CREATIVE ENGINEERS



www.malharpumps.com

"AODD" SERIES

AIR OPERATED DOUBLE DIAPHRAGM PUMPS

- ABRASIVES ALCOHOLS ACIDS CEMENT : Cement, Mortar. COSMETICS CERAMICS : Slip glazes, Clay. DRILLING DRINKS EXPLOSIVES INKS & DYES • FOODS • OILS • PULPS RESINS SLUDGE & WASTE SOLVENTS • WATER : All types. • TIMBER PRESERVATIVES : Creosote, turpentine, copper, napthenate. : Emulsions, Latexes, Pigments, solvent, resins, thinners, • PAINT PHARMACEUTICALS : Liquids, Creams and Compounds. PLATING : Aggressive acids, salts, sludge and effluents. : Natural and synthetic.
- RUBBER

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.

- : Clay slip, Titanium dioxide, frit, Mill scale.
- : All mineral and organic acids.
- : Creams, Emuksions, Detergents.
- : Mud, grout, Lubricants.
- : Soft drinks, spirits, beer, wine milk.
- : Suspensions of Gun powder explosive, etc.
- : Printing inks, driers, dyes, sixes and solvents.
- : Liquid and semi-solid foods, Flavourings.
- : Petrol, Diesel, Hydraulic and cutting oils, lube oils, animal and vegetables oils and greases.
- : Paper, wood sizes bleaches
 - : Natural and synthetics, water and solvent based, Monomeric and polymeric plastics.
 - : Sewage, effluents, coal and lime slurry. : Aromatic and allphatics, ketones, aldehydes, esters and chlorinated hydrocarbons, de-icing fluids.



- **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

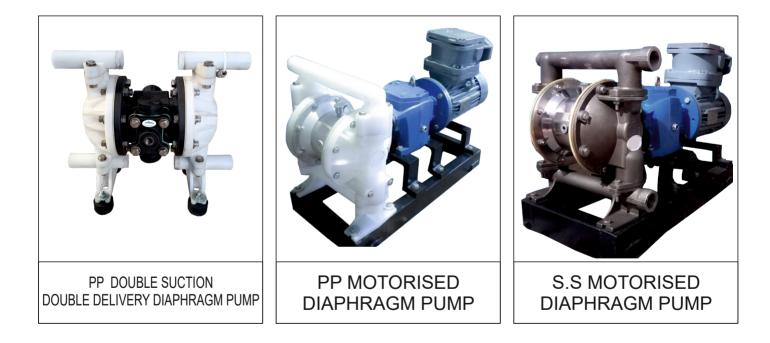
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