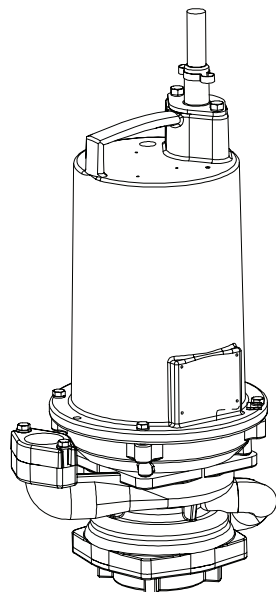


Submersible Grinder Pumps



Series: OGP 2HP, 3450RPM, 60Hz

This product may be covered by one or more of the following patents and other patent(s) pending:
US Patent 7,357,341



CSA 108 - File No. LR16567
UL 778

3 Phase Models are CSA Listed ONLY

Sample Specifications: Section 3 Page 10.

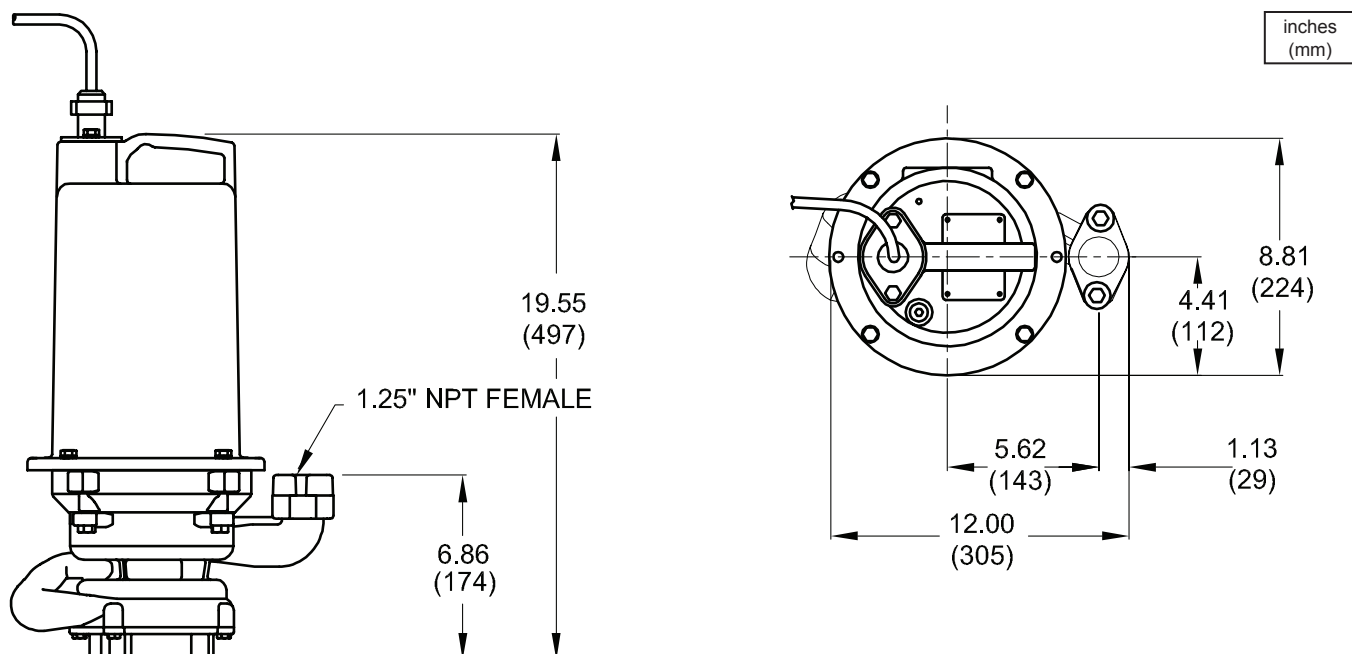
DESCRIPTION:

THE GRINDER PUMP IS DESIGNED TO REDUCE DOMESTIC SEWAGE TO A FINELY GROUND SLURRY.

Specifications:

DISCHARGE	1¼" NPT, Vertical, Bolt-on Flange
LIQUID TEMPERATURE	104°F (40°C) Continuous
VOLUTE	Cast Iron ASTM A-48, Class 30
MOTOR HOUSING	Cast Iron ASTM A-48, Class 30
SEAL PLATE	Cast Iron ASTM A-48, Class 30
IMPELLERS: <i>Design</i>	12 Vane, Vortex, With Pump Out Vanes On Back Side. Dynamically Balanced,
ISO G6.3.	
<i>Material</i>	85-5-5-5 Bronze
IMPELLER SPACER	300 Series Stainless Steel
SHREDDING RING	Hardened 440C Stainless Steel Rockwell® C-55.
CUTTER	Hardened 440C Stainless Steel, Rockwell® C-55.
SHAFT	416 Stainless Steel
SQUARE RINGS	Buna-N
HARDWARE	300 Series Stainless Steel
PAINT	Air Dry Enamel.
SEAL: <i>Design</i>	Single Mechanical
<i>Material</i>	Rotating Faces - Silicon-Carbide Stationary Faces - Silicon-Carbide Elastomer - Buna-N Hardware -300 Series Stainless
CORD ENTRY	30 ft. (9.1 m) Std. Cord. Custom Molded Quick Connect, for Sealing and Strain Relief
CORD <i>Manual</i>	CSA/UL Approved, 12/4 Type SOW
UPPER BEARING:	
<i>Design</i>	Single Row, Angular contact Ball
<i>Lubrication</i>	Oil
<i>Load</i>	Radial & Thrust
LOWER BEARING:	
<i>Design</i>	Single Row, Angular contact Ball
<i>Lubrication</i>	Oil
<i>Load</i>	Radial & Thrust
MOTOR: <i>Design</i>	NEMA L-Single Phase Torque Curve, Oil-Filled, Squirrel Cage Induction (includes overload protection in the motor), NEMA B three phase torque curve.
<i>Insulation</i>	Class F
SINGLE PHASE	Capacitor Start/Capacitor Run.
THREE PHASE	Tri-Voltage 200/240-480, requires overload protection to be included in control panel.
OPTIONAL EQUIPMENT	Cord Length, Moveable Fitting
RECOMMENDED:	
<i>Accessories</i>	Break Away Fitting (BAF) Check Valve Control Panel
<i>Seal Kit PN</i>	116664
<i>Service Kit PN</i>	116665

Submersible Grinder Pumps



MODEL NO	PART NO	HP	VOLT	PH/Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	CORD O.D. ± .02 (.5) in (mm)
OGP2022L	115328	2	240	1 / 60	3450	H	16.5	53.8	12/3	SOW	.61 (15.5)
OGP2062L	134925	2	200	3 / 60	3450	L	10.8	52.7	12/4	SOW	.67 (17.0)
OGP2032L	135034	2	240	3 / 60	3450	L	8.9	43.9	12/4	SOW	.67 (17.0)
OGP2042L	135035	2	480	3 / 60	3450	L	4.5	22.0	12/4	SOW	.67 (17.0)

FOR 3 PHASE MODELS: TEMPERATURE SENSOR CORD IS 14/3 SOW, 0.55 (14MM) ± .02 (.51MM) O.D.

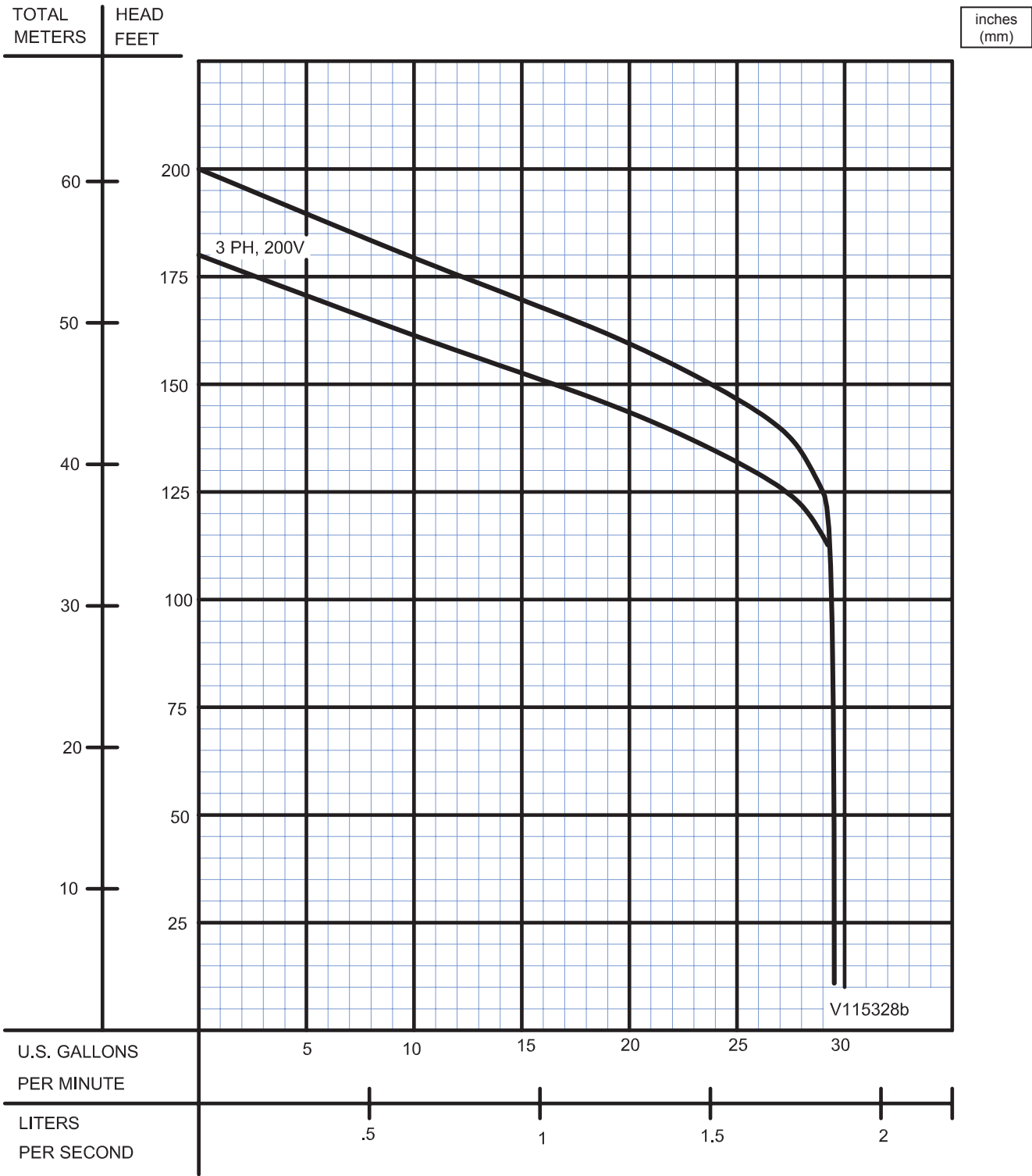
IMPORTANT !

- 1.) PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.
- 2.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

Series OGP

Performance Curve
2HP, 3450RPM, 60Hz, High-Flow

Submersible Grinder Pumps



Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance