

quality . service
innovation . integrity

600 Series



Features

The "Sewage-Waste" series of submersible pumps is designed for use in commercial dewatering and wastewater applications and can be used to transfer wastewater or unscreened raw sewage. The semi-open reversing impeller design reduces the risk of clogging and allows each pump to pass a 2½ (63 mm) spherical solid. These durable cast iron pumps include a powder coated epoxy finish to prevent corrosion, and are designed to provide great heat dissipation from the motor, ensuring a long service life. As with every Zoeller pump, each one is 100% pressure-tested, submerged and run to ensure quality and reliability for years of trouble-free performance! This attention to detail is an inherent feature in every pump of this series, making it one of the most reliable in the industry.

- Variable level control systems and containers of various sizes are available for longer cycles.
- Double seal models improve bearing lubrication and aid in the prevention of leaks and damage to seals or bearings during dry run conditions.
- Includes a stainless steel handle for easy installation and removal.
- All models are hermetically sealed to be watertight, dust-tight, and completely submersible.

Reserve Powered Design: For unusual conditions, a reserve safety factor is engineered into the design of every pump.

Specifications

Motor Characteristics

Horse Power	1 - 7.5 HP
Voltage	200 - 575 V
Phase	1 or 3 Ph
Hertz	60 Hz
RPM	1750 RPM
Type	Capacitor start capacitor run or 3 phase
Insulation	Class F
Amps	1.6 - 28.0 Amps

Pump Characteristics

Operation	Nonautomatic
Discharge Size	3" NPT (optional 3" or 4" flange available)
Solids Handling	2-1/2" (63 mm) spherical solids
Cord Length	25' (8 m) standard
Cord Type	UL listed
Max Head	65' (19.8 m)
Max Flow Rate	533 GPM (2018 LPM)
Max Operating Temp	104° F (40° C)
Cooling	Oil filled
Motor Protection	Auto reset thermal overload (1 Ph)

Materials Characteristics

Cap	Cast iron
Motor Housing	Cast iron
Pump Housing	Cast iron
Base	Cast iron
Upper Bearing	Ball bearing
Lower Bearing	Ball bearing
Mechanical Seals	Tandem carbon and ceramic
Impeller Type	Semi-open
Impeller	Ductile iron
Hardware	Stainless steel
Motor Shaft	Stainless steel
Gasket	Buna N O-Ring

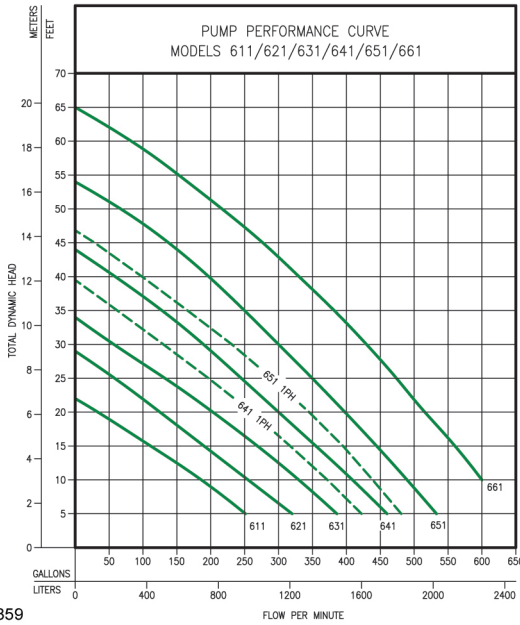
60 Hz



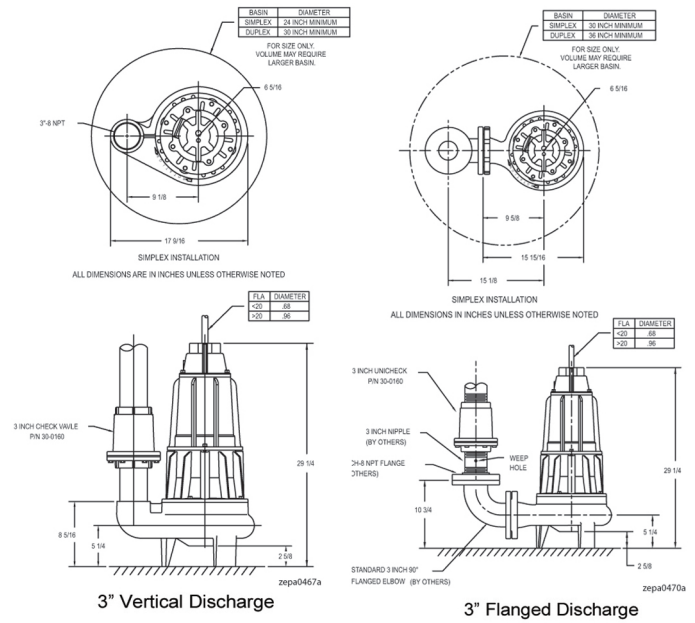
PUMP COMPANY

Zoeller Family of Water Solutions™

600 Series



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Model

Model Number	Seal	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
E611	Double	Non	230	1	6.9	1	60	245	111
J611	Double	Non	200	3	4.3	1	60	245	111
F611	Double	Non	230	3	3.7	1	60	245	111
G611	Double	Non	460	3	1.9	1	60	245	111
BA611	Double	Non	575	3	1.6	1	60	245	111
E621	Double	Non	230	1	8.9	1-1/2	60	245	111
J621	Double	Non	200	3	5.9	1-1/2	60	245	111
F621	Double	Non	230	3	5.1	1-1/2	60	245	111
G621	Double	Non	460	3	2.6	1-1/2	60	245	111
BA621	Double	Non	575	3	2.0	1-1/2	60	245	111
E631	Double	Non	230	1	14.5	2	60	245	111
J631	Double	Non	200	3	7.8	2	60	245	111
F631	Double	Non	230	3	6.8	2	60	245	111
G631	Double	Non	460	3	3.4	2	60	245	111
BA631	Double	Non	575	3	2.7	2	60	245	111
E641	Double	Non	230	1	17.0	3	60	245	111
J641	Double	Non	200	3	11.0	3	60	245	111
F641	Double	Non	230	3	9.6	3	60	245	111
G641	Double	Non	460	3	4.8	3	60	245	111
BA641	Double	Non	575	3	3.9	3	60	245	111
E651	Double	Non	230	1	28.0	5	60	245	111
J651	Double	Non	200	3	17.5	5	60	245	111
F651	Double	Non	230	3	15.2	5	60	245	111
G651	Double	Non	460	3	7.6	5	60	245	111
BA651	Double	Non	575	3	6.1	5	60	245	111
J661	Double	Non	200	3	25.3	7-1/2	60	245	111
F661	Double	Non	230	3	22.0	7-1/2	60	245	111
G661	Double	Non	460	3	11.0	7-1/2	60	245	111
BA661	Double	Non	575	3	9.0	7-1/2	60	245	111

Additional cord lengths are available in 35' (11 m) and 50' (15 m). 75' (22 m) cords are available for 3 Ph units only.

Your Peace of Mind is Our Top Priority®
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