



FEATURES

Impeller: Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.

Casing: Cast iron volute type for maximum efficiency. 2" NPT discharge.

Mechanical Seal: Silicon Carbide vs. Silicon Carbide sealing faces. Stainless steel metal parts, BUNA-N elastomers.

Shaft: Corrosion-resistant, stainless steel. Threaded design. Locknut on all models to guard against component damage on accidental reverse rotation.

Fasteners: 300 series stainless steel.

Temperature rating 200°F for continuous operation when fully submerged.

Capable of running dry without damage to components.

2EC-HT Series

Model 2ECHT

SUBMERSIBLE HIGH TEMPERATURE SUMP PUMPS



Bell & Gossett
a xylem brand

Wastewater

APPLICATIONS

Specifically designed for the following uses:

- Boiler blow down, high temp condensate

SPECIFICATIONS

Pump

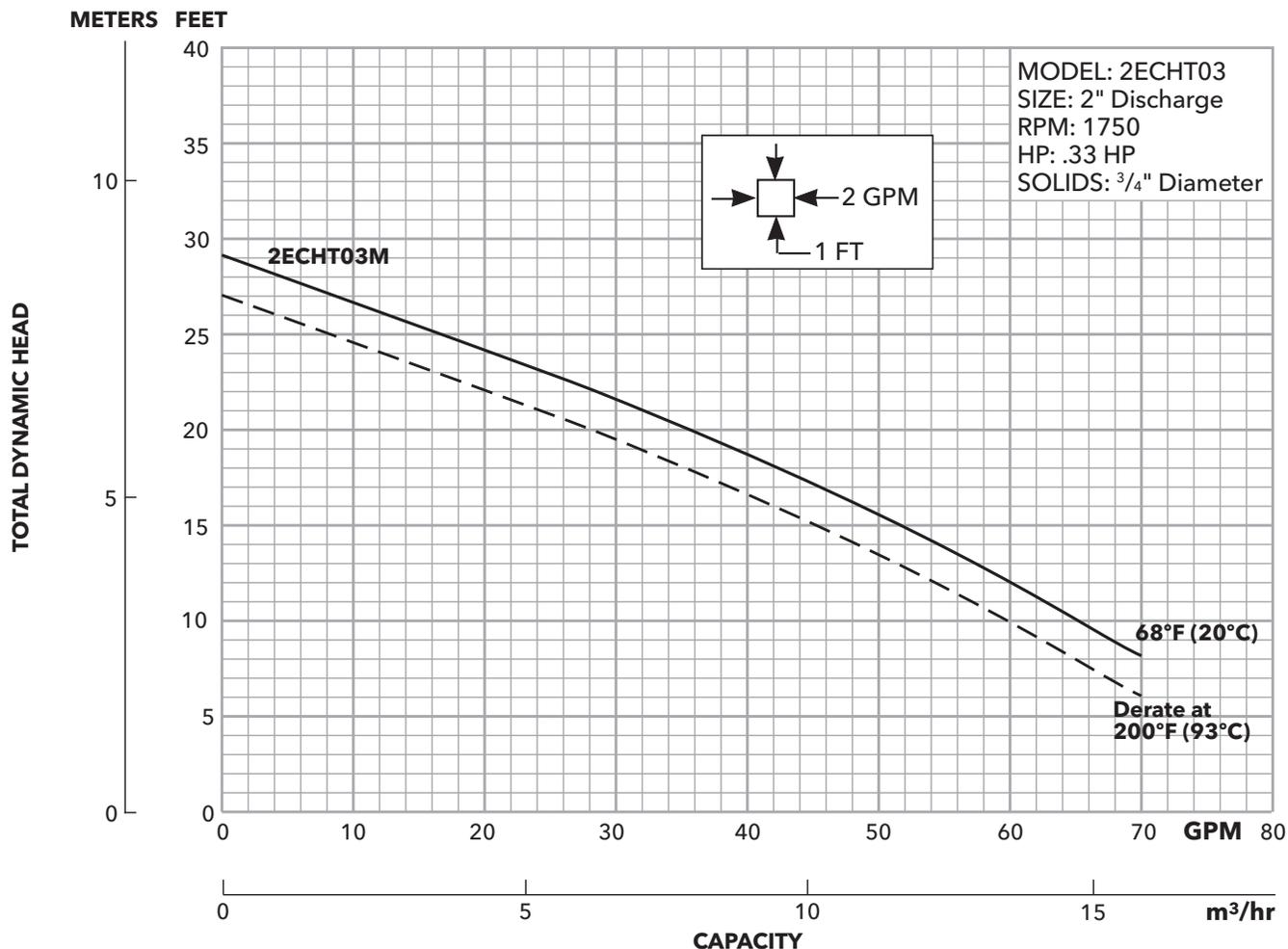
- Solids handling capabilities: $\frac{3}{4}$ " maximum
- Discharge size: 2" NPT
- Capacities: up to 70 GPM
- Total heads: up to 27 feet TDH
- Temperature: 200°F (93°C) continuous, fully submerged
- See order numbers on reverse side for specific HP, voltage and phase.
- Available with 1½" connection and high temp float if required. See model chart on page 3.

MOTORS

- Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.
- Class B insulation

Single phase (60 Hz):

- Capacitor start motors for maximum starting torque.
- Built-in overload with automatic reset.
- SJOOW severe duty oil and water resistant power cords, rated for high temperature.
- Models have NEMA three prong grounding plugs.

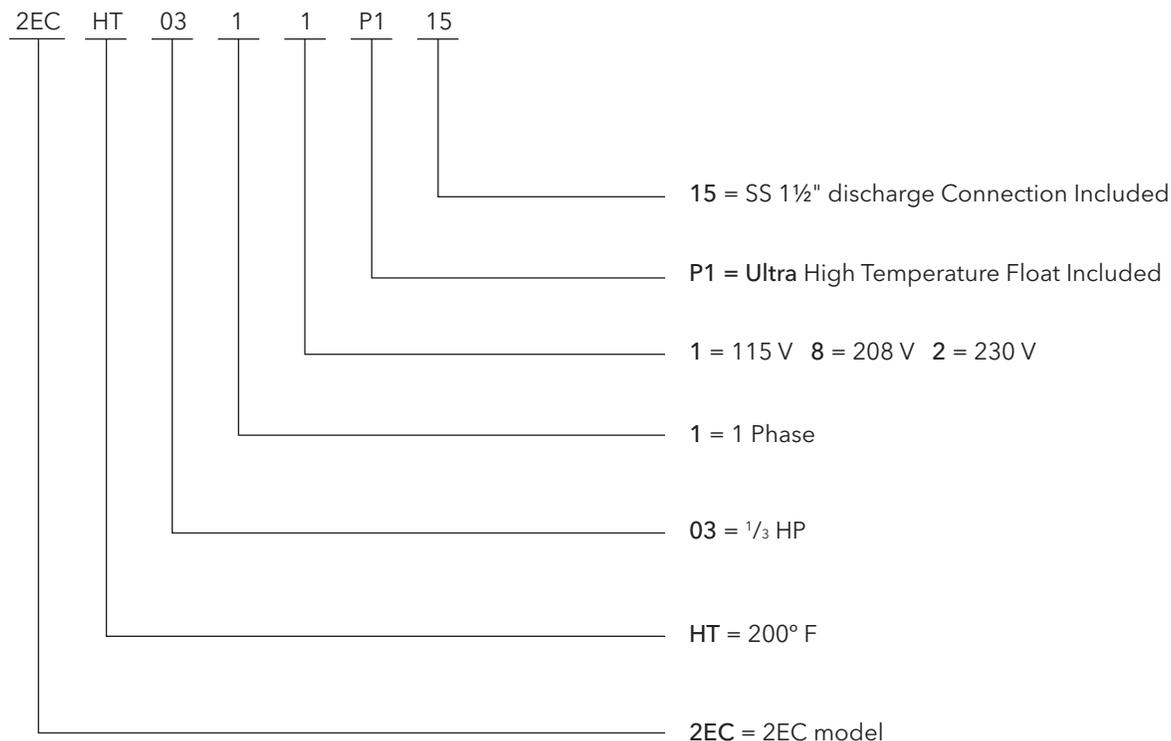


MODELS

Order Number	HP	Phase	Volts	RPM	Impeller Dia. (In.)	Max. Amps	LRA	KVA Code	Full Load Motor Eff.	Resistance		Wt. (Lbs.)	Operation	Discharge
										Start	Line-Line			
2ECHT0311	1/3	1	115	1750	5.38"	12	31.1	J	55	9.3	1.4	56	Manual	2"
2ECHT0318			208			7.3	19.5	K	51	9.1	4.2			
2ECHT0312			230			6.1	16.5	J	54	11.7	5.6			
2ECHT031115			115			12	31.1	J	55	9.3	1.4			
2ECHT031815			208			7.3	19.5	K	51	9.1	4.2			
2ECHT031215			230			6.1	16.5	J	54	11.7	5.6			
2ECHT0311P1			Auto- matic Float Includ- ed			1 1/2"	115	12	31.1	J	55		9.3	1.4
2ECHT0318P1							208	7.3	19.5	K	51		9.1	4.2
2ECHT0312P1							230	6.1	16.5	J	54		11.7	5.6
2ECHT0311P115							115	12	31.1	J	55		9.3	1.4
2ECHT0318P115							208	7.3	19.5	K	51		9.1	4.2
2ECHT0312P115							230	6.1	16.5	J	54		11.7	5.6

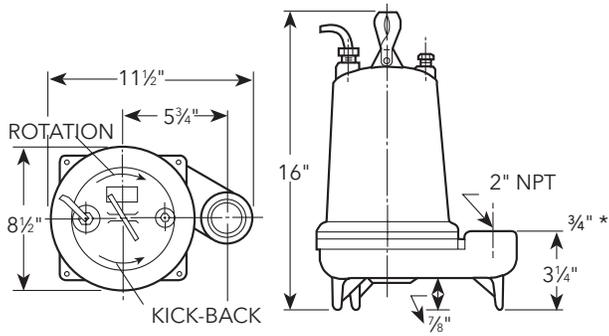
Accessory part numbers: A2SJRHT31 - 115V and A2SJRHT32 - 208 and 230V (ultra high-temperature float switch)

NOMENCLATURE



DIMENSIONS

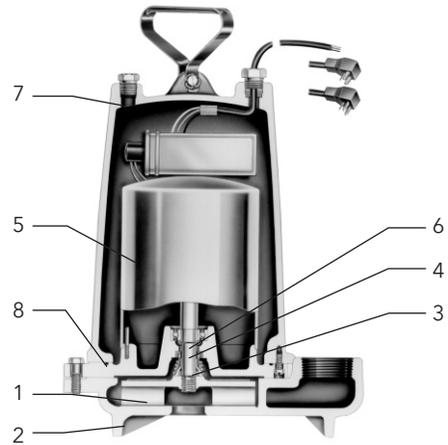
(All dimensions are in inches. Do not use for construction purposes.)



* 2" x 1 1/2" adapter if used

COMPONENTS

Item No.	Description
1	Impeller
2	Casing
3	Mechanical Seal
4	Motor Shaft
5	Motor
6	Ball Bearings
7	Power Cable
8	Casing O-Ring



xylem
Let's Solve Water

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