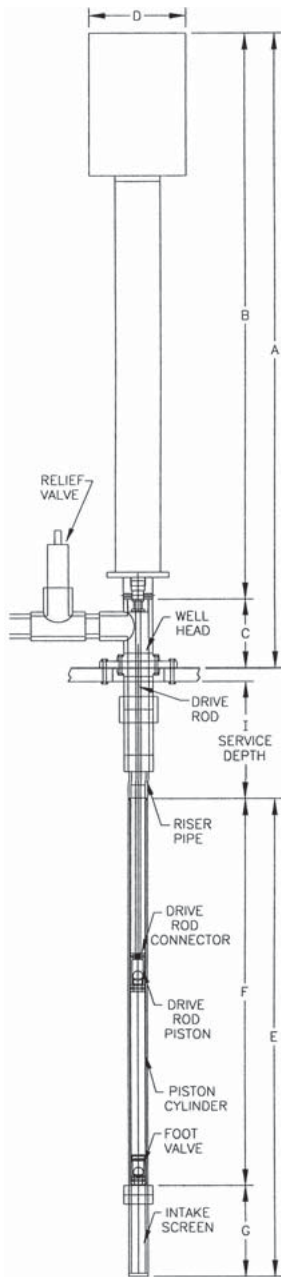


Blackhawk Environmental Company

Electric Anchor Pump® Model 101E



TECHNICAL DATA

FLOW RANGE: 0 TO 1.2 US GPM/ 4.5 LPM
1,728 GPD/ 6,541 LPD

DISCHARGE PER STROKE: .05 US Gallons

MOTOR: 1/2 or 1 hp

POWER SUPPLY: 120 or 230 Volt Single Phase or
230 or 460 Volt Three Phase

MAXIMUM DISCHARGE PRESSURE: 348 PSI

MAXIMUM LIFT: 804 feet of water or 348 PSI

VARIABLE SPEED (STROKE) CONTROL ADJUSTS TO WELL CONDITIONS
LIQUID DRAW DOWN TO TOP OF STRAINER

DISCHARGE SIZE: 2" NPT

INSTALLATION: Unit can be installed vertically or horizontally

DRIVER WEIGHT: 40 lbs.

DRIVER ROD WEIGHT: 12 lbs/100'

FOOT VALVE ASSEMBLY WEIGHT: 8 lbs.

RISER PIPE: 1 1/4"

MAXIMUM OPERATIONAL DEPTH: 804'
* with 1 hp motor

MINIMUM WELL CASING SIZE: 2"

DIMENSIONS (in inches)

Above Well Height	Driver Height	Discharge Tee Height	Driver Diameter	Foot Valve Assembly Length	Foot Valve Length	Intake Screen Length	Downhole Diameter
A	B	C	D	E	F	G	H
48.5"	43"	5.5"	8"	38"	30"	8"	1.9"



STANDARD MATERIALS OF CONSTRUCTION*

ABOVE GROUND

Description	Material
Drive Motor	Stainless Steel/Aluminum
Seal Plate	Viton
Seal Plate Seals	Delrin
Relief Valve	Stainless Steel
Relief Valve Tee	PVC
Well Head	Steel

DOWNHOLE

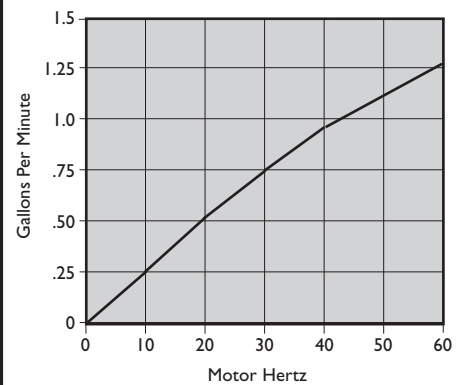
Description	Material
Drive Rod	Fiberglass
Drive Rod Connector	Stainless Steel
Drive Piston Seal	Viton
Drive Piston Check Ball	Delrin
Drive Piston	Delrin
Piston Cylinder	Stainless Steel/PVC
Foot Valve Check Ball	Delrin
Foot Valve	Delrin
Intake Screen	Stainless Steel/PVC

*Note: Specifications are subject to change without notice.
Materials of construction can be modified to meet application.

AVAILABLE OPTIONS

- Level Control Systems
- Hazardous Duty Components
- Metered Flow Control
- Flow Measurement
- Variable Frequency Drive
- SCADA Capability

**ANCHOR PUMP® 101E
FLOW PERFORMANCE**



BLACKHAWK
ENVIRONMENTAL COMPANY

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