

# SUBMERSIBLE DEWATERING PUMP

Series: 2AHS  
0.5, 1 & 2 HP / 3450 RPM  
Discharge: 2"  
Solids handling: ½"



## DISCHARGE

2" NPT vertical, adapter included.

## LIQUID TEMPERATURE

104° F (40° C)

## PUMP BODY

Cast iron ASTM A-48 class 30.

## MOTOR HOUSING

Aluminum alloy.

## SEAL PLATE

Cast iron ASTM A-48 class 30.

## IMPELLER

**Design:** 8 vane, open, semi-vortex.

**Material:** urethane rubber.

## SHAFT

410 series stainless steel.

## HARDWARE

304 series stainless steel.

## O-RINGS

Buna-N.

## PAINT

Air dry enamel, water based.

## SEAL

**Design:** double, mechanical, oil filled chamber.

**Material:** upper part of carbon-ceramic, lower part of silicone carbide. Stainless steel hardware.

## CORD ENTRY

15 ft of neoprene cord, sealed against moisture.

## BEARINGS

Ball, single row, permanently oil lubricated for 60,000 hours of work. Designed for radial and axial loads.

## MOTOR

Single phase, 115/230 volts, 60 Hz, 3450 RPM, oil filled. For continuous duty, class F, with thermal protector in winding.

## STRAINER

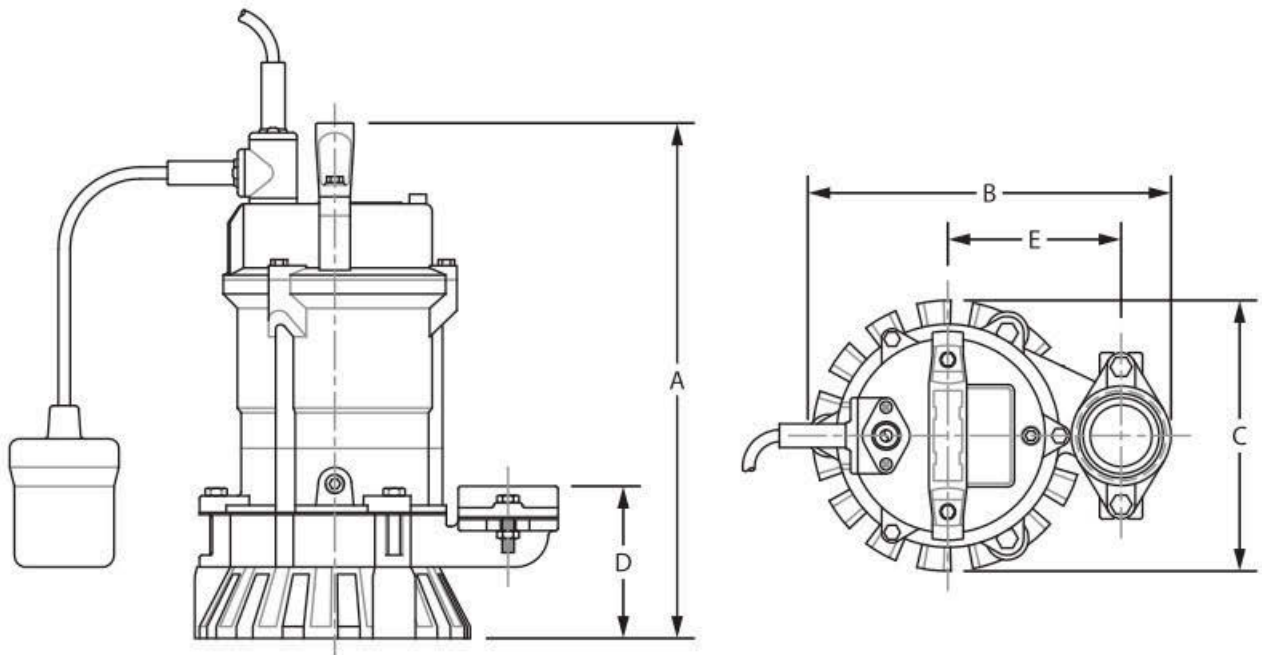
Rubber.

## HANDLE

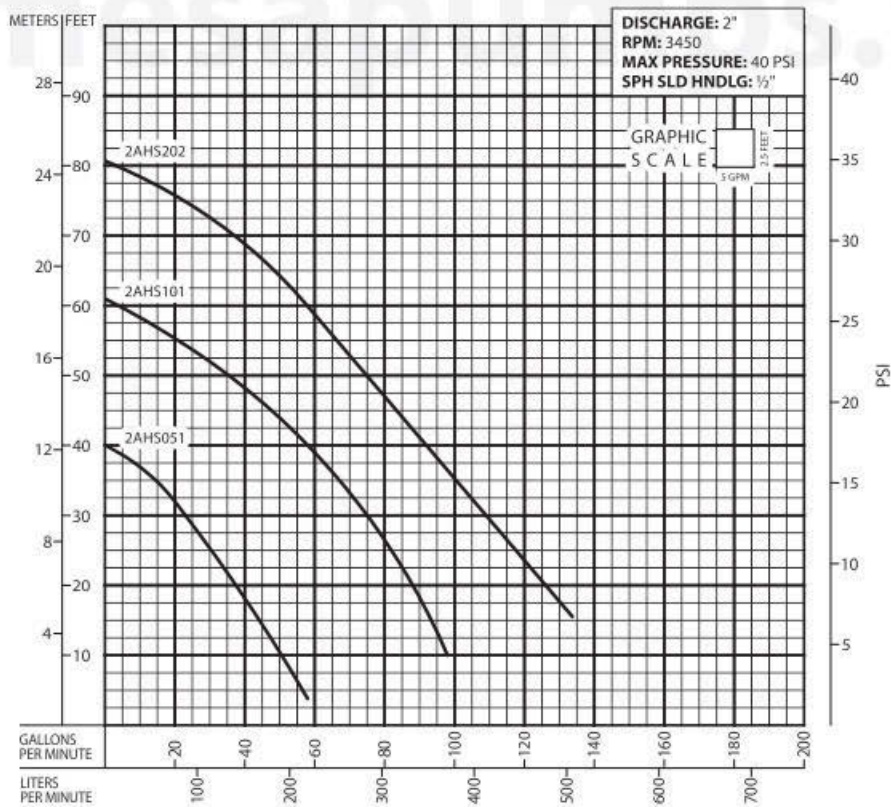
304 series stainless steel.

## PUMP OPERATION

Available as "A" Automatic model or Manual operation (no level control).



MODEL	PART No.	HP	VOLTS	PHASE	RPM (Nominal)	MAX AMPS	CORD SIZE	A	B	C	D	E	WEIGHT (pounds)
2AHS051	000000000	0.5	115	1	3450	8	16AWG/3C	13.63"	9.88"	Ø7"	4.25"	4.63"	33
2AHS051A	000000000												
2AHS101	000000000	1	115	1	3450	12	14 AWG/3C	14.63"	10.88"	Ø7"	4.75"	5.25"	33
2AHS101A	000000000												
2AHS202	000000000	2	230	1	3450	13	14 AWG/3C	18.5"	12.5"	Ø7.5"	5.13"	6.5"	43
2AHS202A	000000000												



**IMPORTANT!**

1. Never use this pump to handle explosive liquids.
2. This pump is not approved to be used in swimming pools, recreational installations or any application where human contact may be common.
3. Pump may be operated "dry" for extended periods without damage to motor and/or seals.
4. Testing is performed with water specific gravity of 1.0 @ 68° F (20° C); other fluids may vary performance.