

# THE SHARK<sup>®</sup> Series

Models

# 818, 819, 820

Grinder Series

Zoeller Shark<sup>®</sup> Series grinder pumps are engineered to grind and pump tough materials, including disposable wipes, found in today's wastewater applications.

- Dual blade, angled cutter design provides superior grinding with sharper cutting edges
- More torque delivered to each cutter blade
- Lowering amp spikes during demanding grinding cycles
- Cutting plate decreases solids to less than 1/8" (3 mm)
- Cool-run design incorporates an oil-filled motor with finned housings
- Automatic & non-automatic models
  - 1 HP: 115/200/230 Volt, 1 Phase
  - 1.5 & 2.0 HP: 200/230 Volt, 1 Phase
  - 1.0, 1.5 & 2.0 HP: 200/230/460/575 Volt, 3 Phase

**100% factory tested**



Grinder blade and cutting plate

**ZOELLER**<sup>®</sup>  
PUMP COMPANY

Trusted. Tested. Tough.<sup>®</sup>

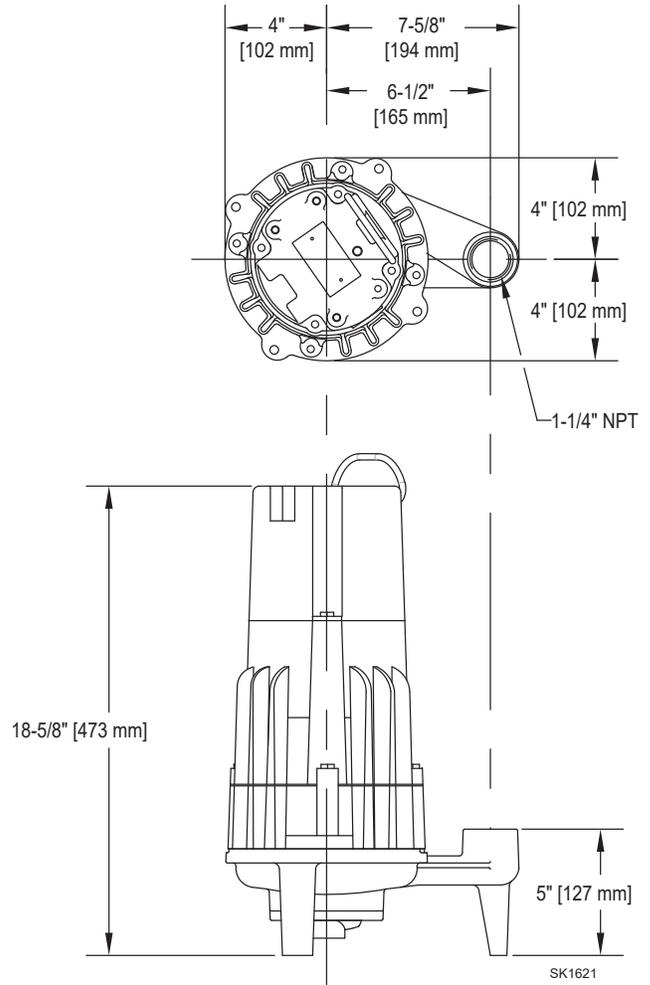
zoellerpumps.com 800-928-7867  
3649 Cane Run Road, Louisville, KY 40211 USA



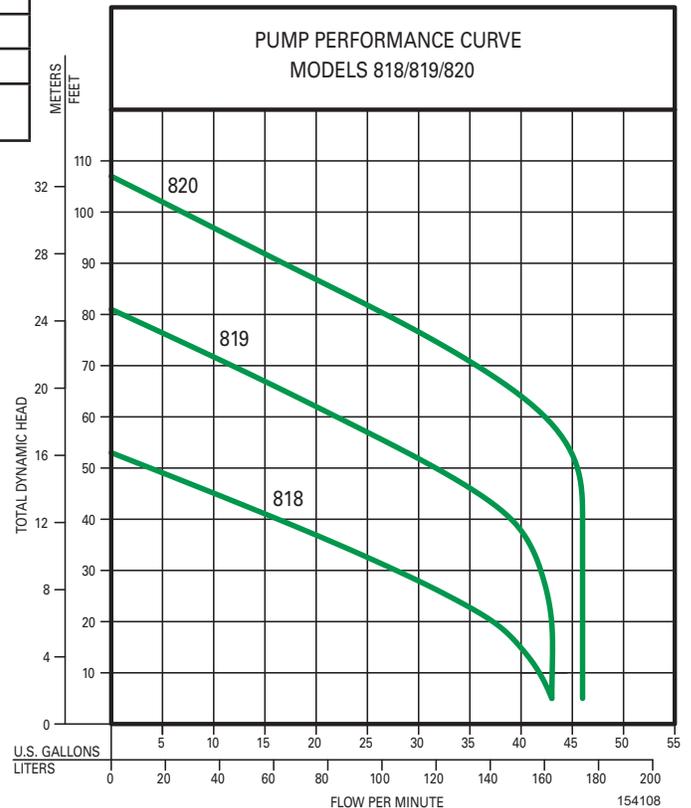
FM2966  
0420  
Spuersedes  
0117

# PRODUCT SPECIFICATIONS

<b>MOTOR</b>	Horse Power	1.0 - 2.0
	Voltage	115* / 200 - 575
	Phase	1 Ph or 3 Ph
	Hertz	60 Hz
	RPM	3450
	Type	Capacitor start / capacitor run or 3 Ph
	Insulation	Class B
	Amps	2.7 - 15.5
	<b>PUMP</b>	Operation
Auto On / Off		Variable level float switch, customer sets
Discharge Size		1-1/4" NPT vertical discharge
Cord Length		20' (6 m) standard
Cord Type		SOOW multi-wire neoprene
Max. Head		107' (32.6 m)
Max. Flow Rate		46 GPM (174 LPM)
Max. Operating Temp.		130 °F (54 °C)
Cooling		Oil filled
Motor Protection	Auto reset thermal overload (1 Ph)	
<b>MATERIALS</b>	Cap	Cast iron
	Motor Housing	Cast iron
	Adapter	Cast iron
	Pump Housing	Cast iron
	Upper Bearing	Ball bearing
	Lower Bearing	Ball bearing
	Mechanical Seals	Carbon / ceramic
	Impeller Type	Vortex
	Impeller	Engineered plastic
	Hardware	304 Stainless steel
	Motor Shaft	416 Stainless steel
	Gasket & Square Ring	Neoprene
	Cutter	Type 440C stainless steel hardened to Rockwell C55-60



\*115 Volt model 818 only



**CAUTION**

All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).

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