

## OPTIMAL APPLICATIONS

Blade grinder pumps are the ideal pump for solids handling applications requiring high head and low flow when a 2 HP residential grinder can't meet performance requirements.

- › Specialized for applications requiring flow between 30 and 130 gpm
- › Engineered for use in areas with high water tables and potential for I&I
- › Vortex impellers provide non-overloading capabilities to handle fluctuating head conditions from force mains
- › Built for light commercial applications including strip malls, restaurants, warehouses, gas stations or apartment buildings



**SEWAGE EJECTOR**

FLOW: Up to 430 gpm  
HEAD: 95 ft



**OGT**

FLOW: Up to 18 gpm  
HEAD: 240 ft



**BLADE**

FLOW: Up to 130 gpm  
HEAD: Up to 240ft



**SH**

FLOW: Up to 4000 gpm  
HEAD: Up to 265ft

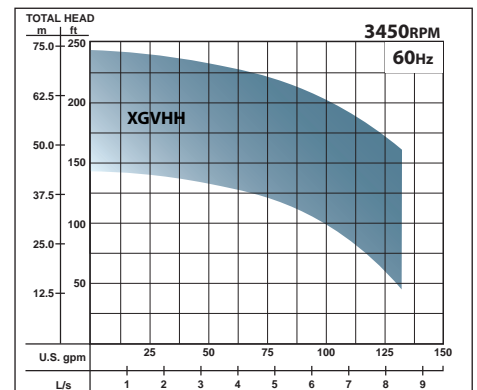
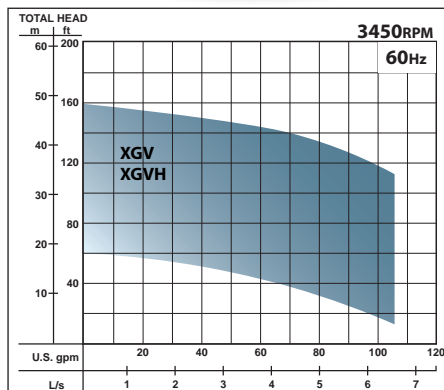


**SITHE**

FLOW: Up to 5000 gpm  
HEAD: Up to 150ft

## FEATURES & BENEFITS

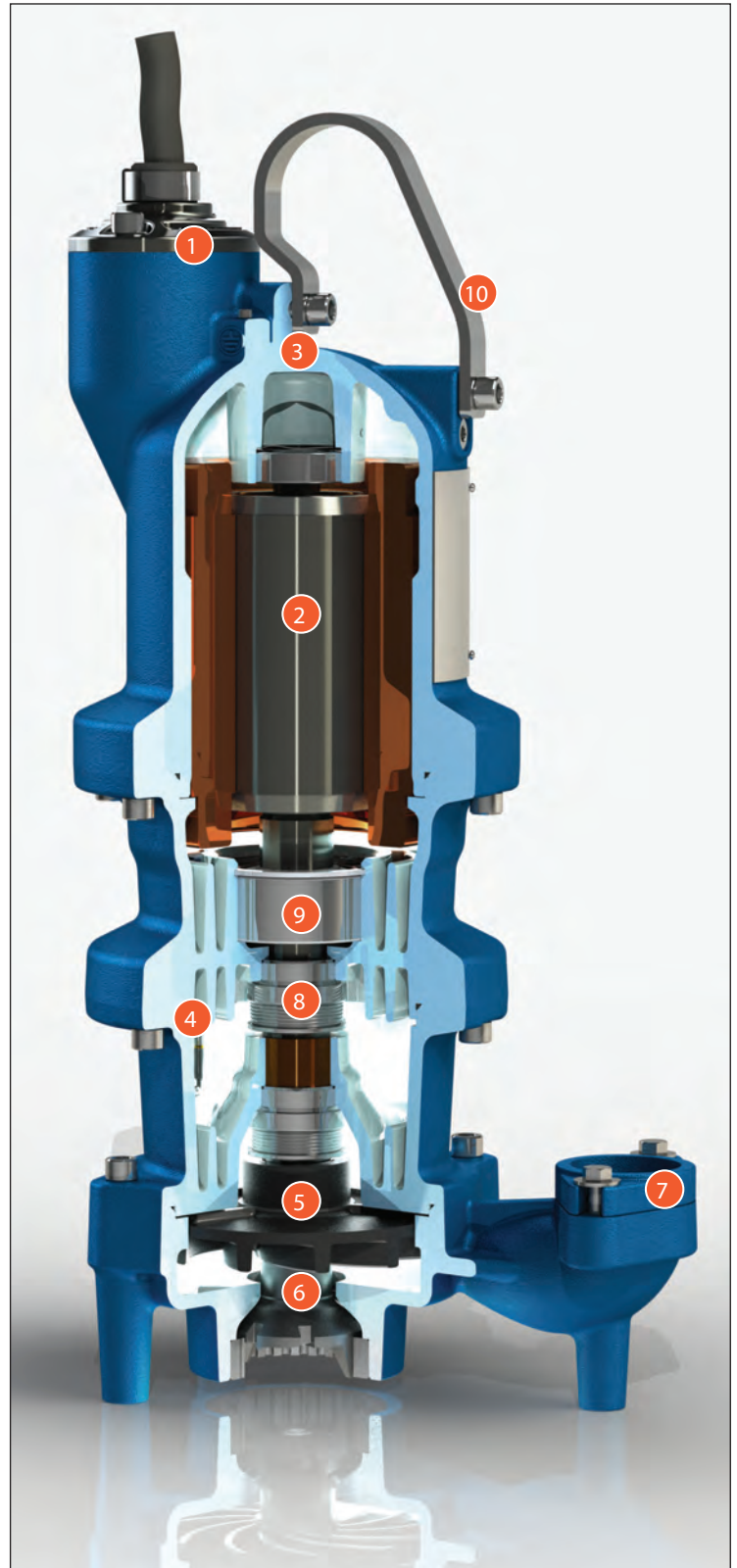
- › **Non-Overloading:** Built to handle varying flows without wear when pump runs with no load
- › **Ability To Package:** Unlike non-clog pumps with large discharge sizes, Blade 2" discharge is suitable for preconfigured packaged systems and turn key solutions
- › **Serviceability:** Plug-n-Play cord provides easy service without requiring removal of epoxy on conduit



# BLADE GRINDER PUMPS

BY BARNES®

1. Plug-n-play cord simplifies pump installation with its quick disconnect capability
2. Oil-Filled Motor for optimal motor cooling and maximum bearing life
3. Stainless steel hardware provides resistance against corrosion to extend pump life
4. Moisture detection probe alerts pending seal issues before water can enter the motor
5. Vortex impeller design greatly reduces clogging issues due to troublesome objects
6. Exclusive Slicerator™ slices with the full torque of the motor acting on a small area to provide the ultimate solution in solids reduction
7. Available in vertical or horizontal discharge (18 Frame only) for simple installation and replacement
8. Double mechanical seals provide maximum motor protection
9. Heavy duty, oil-lubricated bearings extend pump life
10. Large lifting Bail allows for easy installation
11. Optional explosion proof design gives an added peace of mind for pump operation and safety; Class I Group C & D Division 1 motors as standard with Class F insulation system



## APPLICATIONS

- › Municipal
- › Commercial
- › Institutional
- › Light Industrial