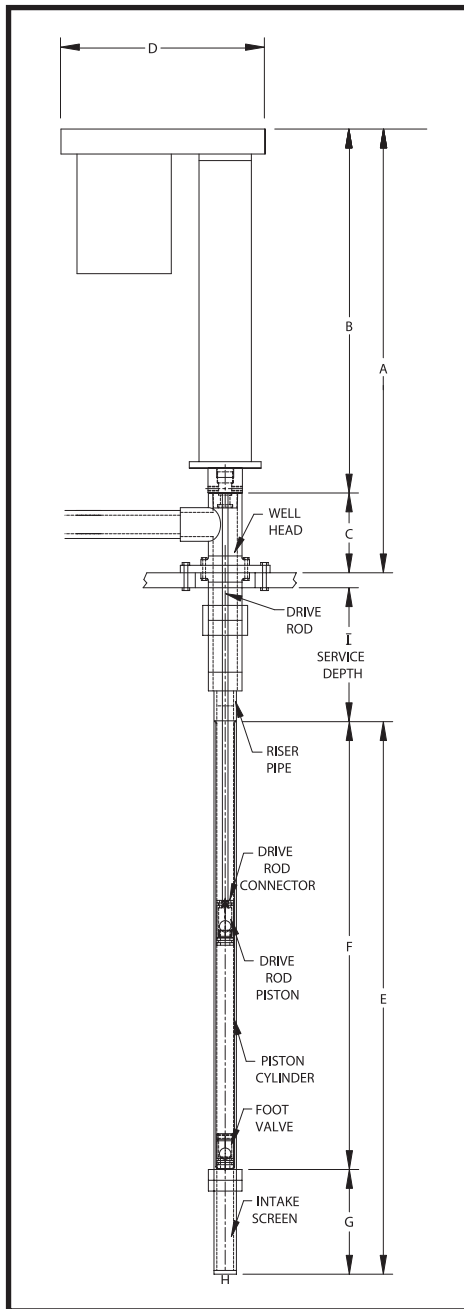


Blackhawk Environmental Company

Electric PM Anchor Pump® (Parallel Mounted Motor) Model 103E



TECHNICAL DATA

STROKE LENGTH: 6"

FLOW RANGE: 0 to 1.6 US GPM

DISCHARGE PER STROKE: .13 US Gallons

MOTOR: 1/2 hp Standard
Variable Speed (Stroke) Control

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

DISCHARGE SIZE: 3" NPT

INSTALLATION: Unit can be installed
vertically or horizontally

DRIVER WEIGHT: 40 lbs.

DRIVE ROD WEIGHT: 8 lbs./100'

FOOT VALVE ASSEMBLY WEIGHT: 14 lbs.

RISER PIPE: 3"

MAXIMUM OPERATIONAL DEPTH: 60'
*with 1/2 hp motor

MINIMUM WELL CASING SIZE: 4"

DIMENSIONS (in inches)

Above Well Height	Driver Height	Discharge Tee Height	Top Plate Width	Foot Valve Assembly Length	Foot Valve Length	Intake Screen Length	Downhole Diameter
A	B	C	D	E	F	G	H
26.5"	21"	5.5"	13"	38"	30"	8"	3.9"

STANDARD MATERIALS OF CONSTRUCTION*

ABOVE GROUND

Description

Drive Motor
Seal Plate
Seal Plate Seals
Relief Valve
Relief Valve Tee
Well Head

Material

Stainless Steel/Aluminum
Viton
Delrin
Stainless Steel
PVC
Steel

DOWNHOLE

Description

Drive Rod
Drive Rod Connector
Drive Piston Seal
Drive Piston Check Ball
Drive Piston
Piston Cylinder
Foot Valve Check Ball
Foot Valve
Intake Screen

Material

Fiberglass
Stainless Steel
Viton
Delrin
Delrin
Stainless Steel/PVC
Delrin
Delrin
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

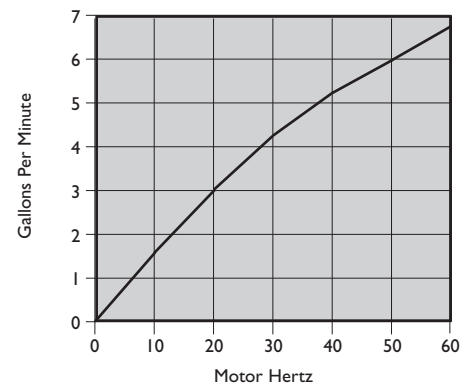
Metered Flow Control

Flow Measurement

Variable Frequency Drive

SCADA Capability

ELECTRIC PM ANCHOR PUMP® 103E
FLOW PERFORMANCE



BLACKHAWK
ENVIRONMENTAL COMPANY

21W161 Hill Ave., Glen Ellyn, IL 60137
Phone: 630.469.4916 Fax: 630.469.4896
www.blackhawkco.com