearing journal	300-grade stainless steel
Upthrust washers	Phenolic
Impeller eye seals	Urethane
Shaft	300-grade stainless steel
Coupling	300-grade stainless steel, 7/16" hex stock
Motor adapter	300-grade stainless steel
Suction screen	300-grade stainless steel
Cable guard	300-grade stainless steel
Fasteners	300-grade stainless steel

## PERFORMANCE



## DIMENSIONS

Type	Nominal horsepower	Power kW	No. of stages	Pump end approx. length (mm)	Pump end diameter (mm)	Pump end approx. weight (kg)	Discharge outlet
<b>L90HF520</b>	2	1.5	7	530	99.06	7	2" BSP (female)
<b>L90HF530</b>	3	2.2	11	680	99.06	8	2" BSP (female)
<b>L90HF550</b>	5	3.7	18	1050	99.06	9	2" BSP (female)
<b>L90HF575</b>	7 1/2	5.5	23	1420	99.06	12	2" BSP (female)



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