

## GP-M SERIES - 2 HP

### APPLICATIONS

Ideal for residential sewage waste transfer where high head conditions exist

### FEATURES

- Powerful 2 hp single-phase, 3450 rpm with capacitor start/run motor with built-in overload protection to prevent over-current and over-temperature damage
- High starting torque motor to handle the demands of grinding domestic sewage
- Externally mounted start components\*
- Epoxy-coated cast iron finish for corrosion resistance and durability
- Mechanical seal: carbon/ceramic seals
- Deflection-resistant, short motor shaft
- Corrosion-resistant brass impeller minimizes downtime and maintenance
- Seven-vane, angled face, non-clogging balanced impeller
- Tight cutting clearances for superior cutting action, grinding 414,000 cuts per minute
- Compact, easy-to-lift pump

Shown with optional leg kit 599078 - GLK



(U.S. Patent No. 7,237,736)

### SERIES SPECIFICATIONS

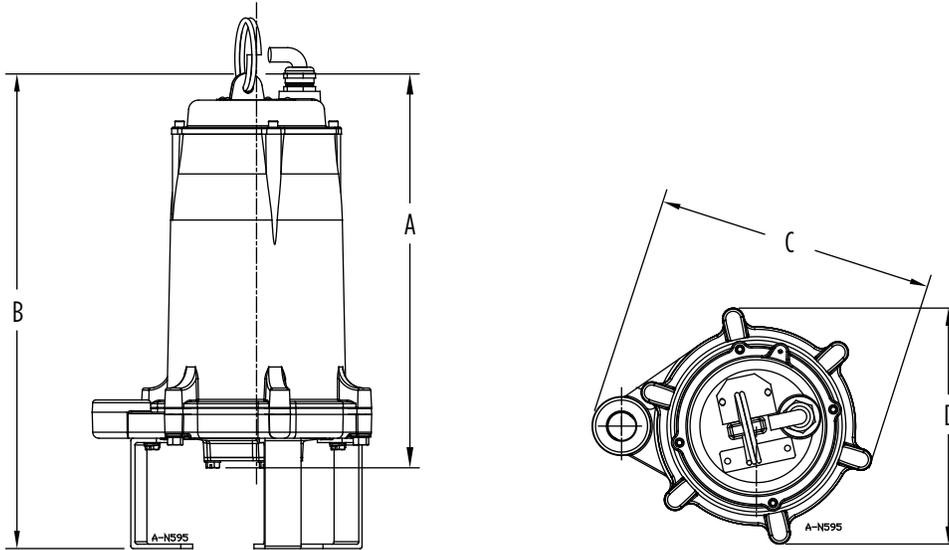
Item No.	Model	Listing	HP	Volts	Hz	Phase	Full Load		Performance (GPM @ Head)						Shut-Off	PSI	Cord	Weight
							Amps	Watts	20'	40'	60'	80'	100'	120'				
*520862	GP-M231-15	UL/CSA	2	208-230	60	1	13.9	3200	32	31	30	25	20	10	130	56	15	81
*520864	GP-M231-30	UL/CSA	2	208-230	60	1	13.9	3200	32	31	30	25	20	10	130	56	30	82
520870	GP-M233-30	UL/CSA	2	208-230	60	3	10.0	1300	32	31	30	25	20	10	130	56	30	82
520871	GP-M463-30	UL/CSA	2	460	60	3	4.5	1025	32	31	30	25	20	10	130	56	30	82
520872	GP-M575-30	UL/CSA	2	575	60	3	3.0	850	32	31	30	25	20	10	130	56	30	82

\*The GP Series requires a specific control panel or capacitor kit from Little Giant\* matched to the pump for proper operation and third-party approval

# GRINDER PUMPS

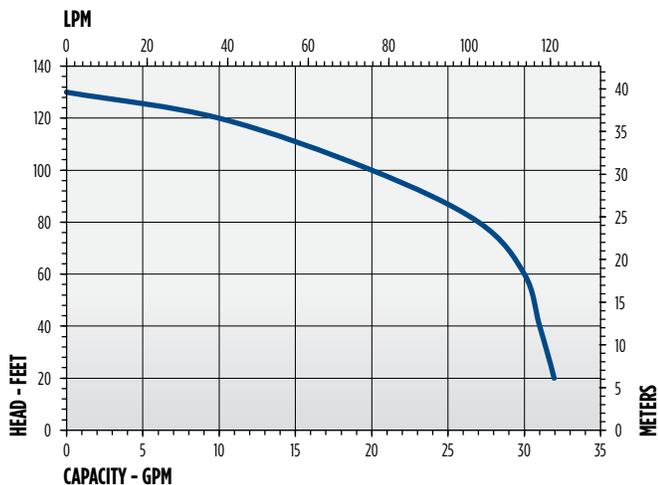
## GP-M SERIES - 2 HP

### ENGINEERING DATA



Model	A	B	C	D
GP-M	16.1" 40.9 cm	19.39" 49.25 cm	11.5" 29.21 cm	9.62" 24.43 cm

### PERFORMANCE DATA



### CONSTRUCTION

<b>Motor Cover</b>	Cast iron with epoxy coating
<b>Motor Cover O-Ring</b>	Nitrile
<b>Motor Design</b>	Single-phase, capacitor start, capacitor run
<b>Insulation Class</b>	F
<b>Overload Protection</b>	Internal, on winding thermal protector
<b>Motor Shaft</b>	AISI 300 Series stainless steel
<b>Ball Bearing - Upper</b>	Single row ball, 6203
<b>Ball Bearing - Lower</b>	Single row ball, 6306
<b>Seal Housing</b>	Cast iron with epoxy coating
<b>Mechanical Seal</b>	Carbon/ceramic
<b>Volute</b>	Cast iron with epoxy coating
<b>Impeller</b>	Brass
<b>Rotating Cutter</b>	2 blade design, AISI 440C stainless steel, through-hardened to Rockwell 55-60C
<b>Stationary Cutter</b>	AISI 440C stainless steel, hardened to Rockwell 55-60C
<b>External Hardware</b>	300 Series stainless steel
<b>Power Cable</b>	Type SOW or SOW 14/3 AWG