

S/150/X Series



Features

Heavy duty submersible sump pumps are designed for use in commercial dewatering applications and can be used to transfer groundwater or effluent. 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.

- Ideal for use in septic systems, low pressure pipe (LPP), and enhanced flow STEP system applications.
- Automatic models include a float-operated, two-pole mechanical switch, a stainless steel float guard and switch arm, and a solid, buoyant polypropylene float which prevents water from filling the float and causing a malfunction.
- For nonautomatic pumps, variable level control systems and containers of various sizes are available for longer cycles.
- 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	1/3 - 1/2 HP
Voltage	115 or 230 V
Phase	1 Ph
Hertz	60 Hz
RPM	3450 RPM
Type	Permanent split capacitor
Insulation	Class B
Amps	3.2 - 10.5 Amps

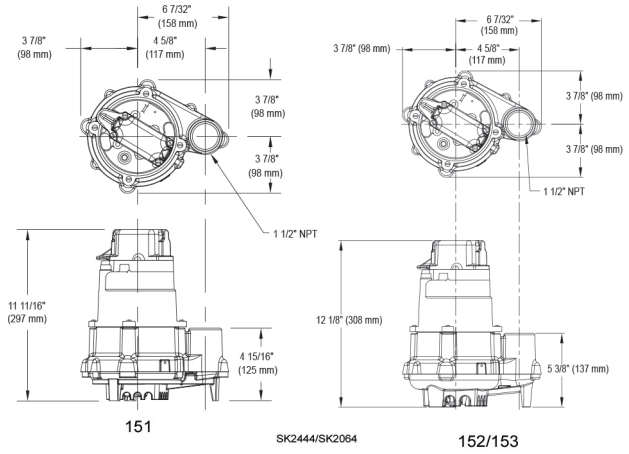
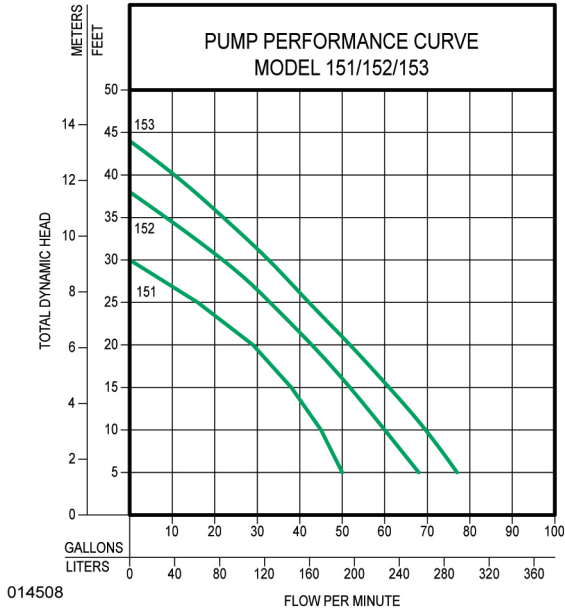
Pump Characteristics

Operation	Automatic or nonautomatic
Discharge Size	1-1/2" NPT
Solids Handling	151: 1/2" (13 mm), 152/153: 3/4" (19 mm) spherical solids
Cord Length	20' (6 m) standard
Cord Type	UL Listed power cord
Max Head	44' (13.4 m)
Max Flow Rate	77 GPM (291 LPM)
Max Operating Temp	130° F (54° C)
Cooling	Oil filled
Motor Protection	Auto reset thermal overload

Materials Characteristics

Cap	Cast iron
Motor Housing	Cast iron
Pump Housing	Cast iron
Base	Plastic or cast iron
Upper Bearing	Sleeve bearing
Lower Bearing	Ball bearing
Mechanical Seals	Carbon and ceramic
Impeller Type	Non-clogging vortex
Impeller	Engineered thermoplastic
Hardware	Stainless steel
Motor Shaft	AISI 1215 steel
Gasket	Neoprene

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Model

Model Number	Seal	Mode	Volts	Phase	Amps	HP	Hz	Lbs	Kg
S/N151/X	Single	Non	115	1	6.0	1/3	60	32	15
S/E151/X	Single	Non	230	1	3.2	1/3	60	32	15
S/BN151/X	Single	Auto	115	1	6.0	1/3	60	33	15
S/BE151/X	Single	Auto	230	1	3.2	1/3	60	33	15
S/N152/X	Single	Non	115	1	8.5	0.4	60	37	17
S/E152/X	Single	Non	230	1	4.3	0.4	60	37	17
S/BN152/X	Single	Auto	115	1	8.5	0.4	60	39	18
S/BE152/X	Single	Non	230	1	4.3	0.4	60	39	18
S/N153/X	Single	Non	115	1	10.5	1/2	60	37	17
S/BN153/X	Single	Auto	115	1	10.5	1/2	60	39	18
S/E153/X	Single	Non	230	1	5.3	1/2	60	37	17
S/BE153/X	Single	Non	230	1	5.3	1/2	60	39	18

BN and BE models include a 20' (6 m) piggyback variable level pump switch.
Additional cord lengths are available in 25' (8 m), 35' (11 m) and 50' (15 m).