

# BLADE

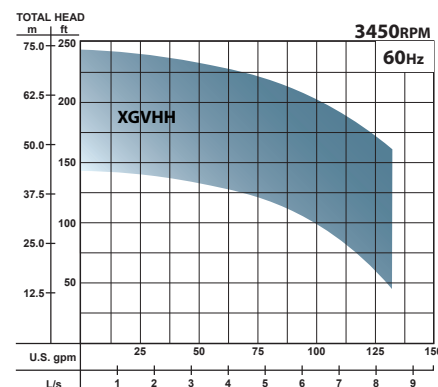
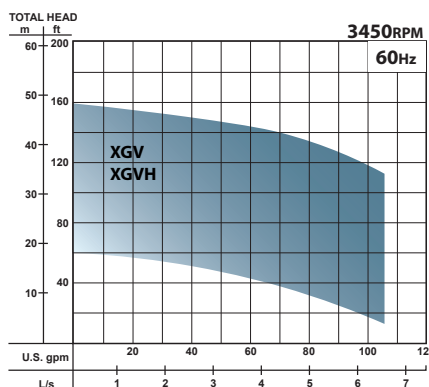
BY BARNES®

## HIGH HEAD, LOW FLOW SOLUTION

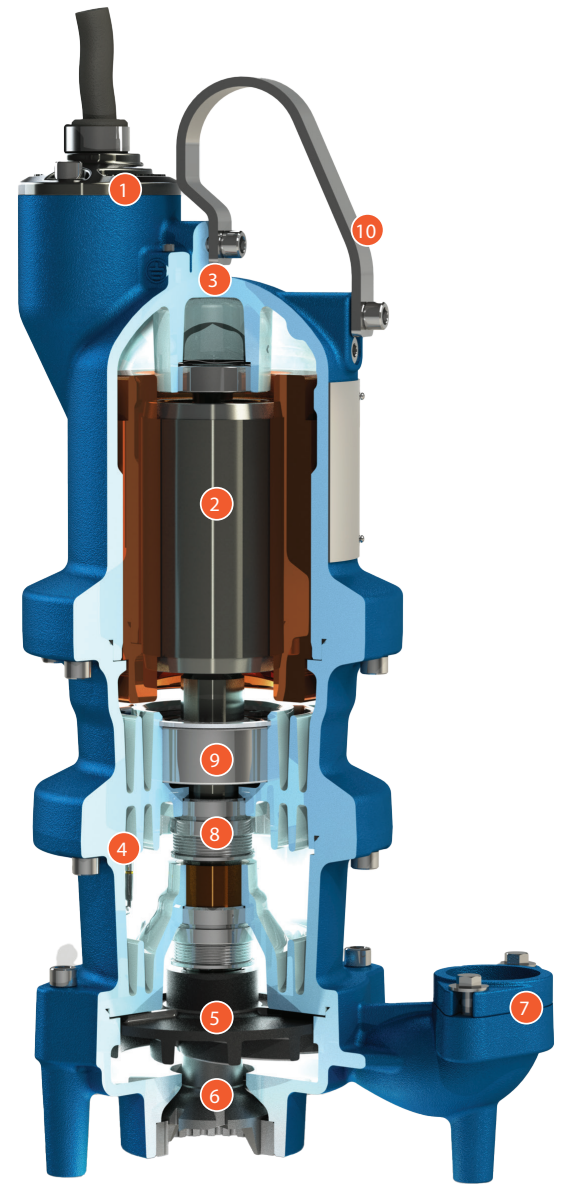
Blade grinder pumps are the ideal pump for solids handling applications requiring high head and low flow when a 2 HP residential grinder can't meet performance requirements.



- **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
- **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



- 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



INSTITUTIONAL



MUNICIPAL



COMMERCIAL



LIGHT INDUSTRIAL