



## Guzzler® 12 VDC Electric Pump GE-0503D



Pictured with pressure gauge  
— not included

- 3.2 – 12.9 GPM
- Features 12 VDC motor with optional speeds from 23 – 94 RPM
- Accommodates 1-1/4" – 2" hose
- Large flange sizes suitable for sanitation applications

### Specifications / Options

<b>Body &amp; Ports *</b>	Delrin / Gray
<b>Clamp Ring</b>	Aluminum Motor Mounting Plate
<b>Valves *</b>	Flapper, Duckbill
<b>Diaphragm *</b>	Buna-N, Buna-N Double Sided, Neoprene, Viton, EPDM, Silicone
<b>Clevis/Button Assembly *</b>	SS Washer + Aluminum Clevis
<b>Motor</b>	12 VDC, 1/6 HP

\* in contact with fluid

### Available 12 VDC Motors & Performance

Pump Flow Rate <sup>3</sup> (GPM)	Motor Speed <sup>3</sup> (Name-plate RPM)	Full Load Torque (In-Lbs.)	Input HP	Full Load Amps	Max Pressure (psi)	Max Lift <sup>4</sup> (ft)	Max Head (ft)
3.2	23	280	1/6	9.4	15	20	25
4.3	31	278	1/6	14.0	15	20	25
6.9	50	183	1/6	14.0	13	20	25
8.8	64	150	1/6	14.0	10	20	23
12.9	94	102	1/6	14.0	7	16	16

<sup>3</sup> at 0 lift, 0 head

<sup>4</sup> Check valve recommended for lifts above 12 ft.

### Performance

<b>Flow Rate</b>	per stroke: 0.55 Qt (0.52L)
<b>Max Lift</b>	20 ft (6.1 m) <sup>1,2</sup>
<b>Max Head</b>	25 ft (7.6 m) <sup>1</sup>
<b>Max Pressure</b>	15 psi (1.0 bar) <sup>1</sup>
<b>Max Service Temp</b>	150°F (66°C)

<sup>1</sup> depending on choice of motor

<sup>2</sup> with a check valve

### Available Ports

	in	1-1/4	1-1/2	2
	cm	3.18	3.81	5.08
<b>Hose (Smooth)</b>			S	•
<b>NPT Female (Tapped)</b>		•		
<b>NPT Male (Threaded)</b>			•	

S Standard • Optional

### Motor Specifications

<b>Motor Type</b>	12 VDC, Permanent Magnet
<b>Enclosure</b>	Total Enclosed Non-ventilated
<b>Brushes</b>	Externally replaceable
<b>Rotation</b>	Reversible
<b>Ambient</b>	40°
<b>Thermal Protection</b>	None
<b>Lubrication</b>	Permanent Heavy Fluid Gear Oil
<b>Gears</b>	Hardened Steel
<b>Weight</b>	~12 lbs
<b>Certifications</b>	UL Recognized (E47479)

### Valve Options

**Flapper** — General purpose liquid transfer.



**Duckbill** — For dirty liquid and sewage. Permits mounting in any position.



Installation Note: Pump cannot be mounted using pump body mounting feet alone. Motor needs additional support.



Optional motor support bracket.  
(Part # BR-01.)



# Guzzler® 12 VDC Electric Pump GE-0503D



**Example: GE-0503D-011-48-8080-PL**

- Guzzler Electric Pump
- Model style #0503D: Delrin Body, Opposite Side Ports
- No Variable Speed control option
- Buna-N Flapper Valves
- Buna Diaphragm
- SS Washer & Aluminum Clevis
- Motor Mounting Plate Clamp Ring
- Inlet: 1-1/2" Smooth
- Outlet: 1-1/2" Smooth
- 12 VDC 64 RPM Motor

Guzzler Product	
Option	Code
Electric Pump	GE

Style (Family)	
Option	Code
Delrin, Opp. Side Ports	0503D

Speed Control	
Option	Code
None	0

Valves	
Option	Code
Flapper (Buna-N)	1
Duckbill (Buna-N)	6

Diaphragm	
Option	Code
Buna Nitrile	1
Buna-N 3-Ply	2
Neoprene	3
Viton	4
EPDM	5
Silicone	7

**GE - 0503D - 0 1 1 - 4 8 - 80 80 - PL**

Clevis/Button Assembly	
Option	Code
SS Washer & Alum Clevis	4

Clamp Ring	
Option	Code
Motor Mounting Plate	8

Option	Code	
	Inlet	Outlet
1-1/4" NPT Tapped	71	71
1-1/2" Smooth	80	80
1-1/2" NPT Threaded	82	82
2" Smooth	90	90

12 VDC Motor	
Option (Speed / Torque)	Code
23 rpm / 280 in-lbs	PC
31 rpm / 278 in-lbs	PE
50 rpm / 183 in-lbs	PG
64 rpm / 150 in-lbs	PL
94 rpm / 102 in-lbs	PS
No Motor	00

