

quality . service
innovation . integrity

Model BL841



"The color green
is a registered
trademark of
Zoeller Pump Co."

Features

This product is not available in North America.

The Shark® series of submersible grinder pumps is designed for use in residential or commercial wastewater applications and can be used to transfer raw sewage. Each pump features an innovative cutting mechanism, allowing it to grind solids into fine particles. The uniform consistency of the discharged material reduces the risk of clogs in the pipe, yielding less down time and fewer service calls. 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 of every pump in this series, making it one of the most reliable in the industry.

- Each pump features a hardened, stainless steel cutter and cutter plate, Rockwell C55-60.
- Easily adapts to existing rail systems, or available in a preassembled package.
- Includes a stainless steel handle for easy installation and removal.
- All models are hermetically sealed to be watertight, dust-tight, and completely submersible.

Specifications

Motor Characteristics

Motor	3.5 KW
Voltage	220 V
Phase	1 Ph
Hertz	60 Hz
RPM	3450 RPM
Type	Capacitor start/capacitor run
Insulation	Class F
Amps	17.2 Amps

Pump Characteristics

Operation	Nonautomatic
Discharge Size	1-1/4"
Cord Length	6 m (20') standard
Cord Type	SOW/SOOW
Max Head	38.1 m (125')
Max Flow Rate	231 LPM (61 GPM)
Max Operating Temp	54°C (130°F)
Cooling	Oil filled
Motor Protection	IPX8

Materials Characteristics

Cap	Cast iron
Motor Housing	Cast iron
Pump Housing	Cast iron
Upper Bearing	Ball bearing
Lower Bearing	Ball bearing
Mechanical Seals	Carbon and ceramic
Impeller Type	Non-clogging vortex
Impeller	Bronze
Hardware	Stainless steel
Motor Shaft	416 stainless steel
Gasket	Neoprene

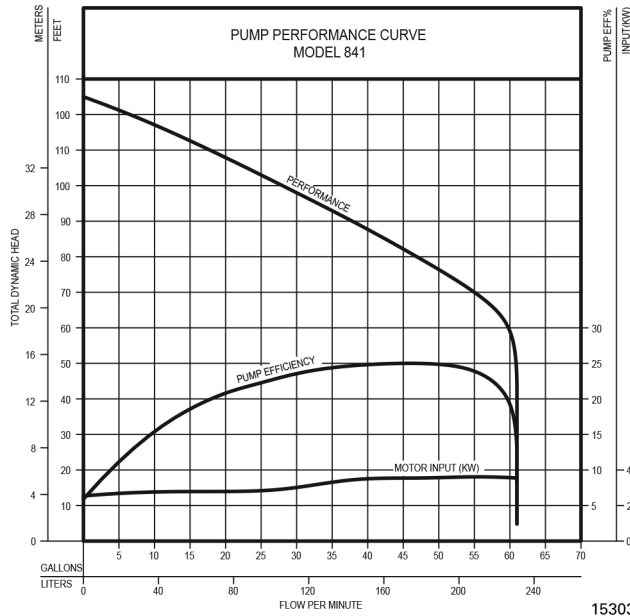
60 Hz



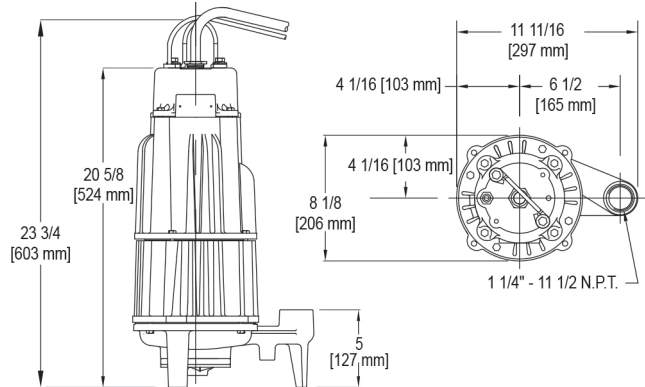
PUMP COMPANY

Zoeller Family of Water Solutions™

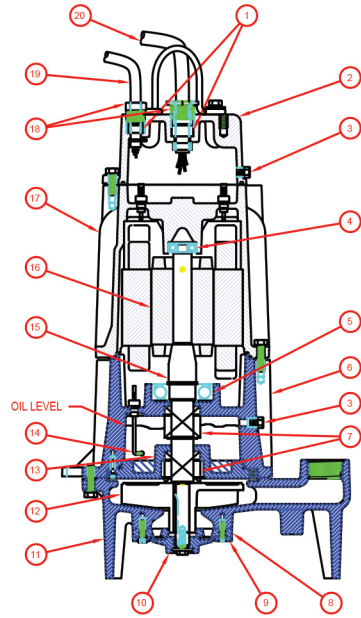
Model BL841



153034



SK2365



THREE PHASE

ITEM	DESCRIPTION	MATERIAL	QTY.
1	CORD SEAL	NEOPRENE	2
2	COVER HOUSING	ASTM A-48 CAST IRON/CLASS 30	1
3	OIL FILL AND TEST PLUG	HEX BRASS	3
4	UPPER BEARING	HIGH-CARBON STEEL #52100	1
5	LOWER BEARING	HIGH-CARBON STEEL #52100	1
6	ADAPTER	ASTM A-48 CAST IRON/CLASS 30	1
7	SHAFT SEAL	CARBON/CERAMIC	2
8	CUTTER PLATE	STAINLESS STEEL	1
9	CUTTER GUARD	NYLON	1
10	CUTTER	STAINLESS STEEL	1
11	PUMP HOUSING	ASTM A-48 CAST IRON/CLASS 30	1
12	IMPELLER	BRONZE - C8833	1
13	SEAL PLATE	ASTM A-48 CAST IRON/CLASS 30	1
14	MOISTURE SENSOR	BRASS	2
15	SHAFT	416 STAINLESS STEEL	1
16	MOTOR - ROTOR AND STATOR	SQUIRREL CAGE INDUCTION	1
17	MOTOR HOUSING	ASTM A-48 CAST IRON/CLASS 30	1
18	GLAND NUT	HEX BRASS	2
19	SENSOR CORD	SOW/SOOW	1
20	POWER CORD	SOW/SOOW	1

SK3013

Model

Model Number	Seal	Mode	Volts	Phase	Amps	KW (p1)	Hz	Lbs	Kg
BL841	Double	Non	220	1	17.2	3.5	60	132	60

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Your Peace of Mind is Our Top Priority®
3649 Cane Run Rd | Louisville, KY 40211 USA

+1 502-778-2731 | 1-800-928-7867 | Fax: +1 502-774-3624

www.zoeller.com

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- Includes a stainless steel handle for easy installation and removal.
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Specifications

Motor Characteristics

Motor	3.8 KW
Voltage	380 V
Phase	3 Ph
Hertz	60 Hz
RPM	3450 RPM
Type	Capacitor start/capacitor run
Insulation	Class F
Amps	6.8 Amps

Pump Characteristics

Operation	Nonautomatic
Discharge Size	1-1/4"
Cord Length	6 m (20') standard
Cord Type	SOW/SOOW
Max Head	38.1 m (125')
Max Flow Rate	231 LPM (61 GPM)
Max Operating Temp	54°C (130°F)
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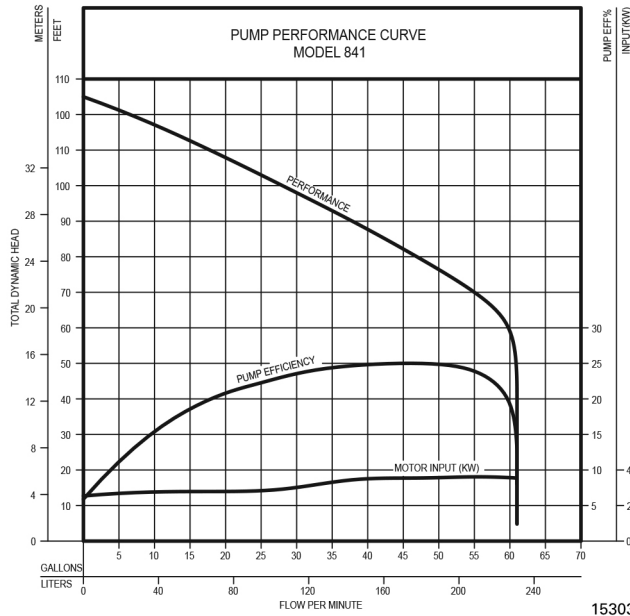
60 Hz



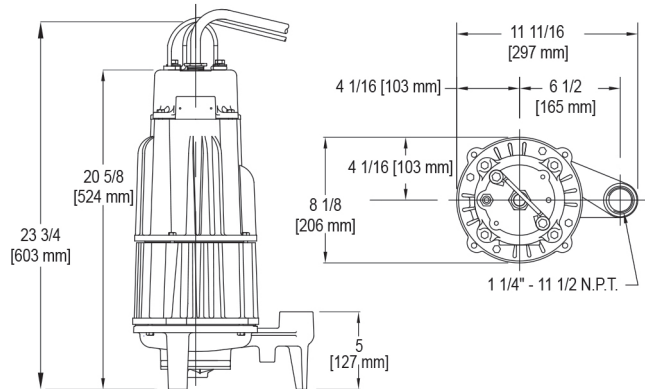
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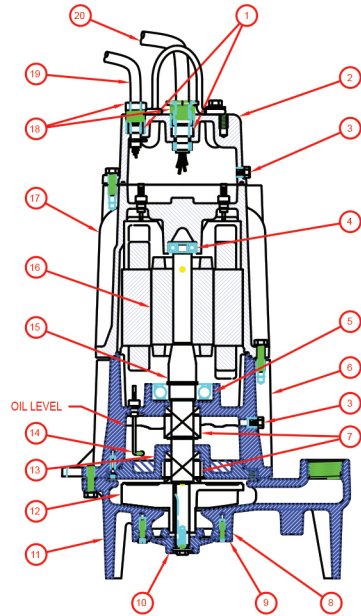
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7	SHAFT SEAL	CARBON/CERAMIC	2
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18	GLAND NUT	HEX BRASS	2
19	SENSOR CORD	SOW/SOOW	1
20	POWER CORD	SOW/SOOW	1

SK3013

Model

Model Number	Seal	Mode	Volts	Phase	Amps	KW (p1)	Hz	Lbs	Kg
K841	Double	Non	380	3	6.8	3.8	60	132	60

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