The Bosworth Company

Guzzler® 24 VDC 2-Inch Electric Pump GE-2604A/B

GE-2604A

- **6.0 – 18.0 GPM, depending on motor/gear reducer selected**
- **Features 24 VDC motor with optional pump speeds from 30 – 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 12 VDC motors

* in contact with fluid

Motor Specifications

Motor Type	Permanent Magnet
Enclosure	Totally enclosed, non-ventilated
Voltage	24 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

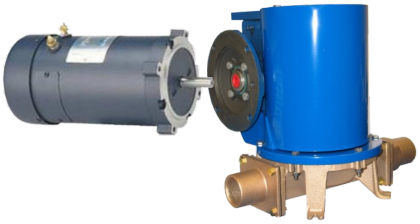
Valve Options

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

Available 24 VDC Motor / Gear Reducers

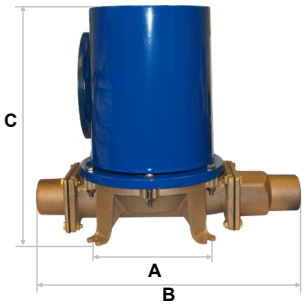
Pump Flow Rate[3] (GPM)	Pump Speed[3] (cpm)	Output Torque (in-lbs)	Gear Ratio	Max Pressure (psi)	Max Lift/ Head[4] (ft)	Input HP	Full Load Amps[5]
6.0	30	391	60:1	12	20 / 25	1/3	27.0
9.0	45	431	40:1	13	20 / 25	1/2	39.0
12.0	60	395	30:1	12	20 / 25	1/2	39.0
14.4	72	348	25:1	11	20 / 25	1/2	39.0
18.0	90	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-2604B

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

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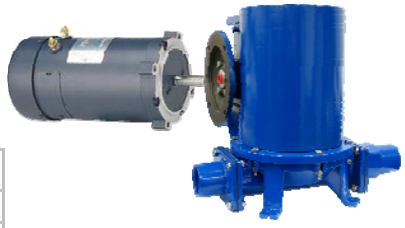
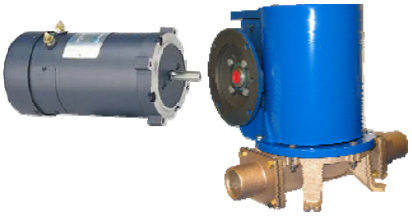
Guzzler® 24 VDC Electric Pump

GE-2604A/B



GE-2604A



GE-2604B

Example: GE-2604A-012-38-9090-RJ

- Guzzler Electric Pump
- Model style #2604A: 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

GE – 2604A – 0 1 2 – 3 8 – 90 90 – RJ

Guzzler Product

Option	Code
Hand Pump	GE

Style (Family)

Option	Code
Alum., Opp. Side Ports	2604A
Bronze, Opp. Side Ports	2604B

Speed Control

Option	Code
None	0

Valves

Option	Code
Flapper (Buna-N)	1

Diaphragm

Option	Code
Buna-N Dbl Sided	2

Clevis/Button Assembly

Option	Code
Stainless Steel	3

Clamp Ring

Option	Code
Motor Mounting Plate	8

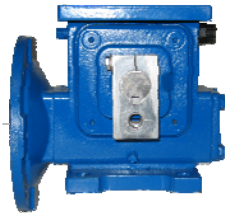
Hose Connections

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

24 VDC Motor

Option (Pump Speed / Torque)	Code
30 cpm / 391 in-lbs	RC
45 cpm / 431 in-lbs	RG
60 cpm / 395 in-lbs	RJ
72 cpm / 348 in-lbs	RN
90 cpm / 288 in-lbs	RQ

24 VDC Motor



Gear Reducer & Motor-ready Flange

Clevis/ Actuator

Clamp Ring

Button

Diaphragm

Button

Valve **Valve**

Inlet **Body** **Outlet**

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