

"AODD" SERIES

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

- **ABRASIVES** : Clay slip, Titanium dioxide, frit, Mill scale.
- **ALCOHOLS ACIDS** : All mineral and organic acids.
- **CEMENT** : Cement, Mortar.
- **COSMETICS** : Creams, Emulsions, Detergents.
- **CERAMICS** : Slip glazes, Clay.
- **DRILLING** : Mud, grout, Lubricants.
- **DRINKS** : Soft drinks, spirits, beer, wine milk.
- **EXPLOSIVES** : Suspensions of Gun powder explosive, etc.
- **INKS & DYES** : Printing inks, driers, dyes, sixes and solvents.
- **FOODS** : Liquid and semi-solid foods, Flavourings.
- **OILS** : Petrol, Diesel, Hydraulic and cutting oils, lube oils, animal and vegetables oils and greases.
- **PULPS** : Paper, wood sizes bleaches
- **RESINS** : Natural and synthetics, water and solvent based, Monomeric and polymeric plastics.
- **SLUDGE & WASTE** : Sewage, effluents, coal and lime slurry.
- **SOLVENTS** : Aromatic and allphatics, ketones, aldehydes, esters and chlorinated hydrocarbons, de-icing fluids.
- **WATER** : All types.
- **TIMBER PRESERVATIVES** : Creosote, turpentine, copper, napthenate.
- **PAINT** : Emulsions, Latexes, Pigments, solvent, resins, thinners,
- **PHARMACEUTICALS** : Liquids, Creams and Compounds.
- **PLATING** : Aggressive acids, salts, sludge and effluents.
- **RUBBER** : Natural and synthetic.



ADVANTAGES OF AODD PUMP

- No Seal, No Leakage
 - Self Priming, No need of foot valve
 - Variable flow with pump.
 - Can be submerged.
 - Less stock of spare to be maintain.
 - No Skilled person is needed to operate and repair pump.
 - Light weight, handy in use.
 - No rotation, no wear & tear, hence low maintenance.
 - No Charging.
 - Pump can run dry.
 - Stops automaticlly on closing of discharge valve.
 - Can handle 2 to 10 mm sized solid particles.
 - Also can be used upto accuracy 3 to 5%
 - No Motor, No fire.
- In short very simple and versatile pump.

OPERATION PRINCIPLE

- Dry air is given as input to air valve.
- Air will push both diaphragm alternatively.
- Four ball valves will act as NRV for suction and delivery.
- As per liquid compatibility MOC of diaphragm, Valve and wet part selected.

Model	Max Solid Size in MM	Suc* Dis BSP	Flow Range in LPM
AODD 15	2.5	0.5"	0-25
AODD 25	3.4	1"	0-59
AODD 40	5	1.5"	0-137
AODD 50	6.5	2"	0-295
AODD 80	10	3"	0-440



PP/PVDF
DIAPHRAGM PUMP



S.S DIAPHRAGM PUMP



ALUMINIUM
DIAPHRAGM PUMP



PP DOUBLE SUCTION
DOUBLE DELIVERY DIAPHRAGM PUMP



PP MOTORISED
DIAPHRAGM PUMP



S.S MOTORISED
DIAPHRAGM PUMP