

2HP EXTREMELY HIGH HEAD GRINDER PUMPS



Model: FNG2-21C
2HP, 3450RPM, 60Hz

SPECIFICATIONS:

DISCHARGE	1-1/4" NPT, Vertical
LIQUID TEMPERATURE	120°F(40°C) Continuous 140°F(40°C) Intermittent
CORD CAP	Cast Iron ASTM A-48,Class 30
MOTOR HOUSING	Cast Iron ASTM A-48,Class 30
VOLUTE	Ductile Iron
SEAL PLATE	Cast Iron ASTM A-48,Class 30
IMPELLER	440C Stainless Steel Two-sided turbine impeller, 60 Vane Dynamically Balanced,ISO G6.3
GRINDER IMPELLER	Hardened 440C Stainless Steel 56-60 Rockwell C
SHREDDING RING	Hardened 440C Stainless Steel 56-60 Rockwell C
SHAFT	420 Stainless Steel
O RING	Buna-N
SEAL: <i>Design</i>	Single Mechanical in Oil-Filled
<i>Material</i>	Rotating Face - Silicon Carbide Stationary Face - Silicon Carbide Elastomer - Buna -N Hardware - 300 Series Stainless
CABLE ENTRY	30 Ft (9.1m) Cord . Compression Grommet-Outer Jacket Seal Epoxy Potted – Inner Conductor Seal Butt Connector – Inner Wire Strand Wicking Blockage
UPPER BEARING	Single Row, Ball, Oil lubricated
LOWER BEARING	Single Row, Ball, Oil Lubricated
MOTOR	Single Phase, 2 HP, 3450 RPM, 60 Hz Dual voltage, 200 / 230 volts Includes Overload Protection in the Motor Oil Filled,Class F Capacitor Start / Capacitor Run
OPTIONAL EQUIPMENT:	Cord Length, Leg Kit Slicer cutter --FNC Version

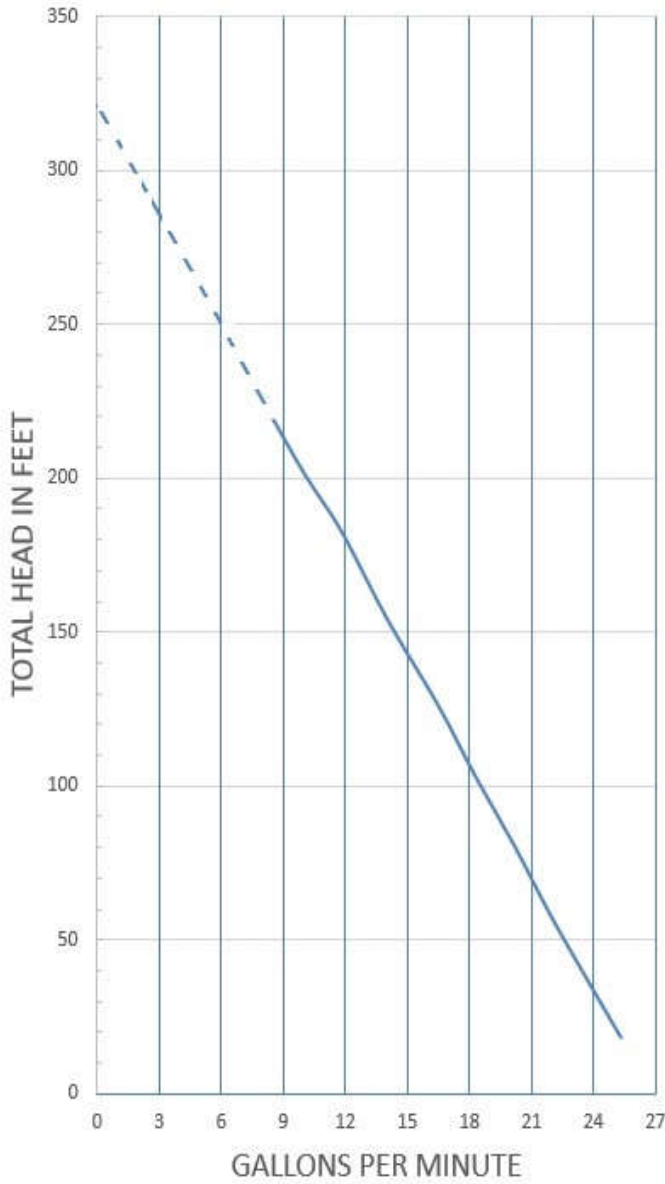
KEY FEATURES:

- Oil-filled motor for maximum motor cooling and constant bearing lubrication
- Capacitor start/run design for assured starting, strong torque and grinding under heavy load
- On-Winding current and temperature-sensitive overload
- Pressed stator for precise shaft / bearing alignment, long life
- Extremely high head up to 320 feet
- Revolutionarily Two-sided turbine impeller design
- Grinder impeller and shredding ring are made of 440C stainless steel hardened to 56-60 Rockwell C
- Clog-free volute design

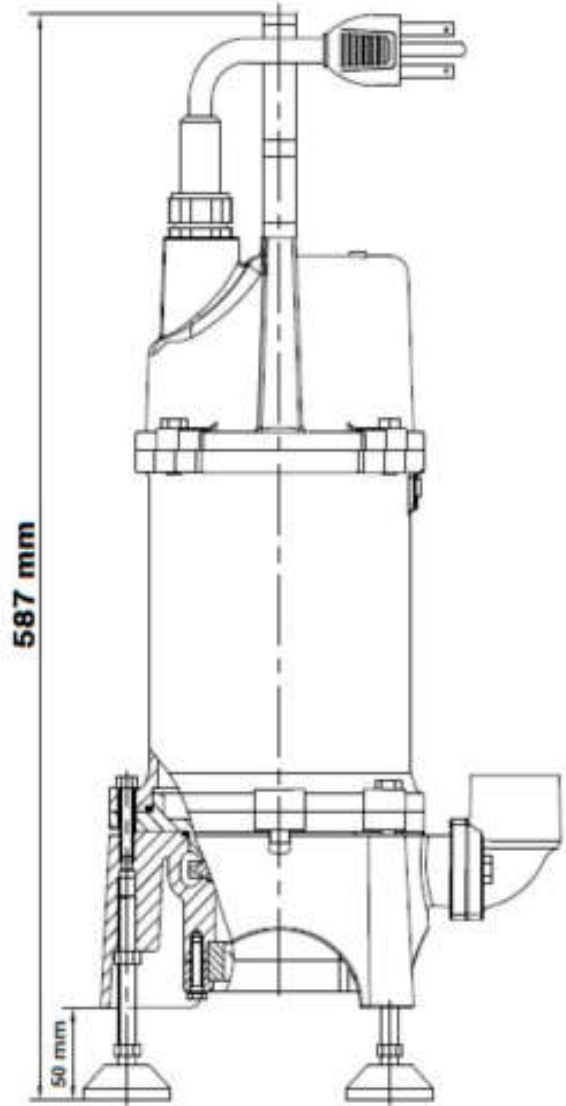


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PERFORMANCE CURVE



PUMP SIZE



ELECTRICAL DATA:

MODEL	HP	VOLT	PH/Hz	RPM	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	WEIGHT (LBS)
FNG2-21C	2	200~230	1/60	3450	15	25	14/3	SOW	88