

ABOUT US :

Antlia Engineering Works is an Indian manufacturer and supplier of industrial pumping solutions, serving process industries across chemicals, pharmaceuticals, food & beverage, oil & gas, and manufacturing. We specialise in reliable fluid handling systems including AODD pumps, barrel pumps, and centrifugal pumps, designed to perform safely and consistently in real industrial conditions. Our focus is on application suitability, operational reliability, and long-term performance rather than one-size-fits-all solutions.

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in India



AIR OPERATED DOUBLE DIAPHRAGM PUMP



The Value of Antlia Air Operated Diaphragm Pumps

- Seal-less design
- Handles abrasives, solids and corrosives
- Run-dry capability
- Portable
- Self priming
- Easy to install

MODEL	AOD 150	AOD 300	AOD 400	AOD 500
Material of Construction	AL/SS/PP/PVDF	AL/SS/PP/PVDF	AL/SS/PP/PVDF	AL/SS/PP/PVDF
Diaphragm	PTFE/Santoprene	PTFE/Santoprene	PTFE/Santoprene	PTFE/Santoprene
Suction & Discharge	1/2 inch	1 inch	1.5 inch	2 inch
Air Inlet	1/4 inch	1/4 inch	1/2 inch	1/2 inch
Max Flow Rate (LPM)	35	135	270	586
Discharge Head (meters)	60	60	60	60
Negative Suction (meters)	2	3	3-5	3-5
Max. Solid Particles (mm)	2.4	3.5	5	6.5

Applications :



BARREL PUMPS

PNEUMATIC BARREL PUMP



Model No: MB-2 AIR

Flow: 100 LPM | Head: 22 m
MOC: SS-316 / PP / PVDF

- Suction & Delivery: 42 × 25 mm
- Air Consumption: 21 CFM
- Motor RPM: 21000
- Connection: 6–8 Kg Air Pressure

SIMPLE PNEUMATIC BARREL PUMP



Model No: MB-2 AIR

Flow: 80 LPM | Head: 10 m
MOC: SS-316

- Suction & Delivery: 42 × 25 mm
- FRC Unit: Janatics
- Connection: 2.5–4 Kg Air Pressure
- Application : Closed Barrel



ROTARY HAND BARREL PUMP

- Flow: 350 ml per Rotation
- Max Head: 6 Meter
- MOC: SS-316 / SS-304 / PP
- Suction & Delivery: 25 × 25 mm
- Operation: Manual

ELECTRIC BARREL PUMP



Model No: MB-2 ELECTRIC

Flow: 100 LPM | Head: 22 m
MOC: SS-316 / PP / PVDF

- Suction & Delivery: 42 × 25 mm
- Motor Capacity: 1 HP
- Motor RPM: 14000
- Connection: Single Phase
- Electric Motor: FLP / NON-FLP
- Duty Cycle: 3 minutes

AIR OPERATED PISTON TYPE BARREL PUMP



Model No: MBSB-3

Flow: 50 LPM | Head: 25 m
Type: Piston

- Suction × Delivery: 42 × 25 mm
- FRC Unit: Janatics
- Min Air Pressure: 2.5 kg/cm²
- Max Air Pressure: 9 kg/cm²

CENTRIFUGAL PUMPS

PP/PVDF CENTRIFUGAL MONOBLOC PUMP



- Flow Range: 10 to 55 m³/hr
- Max Head: 11 to 35 Meter
- Max Temp: 80°C
- Construction: Horizontal Monobloc
- Impeller Type: Semi-Open
- Casing / Impeller / Back Plate: PP
- Shaft Sleeve: Ceramic
- Seal: Teflon Bellow
- Shafting: EN-8
- Bearing: SKF / NACHI

SS MONOBLOC CENTRIFUGAL PUMP

- Capacity Range: up to 2000 LPM
- Max Head Range: up to 76 Meter
- Operating Speed: 2900 RPM
- Motor Capacity: 0.25 HP to 20 HP
- Mounting: Monoblock / Bare Pump / Coupled Set
- Max Suction (with Foot Valve): 7 Meter
- Viscosity: Up to 1500 Cps
- Seal: Carbon vs Ceramic Mechanical Seal
- Pump Casing: SS-316 (Rolled Stainless Steel)
- Impeller: SS-316 (Closed Type)



PP MAGNETIC DRIVE PUMP



- Flow Range: 10 to 750 LPM
- Max Head: up to 40 Meter
- Speed: 2900 RPM
- Motor Capacity: 0.10 HP to 5 HP
- Pump Casing: PP (Glass Filled) / PVDF
- Impeller: PP / PVDF
- Wetted Parts: Non-Metallic
- Construction: Seal-less Magnetic Drive
- Pump Type: Centrifugal
- Impeller Type: Semi-Open

SS SELF PRIMING PUMP

- Flow Range: up to 80 LPM
- Suction & Delivery : 25 × 25 mm
- Max Head: up to 60 Meter
- Suction Lift: up to 4 Meter
- Operating Speed: 1450 / 2900 RPM
- Seal Faces: Carbon / Ceramic
- Secondary Seal: Teflon Cup
- Construction: Self Priming
- Impeller Type: Centripetal / Regenerative
- Pump Type: Single / Multi Stage

