

**STA-RITE®**

## SIGNATURE 2000 SERIES

### SUBMERSIBLE BOREHOLE PUMPS



SIGNATURE 2000



#### FEATURES

Proven staging system with floating stack and a harder-than-sand ceramic wear surface.

Self lubricating Nylatron bearing resists wear from sand.

300-grade, heavy walled corrosion-resistant stainless steel outer shell.

Large hexagonal shaft transmits power without wear and flex.

The stainless steel shaft coupling is press fit to pump shaft, which couples to all standard NEMA motors.

Max. head ->200m.

Max. flow - >200lpm.

#### APPLICATIONS

Water supply for:

- residential,
- industrial,
- commercial,
- multiple housing and
- irrigation and farm use.

#### PUMP CONSTRUCTION MATERIALS

Multi-stage submersible borehole style pump.

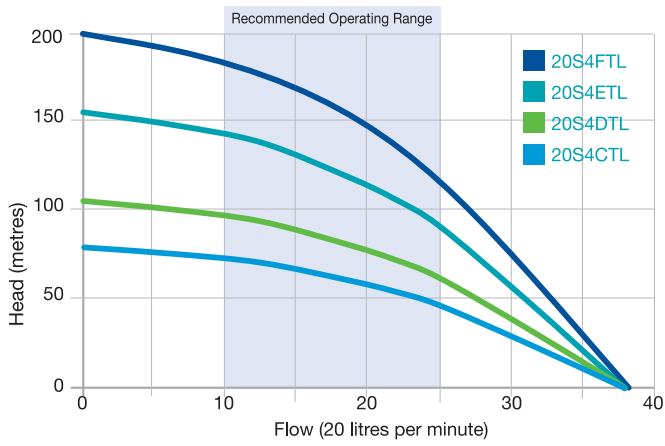
- Pump casing:** 300-grade stainless steel.
- Impellers:** Acetal.
- Diffusers:** Polycarbonate.
- Discharge:** Fibreglass-reinforced thermoplastic.
- Dis. bearing:** Nylatron.
- Suction caps:** Polycarbonate with stainless steel inserts.
- Thrust pads:** Proprietary spec.
- Shaft & coupling:** 300-grade stainless steel.
- Intake:** Fibreglass-reinforced thermoplastic.
- Intake screen:** Polypropylene.
- Cable guard:** Stainless steel.

#### OPERATING CONDITIONS

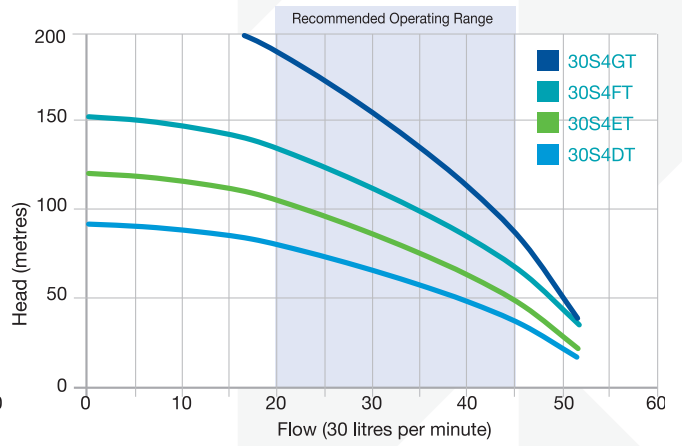
Submersible borehole style pump for the moving of clean, non contaminated water, including ground water.

**PERFORMANCE**

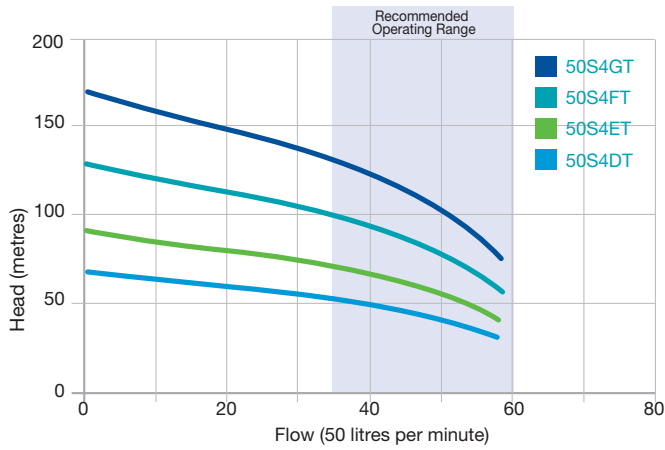
**20S4 Range**



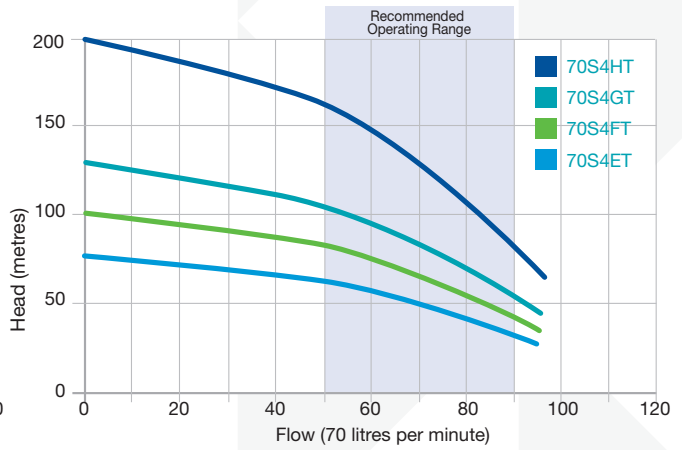
**30S4 Range**



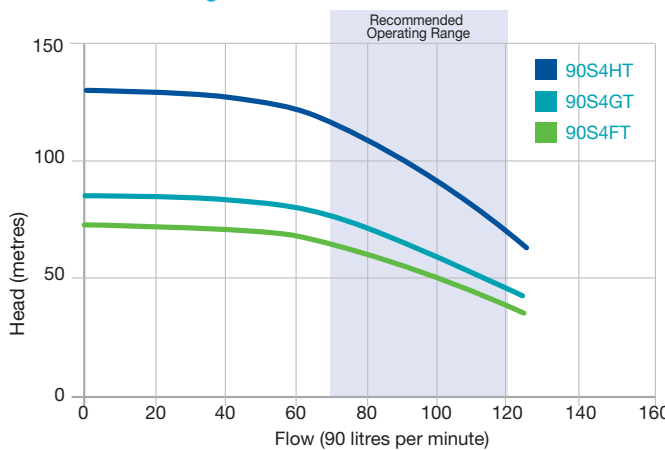
**50S4 Range**



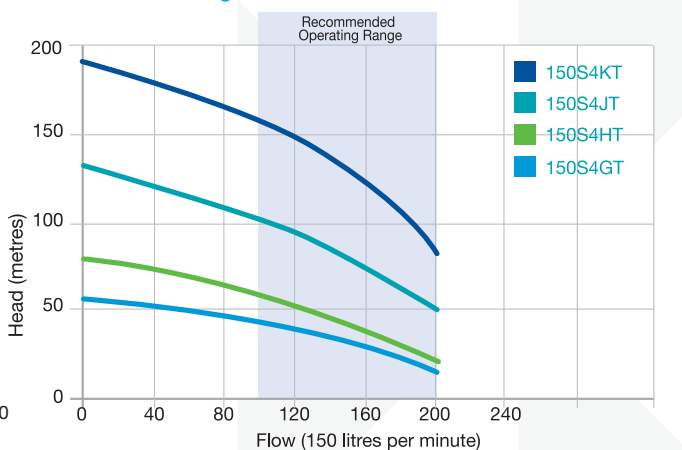
**70S4 Range**



**90S4 Range**



**150S4 Range**



## 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
20S4CTL	1/2	0.37	11	410	95.25	5	1¼" BSP (female)
20S4DTL	3/4	0.55	15	510	95.25	6	1¼" BSP (female)
20S4ETL	1	0.75	22	660	95.25	8	1¼" BSP (female)
20S4FTL	1 ½	1.1	29	810	95.25	10	1¼" BSP (female)
30S4DT	3/4	0.55	12	430	98.42	5	1¼" BSP (female)
30S4ET	1	0.75	16	530	98.42	6	1¼" BSP (female)
30S4FT	1 ½	1.1	20	690	98.42	8	1¼" BSP (female)
30S4GT	2	1.5	30	-	98.42	-	1¼" BSP (female)
50S4DT	3/4	0.55	9	430	98.42	5	1¼" BSP (female)
50S4ET	1	0.75	12	510	98.42	6	1¼" BSP (female)
50S4FT	1 ½	1.1	17	690	98.42	8	1¼" BSP (female)
50S4GT	2	1.5	22	860	98.42	11	1¼" BSP (female)
70S4ET	1	0.75	10	460	98.42	5	1¼" BSP (female)
70S4FT	1 ½	1.1	13	530	98.42	6	1¼" BSP (female)
70S4GT	2	1.5	17	690	98.42	8	1¼" BSP (female)
70S4HT	3	2.2	26	930	98.42	11	1¼" BSP (female)
90S4FT	1 ½	1.1	10	530	98.42	6	1¼" BSP (female)
90S4GT	2	1.5	12	640	98.42	8	1¼" BSP (female)
90S4HT	3	2.2	18	940	98.42	13	1¼" BSP (female)
150S4GT	2	1.5	8	580	98.42	6	1¼" BSP (female)
150S4HT	3	2.2	12	810	98.42	8	1¼" BSP (female)
150S4JT	5	3.7	20	940	98.42	11	1¼" BSP (female)
150S4KT	7 ½	5.5	30	1750	98.42	16	1¼" BSP (female)



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