



**2 YEAR WARRANTY**

# Cast Iron Grinder Pump

**SWG20001DBK**    **2 HP**    **50 GPM**

Designed to grind and pump sewage containing tough materials including disposable wipes, tissue paper, and sanitary napkins.

A cutter inside the inlet will grind materials into small particles. The powerful 2 HP motor and engineered cutting system reduces clogging risk and makes discharge smoother.

### Features:

- Vortex impeller reduces clogging
- Special stainless steel cutter with heavy abrasive resistance
- Reliable and durable double mechanical seal
- Internal disc overload protection protects pump from overheating or other mechanical fault
- High head enables moving water to far distance
- 230 volt, single phase, 3450 RPM, 15 AMPS

### Typical Applications

- Pressurized sewage treatment system
- Community sewage system
- Domestic wastewater
- Waste water and sewage discharge for paper mill, textile factory and food processing

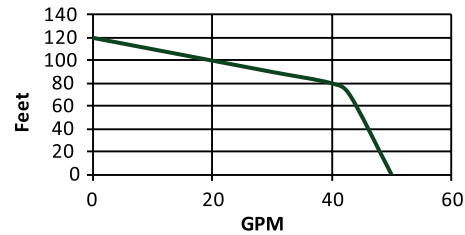


### Performance

Model No.	HP	Discharge Flow (GPM)						
		0'	70'	80'	90'	100'	110'	120'
<b>SWG20001DBK</b>	<b>2</b>	50	43	40	30	20	10	0

Application	
Submersible grinder pumps for typical residential applications	
Voltage	230
Hertz	60
Phase	Single
RPM	3450RPM
Motor type	(CSCR)
Insulation	Class B
Circuit requirements	20 AMP
Duty rating	Continuous*
Shaft seal	Mechanical seal
Motor Shaft	Stainless steel
Upper motor bearing	Ball bearing
Lower motor bearing	Ball bearing
Cooling	Oil cooled
Motor protection	Auto reset thermal overload protector
Pump Specifications	
Discharge size	1-1/4"NPT
Cord Length	20'
Cord type	SJOW 14AWG/3C, UL list
Pump Housing	Cast iron
Pump Base	Cast iron
Impeller material	Cast iron
Gasket	Rubber
Solids handling	1/10" spherical
Liquid temp.range	32°-104°F
Operation	Non-automatic
Fasteners	Stainless steel
Maximum flow rate	50 GPM
Maximum head	120 ft
Max pressure	51 psi

### Performance



Model	HP	Amps	Discharge Height(ft)	0	70	80	90	100	110	120
SWG20001DBK	2	15	GPM	50	43	40	30	20	10	0
			GPH	3000	2580	2400	1800	1200	600	0

### Dimensions

