4 ST BOREHOLE RANGE (4”)

This Slimline submersible borehole pump is suitable for 6” or larger boreholes, wells or reservoirs. Manufactured from corrosion & abrasion resistant materials. This range is manufactured to NEMA standard for submersible motors. Designed for flow rates up to 1.5m³/h and heads of up to 325 meters.

Application

Groundwater supply to reservoirs.
Irrigation in horticulture and agriculture.
Groundwater Lowering.
Pressure boosting.
Solar applications.

Specification

Capacity:	0.5m³/h to 1.5m³/h at 2850rpm, 50Hz
Head:	up to 325m at 2850rpm, 50Hz
Power:	0.37kW to 1.5kW
Power Supply:	Single-phase 220 ~ 240V
	Three-phase 380 ~ 415V
	Solar 220v -3phase
Water Temp:	up to 35°C
Solid Handling:	less than 0.02%
Water PH:	6.5-8.0

Construction characteristics

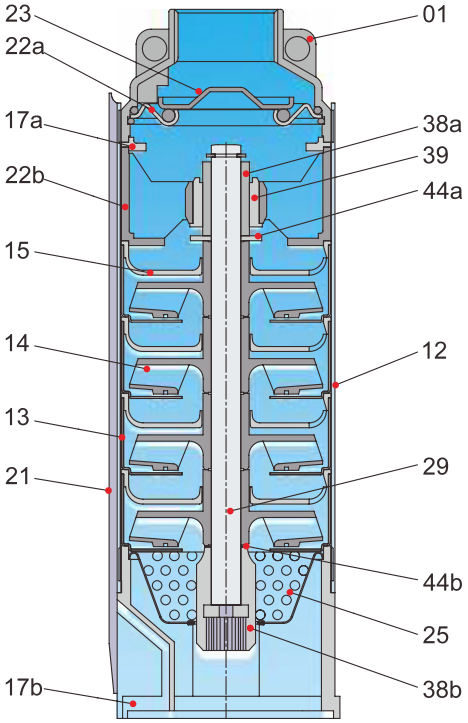
Abrasion-resistant construction. The front wear plate, combined with the floating impellers, ensure optimum resistance to abrasion.
The upper and lower support brackets are cast 304 SS and offer a sturdy platform for connection to motor and discharge pipe. Offers resistance to corrosion and abrasion.
The hexagonal pump shaft guarantees effective impeller rotation.
A Stainless Steel non-return valve is fitted in the discharge and prevents back flow of water.



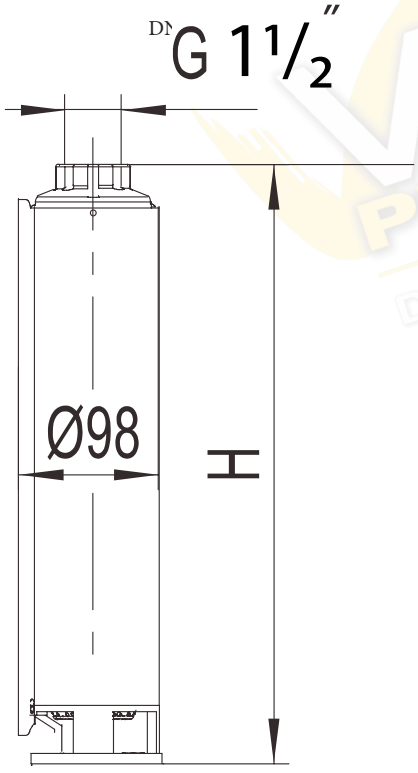
4 ST 1 / 7

- 7 — NO. OF IMPELLERS
- 1 — RATED CAPACITY (M³/H) @ HIGHEST EFFICIENCY
- 4 ST — SERIES NAME

TECHNICAL DATA



ITEM No.	PART NAME	MATERIAL
1	Discharge head	AISI304SS
12	Outer Casing	AISI304SS
13	Bowl	AISI304SS
14	Impeller	PPO
15	Diffuser	PC
17a	Coupling ring	PC
17b	Motor adapter	AISI304SS
21	Cable tube	AISI304SS
22a	Valve seat	AISI304SS
22b	Seat assembly	PC
23	Valve	AISI304SS
25	Strainer	AISI304SS
29	Shaft	AISI304SS
38a	Shaft sleeve	AISI304SS
38b	Coupling spline	AISI304SS
39	Bush bearing	PU
44a	Washer	AISI304SS
44b	Adjusting washer	AISI304SS



MODEL (50Hz)	MOTOR POWER		DIMENSIONS & WEIGHTS		DN
	kW	HP	LENGTH (mm)	N.W kg	
4ST1/13	**0.37**	**0.5**	382	3.7	1½"
4ST1/19	**0.55**	**0.75**	481	4.7	1½"
4ST1/26	**0.75**	**1**	596	5.8	1½"
4ST1/38	**1.1**	**1.5**	832	8.1	1½"
4ST1/49	**1.5**	**2**	1052	10.45	1½"