

Guzzler® 12 VDC 2- Inch Electric Pump GE-2603A/B



GE-2603A

- 4.6 – 18.0 GPM, depending on motor/gear reducer selected
- Features 12 VDC motor with optional pump speeds from 23 – 90 cycles/min
 - Motor attaches to NEMA 56-C gear reducer flange
- Available in aluminum (GE-2600A) or bronze (GE-2600B)
- Accommodates 1-1/4" - 2" hose

Specifications / Options

Body & Ports *	Epoxy-coated Aluminum (Blue), Epoxy-coated Bronze (Bronze)
Clamp Ring	Aluminum or Bronze Motor Mounting Plate
Valves *	Buna-N Flapper w/molded steel reinforcement plate
Diaphragm *	Buna-N Double Sided
Clevis/Button Assembly *	Stainless Steel
Motors	Accommodates NEMA 56-C motor; other models equipped with 115 VAC and 24 VDC motors

* in contact with fluid

Motor Specifications

Motor Type	Permanent Magnet
Enclosure	Totally enclosed, non-ventilated
Voltage	12 VDC
Rotation	Reversible
Ambient	40°
Thermal Protection	None
Mounting	NEMA 56C-Face
Weight	~30 lbs
Length	11.9 in (30.3 cm)
Certifications	UL Recognized (E57948, CSA Certified)

Performance

Flow Rate	Per stroke: 0.80 Qt (0.76 L)
Max Lift	20 ft (6.1 m) ^{1,2}
Max Head	25 ft (7.6 m) ¹
Max Pressure	13 psi (0.9 bar) ¹
Max Service Temp	190°F (88°C)

¹ depending on choice of motor/gear reducer

² with a check valve

Available Ports

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

S Standard • Optional

Valve Options



Flapper — General purpose liquid transfer. Features molded steel reinforcement plate.

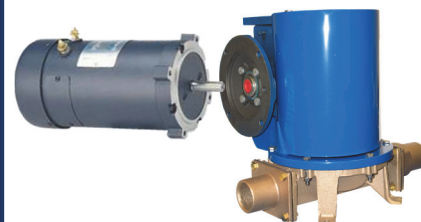
Available 12 VDC Motor / Gear Reducers

Pump Flow Rate ³ (GPM)	Pump Speed ³ (cpm)	Output Torque (in-lbs)	Gear Ratio	Max Pressure (psi)	Max Lift/Head ⁴ (ft)	Input HP	Full Load Amps ⁵
4.6	23	311	80:1	10	20 / 23	1/4	21.0
7.2	36	374	50:1	12	20 / 25	1/3	27.0
9.0	45	431	40:1	13	20 / 25	1/2	39.0
12.0	60	395	30:1	12	20 / 25	1/2	39.0
14.4	72	348	25:1	11	20 / 25	1/2	39.0
18.0	90	288	20:1	9	20 / 21	1/2	39.0

³ at 0 lift, 0 head

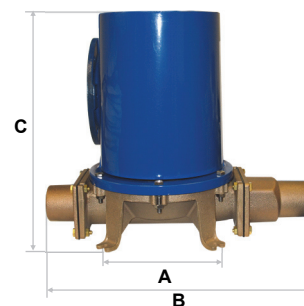
⁴ Check valve recommended for lifts over 12 ft.

⁵ at nameplate voltage



GE-2603B

Note: Dimensions and weights shown below do not include motor.



	in	cm
A	5-3/4	14.6
B	14-3/4	37.5
C	12	30.5
D	6-3/8	16.2
E	11-1/2	29.2
Mounting Holes	1/4	0.64
Weight (Aluminum)	35.85 lb	16.2 kg
Weight (Bronze)	44.15 lb	20.0 kg

* Excluding motor

Guzzler® 12 VDC Electric Pump

GE-2603A/B

Product Model Number Nomenclature Guide



GE-2603A

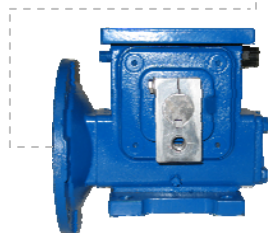
GE-2603B

Example: GE-2603A-012-38-9090-MJ

- Guzzler Electric Pump
- Model style #2603A: Aluminum Body, Opposite Side Ports
- Buna-N Flapper Valves
- Buna-N Double-Sided Diaphragm
- Stainless Steel Clevis/Button Assembly
- Motor Mounting Plate Clamp Ring
- Inlet: 2" Smooth
- Outlet: 2" Smooth
- 1/2 HP motor; 60 cycles/min (cpm) / 395 in-lbs torque



12 VDC Motor



Gear Reducer & Motor-ready Flange



Clevis/Actuator



Clamp Ring



Button



Diaphragm



Button

Valve

Valve



Inlet

Body

Outlet

Guzzler Product	
Option	Code
Hand Pump	GE

Style (Family)	
Option	Code
Alum., Opp. Side Ports	2603A
Bronze, Opp. Side Ports	2603B

Speed Control	
Option	Code
None	0

Valves	
Option	Code
Flapper (Buna-N)	1

Diaphragm	
Option	Code
Buna-N Dbl Sided	2

GE - 2603A - 0 1 2 - 3 8 - 90 90 - MJ

Clevis/Button Assembly	
Option	Code
Stainless Steel	3

Clamp Ring	
Option	Code
Motor Mounting Plate	8

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

12 VDC Motor		
Option	Code	
(Pump Speed / Torque)		
23 cpm / 311 in-lbs	MC	
36 cpm / 374 in-lbs	ME	
45 cpm / 431 in-lbs	MG	
60 cpm / 395 in-lbs	MJ	
72 cpm / 348 in-lbs	MN	
90 cpm / 288 in-lbs	MQ	