Stop Your Mag-Drive Pump From Wasting Your Money!

Levitronix Bearingless Pumps
The Ideal Solution For Gold Plating!
Schematic Of Mag-Drive Pump

- Fluid Outlet
- Impeller
- Fluid Inlet
- Drive Magnets
- Rotor Magnets
- Pump Casing
- Bearing Spindle
- Bearing Sleeve

Narrow Bearing Gap (50-100μm)
Metal Precipitates Here!
Rotor Of Mag-Drive Pump After 3 Weeks Operation With Gold Sulfite

- Front View
- Rear View (Close-Up)

- Impeller
- Clogged Bearing Sleeve
- Rotor Magnets
Cross-Section Of Levitronix Pump

- Fluid Outlet
- Large Fluid Gap
- Impeller
- Fluid Inlet
- Pump Casing
- Motor
Levitronix Pump After 6 Month Operation With Gold Sulfite
Flow/Pressure Curves Of Levitronix Pump Compared To Mag-Drive Pump With Similar Motor Power
Power Consumption vs. Flow Rate
For Different Flow Control Schemes
Closed-Loop Flow Control With Levitronix Pump

- Filter Monitoring
- Condition Monitoring
- Stability of Fluid
Size Comparison

Size comparison of Levitronix DuraLev 600 and typical 1/3 HP Mag-Drive pump

Size comparison of Levitronix DuraLev 600 and typical 1/2 HP Mag-Drive pump
The Most Reliable Pump

![MTBF in Years Chart]

- **Mag-Drive Pumps**: BPS-4
- **Levitronix Pumps**: BPS-3, BPS-1
Product Range

Flow Rate: 20 LPM (5 GPM) to 300 LPM (80 GPM)
Pressure: 1.5 Bar (20 PSI) to 6 Bar (85 PSI)
Materials: PP, PVDF, PTFE or PFA

WWW.LEVITRONIX.COM