quality . service innovation . integrity

270 Series



Features

The "Waste-Mate" series of submersible pumps is designed for use in residential or light commercial dewatering and wastewater applications and can be used to transfer groundwater, effluent or raw sewage. The innovative vortex impeller design reduces the risk of clogging and allows each pump to pass 2" (50 mm) spherical solids. 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!

- Automatic models include a variable level mechanical pump switch with mounting hardware included.
- For nonautomatic pumps, variable level control systems and containers of various sizes are available for longer cycles.
- Double seal models are available to improve bearing lubrication and prevent 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

Motor Voltage 115 or 230 V 1 Ph Phase Hertz 60 Hz RPM 3450 RPM

Permanent split capacitor Type

Insulation Class B Amps 7.5 - 15.0 Amps

Pump Characteristics

Operation Automatic or nonautomatic

Discharge Size 2" NPT

Solids Handling 2" (50 mm) spherical solids

Cord Length 20' (6 m) standard

Cord Type UL listed, 3-wire neoprene cord and plug

Max Head 29' (8 8 m) Max Flow Rate 132 GPM (500 LPM) Max Operating Temp 130 °F (54 °C) Cooling Oil filled

Motor Protection Auto reset thermal overload

Materials Characteristics

Cap Cast iron Cast iron Motor Housing Pump Housing Cast iron

Engineered plastic or cast iron Base

Neoprene

Upper Bearing Sleeve bearing Lower Bearing Ball bearing Mechanical Seals Carbon and ceramic Impeller Type Non-clogging vortex Engineered plastic Impeller Stainless steel Hardware Motor Shaft JIS S45C steel



Gasket

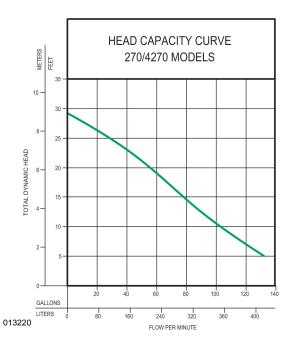


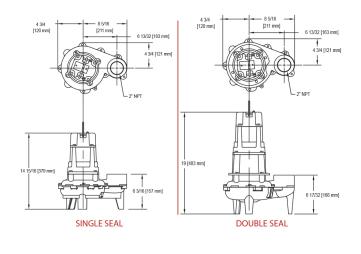






270 Series





SK1532

Model

Model Number	Seal	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
BN270	Single	Auto	115	1	15.0	1	60	49	22
N270	Single	Non	115	1	15.0	1	60	49	22
N4270	Double	Non	115	1	15.0	1	60	49	22
E270	Single	Non	230	1	7.5	1	60	73	33
BE270	Single	Auto	230	1	7.5	1	60	73	33
E4270	Double	Non	230	1	7.5	1	60	73	33

Model 4270 features a cast iron base. BN and BE models include a variable level pump switch. Additional cord lengths are available in 25' (8 m), 35' (11 m) and 50' (15 m).

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