

Range

| Sr. No. | Model | Hose Dia | Max Flow LPH | Max head in M | Motor HP | Motor RPM | Solid Handled in MM |
|---------|-------|----------|--------------|---------------|-------------|-----------|---------------------|
| 1 | MOSF3 | 10 mm | 20 -198 | 40 | 0.25 | 1440 | 6 |
| 2 | MOSF2 | 16 mm | 76- 767 | 40 | 0.25/ 0.5 | 1440 | 9 |
| 3 | MOSF1 | 26 mm | 309- 3134 | 40 | 0.5/1.0/1.5 | 1440 | 15 |
| 4 | MOMS3 | 68 mm | 5372 - 27839 | 25 | 2/10 | 1440 | 40 |

Note: Gear box between motor and pump is incorporated to reduce the RPM as per the flow required

Applications

- **Fragile Or Sensitive Liquids**
Emulsions, Fruit Salads, sparkling wines, Tomato's Purees, Dairy Products.
Anti Foaming Agents, Whole Grapes.
- **Compound Fluids**
Butchery Waste, Additive Metering, Paper Pulp, Grape Marc, Animal Feeds.
Minced Fruits, Polymers, Sugar Beet And Potato Processing Waste.
- **Abrasive And corrosive fluids**
Bentonite, Mud & Sediment, Enamels Pigments, Lime Wash, Casting Slip, Plaster Morter, Concrete.
- **Non Polutable Or Polutable Fluids**
Rubber latex, Food Products, Manure Slurry, Fertilizers
Sludge, Charge Sludge, Brewing, Waste Water, Ceramics, Cosmetics, Caustic Soda
Pottatium Chloride, Sodium Chloride Slurry, Lime Slurry, Tartaric Acid.

Advantages

- No seals, no valves.
- elf priming
- Can run dry without damage
- Time saving in C.I.P. applications
- Reverse flow by reversing motor
- Pump mixed phases
- Variable speed can be adjusted by variable frquency drive
- Can handle solids
- Only hose tube in contact with liquid

Operation Principle

Two or three Roatating rollers Gradually compress tube forcing liquid through the tube just ahead of each roller. The tube shapes back to its original shape after rollers passed.So it can be filled with more liquid again.The liquid is transferred without damaging fragile components in the liquid stream.