

# ZB50 NON METALIC AIR OPERATED DIAPHRAGM PUMP

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## DATA SHEET

-BUILT FOR AFRICAN CONDITIONS-



- Thanks for purchasing our products
- Please read the directions carefully

### Features

- 2 in (50.8 mm) ANSI end-porting
- Larger ports for more flow — up to 150 gpm (568 lpm)
- Fluid pressure up to 120 psi (8.4 bar, 0.84 MPa)
- Patented, high-reliability closed center air valve is online serviceable
- Lube-free operation
- Epoxy-coated air section
- External controller for optional remote operation

### Typical Applications

- Drum fluid transfer
- Bulk fluid supply
- Chemical evacuation
- Ground water and sump evacuation
- Waste fluid removal
- Tank and bilge drainage
- Slurry and sludge transfer
- Filter press feed

### Typical Fluids Handled

- Acids and gases: acetic, chromic, hydrochloric, Hydrofluoric, sulfuric, nitric and phosphoric
- Ship cleaning and stripping chemicals

Technical Specifications	
Max Working Pressure	120psi(0.84Mpa ,8.4bar)
Max Flow Rate	150 gpm(570 lpm)
Max Reciprocating Speed	145cpm
Max Suction Height (Dry Suction)	5m
Max Permitted Grain	6mm
Max. Air Consumption	140scfm(70L/s)
Air Inlet size	1/2 in.npt(f)
Air Outlet size	1/2 in.npt(f)
Fluid Inlet size	2 in.npt(f)
Fluid Outlet size	2 in.npt(f)
Weight	PVDF Pump 30.5kg

