

AN

OSCILLATING TECHNOLOGY

THAT SHRIVELS YOUR COST OF OWNERSHIP



- Compressed Air Operation (Explosion Proof)
- Lowest parts per Pump in AODDP Industry
- The Neo-Tef and Neo-Flex Stress-Optimized Design strengthens the diaphragm life compared to Traditional Disk Shape design.
- Variable Flow Rate & Discharge Pressure (Simply by Adjusting Air Pressure) (Eliminates the need of expensive Variable Frequency Drive-VFD)
- Gentle & Shear-Less Media Transfer with Minimal Contact Parts
- Can Handle High Viscous Media with Solid Contents (Upto 80,000 Centipoise)
- Low Maintenance & Constant pumping efficiency (No Impeller, No Rotor, No Gears, No Piston)
- Handles wide variety of Fluids with high solid contents
- Self Priming with high Suction Lift even with heavier fluids
- Dry-Run without damage – No close fittings or solid parts are at risk.
- Dead Head – No chance of Overheating as the Discharge Pressure can never exceeds the Air Inlet Pressure.
- Plug & Start Installation – No complex installation or wiring required



Revolutionary Neo-Tune Air Distribution System with only 3 Moving Parts:

Air Valve Spool The Pilot Spool The Main Shaft

- The Unbalanced Non-Stalling Air Valve Spool eliminates the problem of freezing during the cycle and conduct a lube-free operation.
- Inspection of ADS can be done without removing the pump from service.
- Unique to its design is its On/Off reliability. With the turn of an integrated control dial (Air-Regulator), the operator can select the optimal balance of flow and discharge efficiency that best meets the application needs lowering the operational cost.
- All Neoflux ADS are CNC machined maintaining close tolerances to achieve the best working performance of the pump. **The Result** – All Neoflux AODD Pump will start operating at only 2 BAR Air Inlet Pressure.



Absolute Product Suppression

- Say Good Bye to Clamp Band Design - Bolted Design for total product containment.
- Distinct O-ring less Valve Seat, Valve Ball & Flap Valve Designs.
- CNC work on major parts to maintain close tolerances.
- Powder Coated Aluminum For excellent weather ability, Corrosion Resistance & Mechanical Strength.

Discharge Rate at its Best

- Highest Output in AODDP Industry.
- Reduced Pulsation & Vibration.
- Chances of de-scaling the pump in certain applications.

Know-How

- Greater Discharge per SCFM input (LPM/SCFM).
- The Neo-Flo Air Distribution System with Neo-Tune & Neo-Sync design.
- Reduced air consumption means reduced power usage.
- Sound level reduction as low as 75 db (As per OSHA's noise standards).

Flexible Installation


- No Electric Connection or Wires needed.
- Purely Submersible.
- Tri-Clamp Connections available for Hygiene Applications.
- Split manifold configuration available. 180° Rotational Design.
- Special manifolds arrangement.
- ANSI / DIN Combo flanges available.
- Solenoid Operation for system automation (PLC). Electrical Interface.

Rock-Solid Capacity

- Superior Internal Clearance.
- Move large solid without pump damage.
- Capacity of swallowing upto 12.7mm (½") compressible solids.
- Viscous Material Transfer- NOT A PROBLEM !!!
- Extreme suction lift capacity.

nf 25 - 1" The Metal Pump

FLOW RATE UPTO 210 LPM (55 GPM) (12.6 M³ / Hr.) (Pressure Ratio – 1 : 1)

 AIR SUPPLY PRESSURE = 2 BAR (29.01 PSIG) to 8.6 BAR (124.7 PSIG)

• Port Size : ANSI / DIN Flange

Liquid Inlet / Suction Side – 1"

Air Inlet – ½" BSP

Liquid Outlet / Discharge Side - 1"

Air Exhaust – ½" Female NPT (Includes Neo-Muff Silencer)

• Suction Lift :

Rubber Diaphragm

Dry – 4.6 meter (15.1 ft.)

Wet – 9.0 meter (29.5 ft.)

PTFE Diaphragms

Dry – 4.1 meter (13.4 ft.)

Wet – 8.8 meter (28.8 ft.)

Note :

Pump incorporated with Neo-Tef PTFE Diaphragms will reduce output by 23%.

Flow Rate : 161 LPM (42.5 GPM) (9.7 M³/Hr.)

• Maximum Particle Size \varnothing / Maximum Compressible Solids Passage : 3/16" (5.1mm)


• Typical Noise Level : 70dB (with Neo-Muff Silencer)

• Ship Weight : Die-Cast Aluminum 18kg. (40 lb.) Stainless Steel - 304 34kg. (75 lb.)

• Pump Dimensions : Height 365mm (14.3") X Width 390mm (15.3") X Depth 245mm (9.5")

nf 50 - 2" The Metal Pump

FLOW RATE UPTO 675 LPM (178 GPM) (40.5 M³ / Hr.) (Pressure Ratio – 1 : 1)

 AIR SUPPLY PRESSURE = 2 BAR (29.01 PSIG) to 8.6 BAR (124.7 PSIG)

• Port Size : ANSI / DIN Combo Flange

Liquid Inlet / Suction Side – 2"

Air Inlet – ¾" BSP

Liquid Outlet / Discharge Side - 2"

Air Exhaust – 1" Female NPT (Includes Neo-Muff Silencer)

• Suction Lift :

Rubber Diaphragm

Dry – 7.0 meter (23 ft.)

Wet – 9.0 meter (29.5 ft.)

PTFE Diaphragms

Dry – 4.0 meter (13.1 ft.)

Wet – 8.3 meter (27.2 ft.)

Note :

Pump incorporated with Neo-Tef PTFE Diaphragms will reduce output by 20%.

Flow Rate : 540 LPM (143 GPM) (32.4 M³/Hr.)

• Maximum Particle Size \varnothing / Maximum Compressible Solids Passage : ¼" (6.5mm)


• Typical Noise Level : 69dB (with Neo-Muff Silencer)

• Ship Weight : Aluminum 43kg. (94 lb.) Stainless Steel - 304 90kg. (198.4 lb.)

• Pump Dimensions : Height 762mm (30") X Width 441mm (17.4") X Depth 381mm (15")

nf 75 - 3" The Metal Pump

FLOW RATE UPTO 1009 LPM (267 GPM) (60.5 M³ / Hr.) (Pressure Ratio – 1 : 1)

 AIR SUPPLY PRESSURE = 2 BAR (29.01 PSIG) to 8.6 BAR (124.7 PSIG)

• Port Size : ANSI / DIN Combo Flange (180° Rotational)

Liquid Inlet / Suction Side – 3"

Air Inlet – ¾" BSP

Liquid Outlet / Discharge Side - 3"

Air Exhaust – 1" Female NPT (Includes Neo-Muff Silencer)

• Suction Lift :

Rubber Diaphragm

Dry – 6.0 meter (19.7 ft.)

Wet – 8.4 meter (27.6 ft.)

PTFE Diaphragms

Dry – 4.1 meter (13.4 ft.)

Wet – 7.4 meter (24.2 ft.)

Note :

Pump incorporated with Neo-Tef PTFE Diaphragms will reduce output by 26%.

Flow Rate : 740 LPM (196 GPM) (44.4 M³/Hr.)

• Maximum Particle Size \varnothing / Maximum Compressible Solids : ½" (12.7mm)

• Typical Noise Level : 69dB (with Neo-Muff Silencer)

• Ship Weight : Aluminum 90kg. (198.4 lb.) Stainless Steel - 304 140kg. (309 lb.)

• Pump Dimensions : Height 1050mm (41") X Width 630mm (25") X Depth 430mm (17")

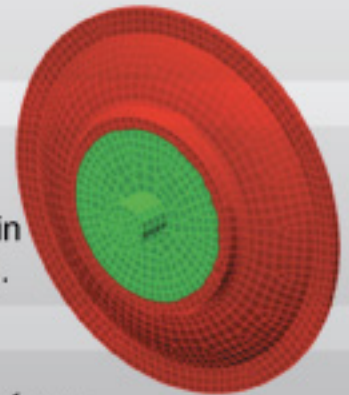
Brilliant Technology & Superb Quality available in Indian Market Today

Major parts are CNC Machined



Neo-Tef Design

The Neo-Tef diaphragm design has a completely plain surface, which eliminates bacteria growth problems.



Neo-Flo / Neo-Tune Air Distribution System

Lube Free Nickel Plated Air Distribution System always keep your product & environment free from oil contamination.

Spares At Low-Cost With Immediate Delivery

Cheap spares unlike other imported pumps manufacturers.
We keep stock

Quality - AT FAIR PRICE

Neoflux pumps are low-priced pumps with outstanding performance comparable to other internationally recognized Diaphragm Pumps

Example of Applications

Glycerin	Against Filter Press
Sweeteners	Marine Barges
Resins, Plastisizers & Additives	Paints, Oils & Lubricants
Manufacturing Oil	Solvents
Coolants	Pigments
Degreasing Wash	Finishing/Surface Treatment
Emulsions	Galvanized Wash
Printing Inks & Printing Liquors	Glues & Adhesives
Driller's Mud & Waste Oil	Automotive/Car Care
Water Purification Polymers	Healthcare & Pharmaceuticals syrup
Construction & General Industry	Acids
Ceramics Slips, Slurries & Glazes	Dyes & Chemicals
Aviation Emptying/Filling Fuel	Cosmetics Lotions & Liquid Soap
Petrochemical Tank Cleaning	Mine & Tailing
Marine Waste Water/Bilge Pumping	Latex
Tanker Loading/Unloading	Beer, Wine & Alcohol

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