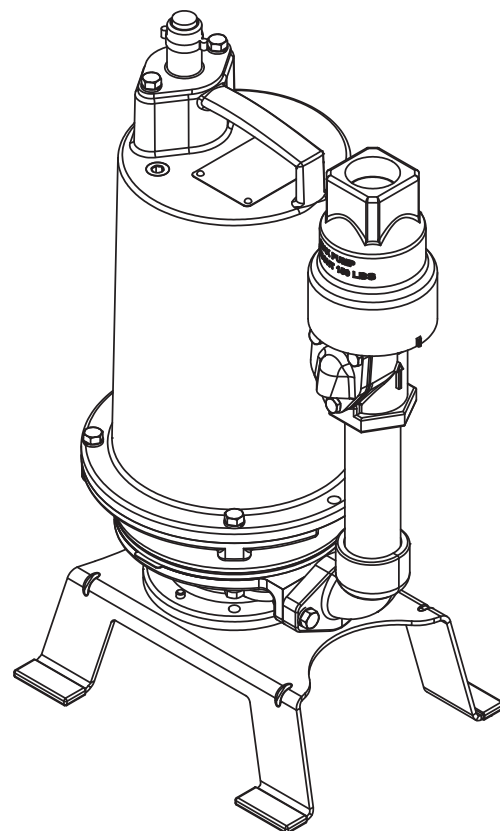


Submersible Grinder Pumps

Specifications:

DISCHARGE	1¼" NPT SCH 80, 300 Series SS
CHECK VALVE	1¼" NPT Cast Iron
<i>Style</i>	Flapper with Integrated Anti-Siphon
LIQUID TEMPERATURE	104°F (40°C) Continuous
MOTOR HOUSING	Cast Iron ASTM A-48, Class 30.
SEAL PLATE	Cast Iron ASTM A-48, Class 30.
SUCTION CASING	Cast Iron ASTM A-48, Class 30.
IMPELLER	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
O-RINGS	Buna-N
HARDWARE	300 Series Stainless Steel
PAINT	Air Dry Enamel
SEAL:	
<i>Design</i>	Single Mechanical
<i>Material</i>	Rotating Face - Silicon Carbide Stationary Face - Silicon Carbide Elastomer - Buna-N Hardware - 300 Series Stainless
CORD ENTRY	20ft. (6m) Cord with Plug, Custom Molded Quick Connect for Sealing with Strain Relief.
CORD:	
<i>Type</i>	14/3 CSA/UL Approved SOW
SPEED:	3450 RPM, 60Hz
UPPER BEARING:	
<i>Design</i>	Single Row, Ball, Oil Lubricated
<i>Load</i>	Radial
LOWER BEARING:	
<i>Design</i>	Single Row, Ball, Oil Lubrication
<i>Load</i>	Radial & Thrust
MOTOR:	
<i>Design</i>	NEMA, Oil-Filled, Squirrel Cage Induction
<i>Insulation</i>	Class F
<i>Type</i>	Capacitor Start/Capcitor Run
LEVEL CONTROL:	
<i>A Series</i>	Pipe Mounted, Piggy-Back Mechanical with 240V Plug
OPTIONAL EQUIPMENT	Additional cord



Patent Pending

Series: PGPT
1HP, 3450RPM, 60Hz

DESCRIPTION:

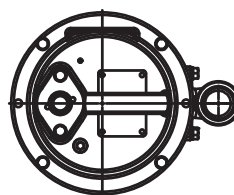
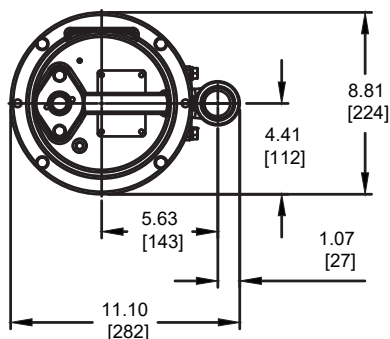
GRINDER PUMP DESIGNED TO REDUCE DOMESTIC SEWAGE TO A FINELY GROUND SLURRY.



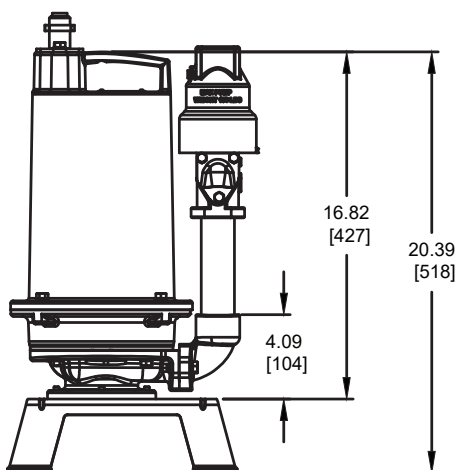
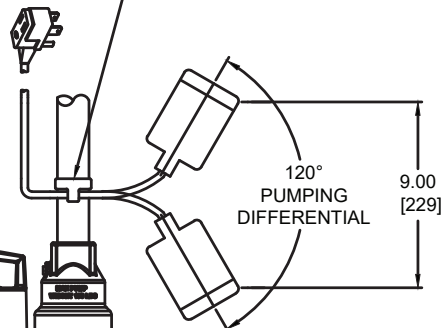
WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

Submersible Grinder Pumps

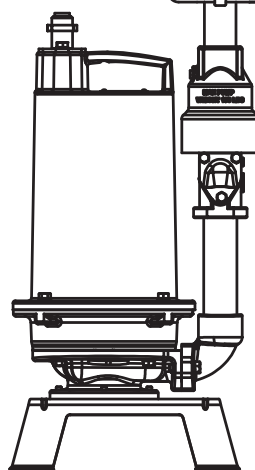
inches
(mm)



FLOAT MUST BE SECURED BEFORE OPERATION!
SEE INSTRUCTIONS INCLUDED WITH FLOAT!



MANUAL



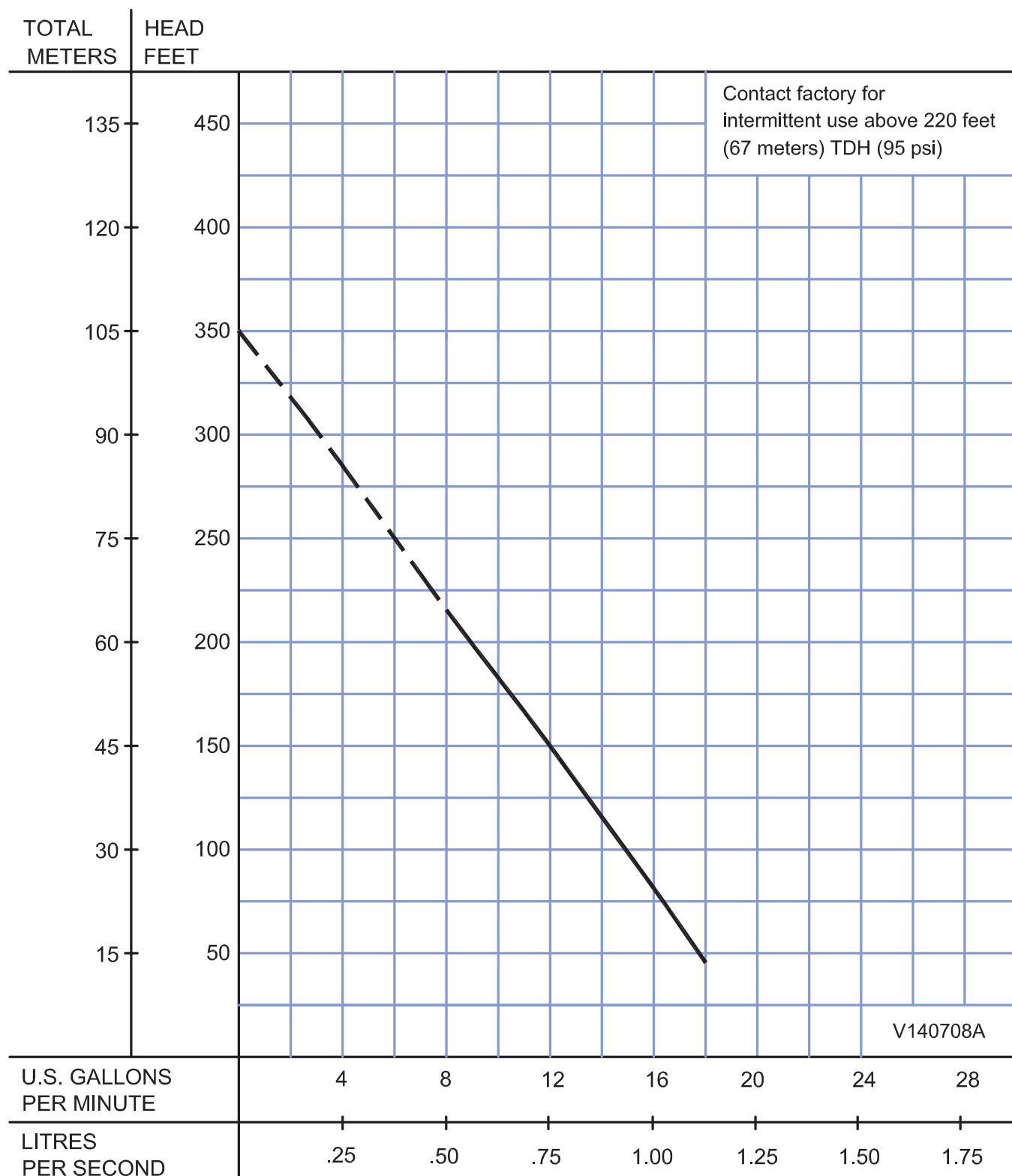
AUTOMATIC

MODEL NO	PART NO	HP (kW)	VOLT	PH/Hz	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD SIZE	CORD TYPE	CORD O.D. ± .02 (.5) in (mm)	CORD LENGTH FT. (m)
PGPT1022	140708	1 (.75)	240	1 / 60	K	12.5	35.0	14/3	SOW	.61 (15.5)	20 (6.1)
PGPT1022A	140709	1 (.75)	240	1 / 60	K	12.5	35.0	14/3	SOW	.61 (15.5)	20 (6.1)

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.

Submersible Grinder Pumps



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