

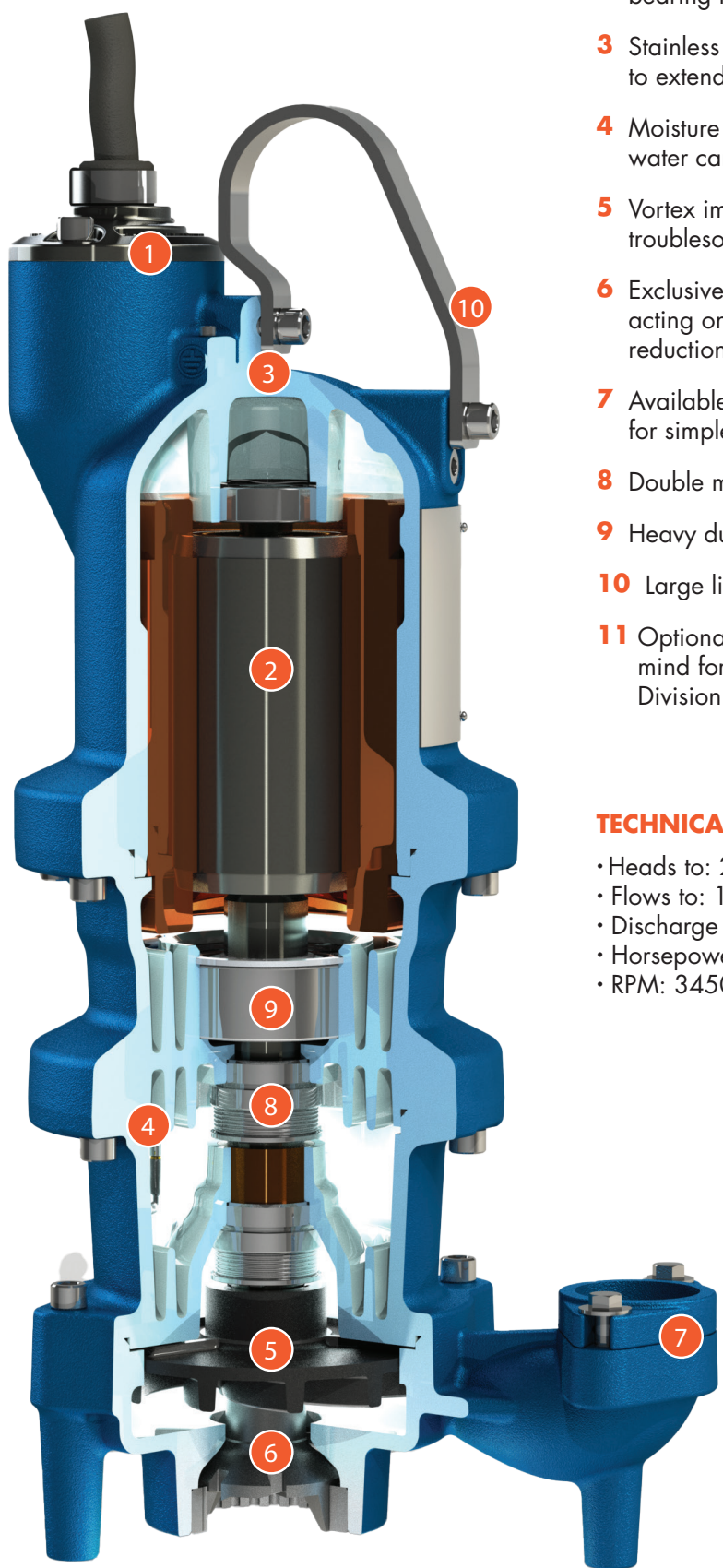
CRANE

PUMPS & SYSTEMS

- 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

TECHNICAL DATA

- Heads to: 240'
- Flows to: 150 gpm
- Discharge size: 2", 2.5", 3"
- Horsepower: 3, 5, 7.5, 10, 15
- RPM: 3450



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BARNES® BURKS® CROWN® DEMING® PROSSER® WEINMAN®

BLADE



BLADE

XGV/NGV GRINDER PUMP

Grinder pump series designed to handle wastewater applications requiring high capacity, high head, and high flow

APPLICATIONS



INSTITUTIONAL



MUNICIPAL

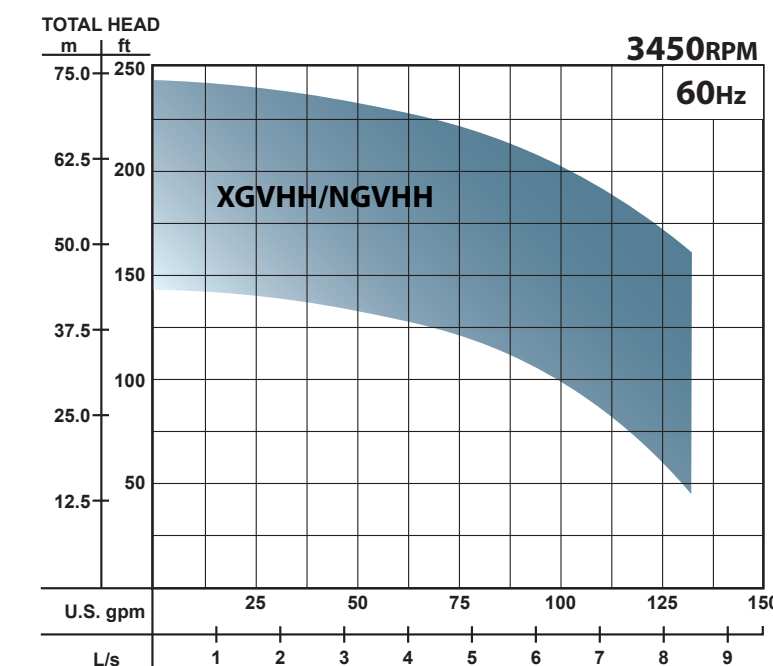
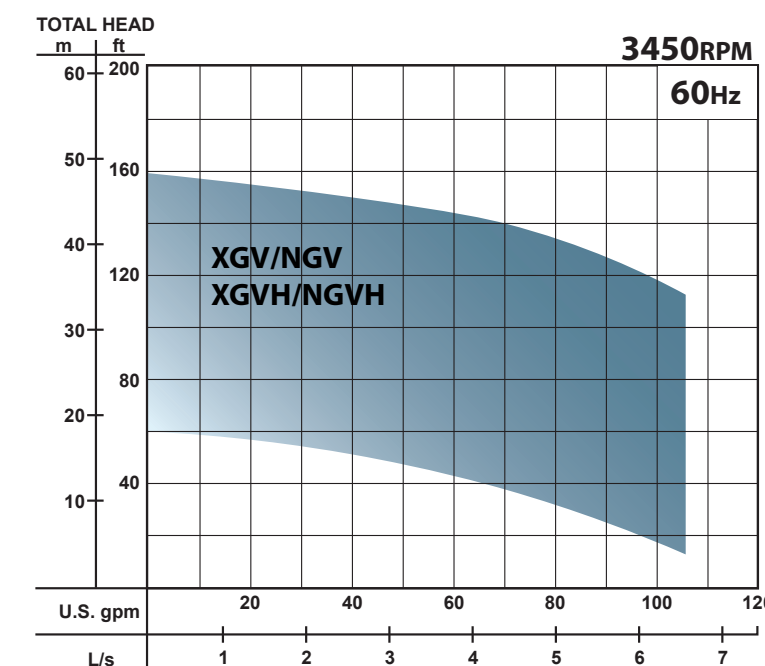


COMMERCIAL



LIGHT INDUSTRIAL

FEATURES	BLADE XGV/NGV	BLADE XGVHH/NGVHH
Discharge (in.)	2" NPT; 2", 2.5", 3" Flange	2.5", 3" Flange
Shutoff Head (Ft.)	160	242
Maximum Flow (gpm)	110	155
HP Range	3HP to 7.5HP	7.5HP to 15HP
Voltage	230/460/575	230/460/575
Speed (RPM)	3450	3450
Motor Fill	Oil	Oil
Motor Insulation	Class H Varnish	Class H Varnish
Shaft Material	416 Stainless Steel	416 Stainless Steel
Impeller Material	ASTM A-48 Cast Iron	ASTM A-48 Cast Iron
Mechanical Seal	Tandem Carbon/ Ceramic	Tandem Carbon/ Ceramic
Cutter Mechanism	Exclusive Slicerator Radial Cutter	Exclusive Slicerator Radial Cutter
Cutter Material	Hardened 440C Stainless Steel Rockwell C-55	Hardened 440C Stainless Steel Rockwell C-55
Cord	Plug-n-Play Quick Connect	Plug-n-Play Quick Connect
Upper Bearing	Single Row Ball	Single Row Ball
Lower Bearing	Double Row Ball	Double Row Ball
Sensors	Moisture & Temperature Integral With Power Cord	Moisture & Temperature Integral With Power Cord
Check Valve	Optional (Vertical discharge only)	N/A
Leg Kit or Pump Stand	Optional	Optional
Weight (lb.)	204	305
Warranty	24 months from date of manufacture	24 months from date of manufacture



BLADE ACCESSORY OPTIONS:

Break Away Fitting (BAF): Vertical - used with current grinders/sewage ejectors Horizontal - BAF-3x3

Stealth™ Control Panels: Family of Stealth Control Panels provides cost effective and reliable pump station operation.

Level Control Systems: Modularized control assemblies are available including mechanical floats and the ESPS™ (Environmentally Sealed Pressure Switch).

