

VORTEX – The New Flow Standard

VORTEX TECHNICAL BREAKTHROUGH



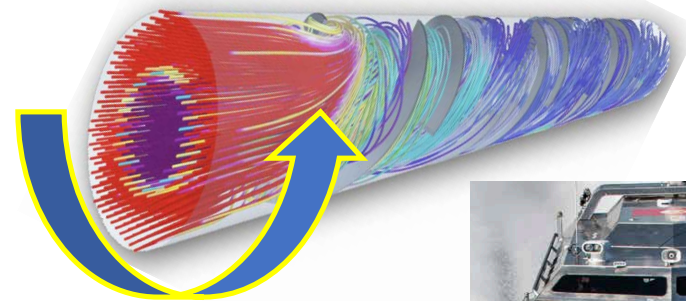
PROBLEM

- Laminar jet pump flow results in high drag and turbulence
- Flowing drag results in INEFFICIENT, COSTLY POWER DELIVERY
- *Higher flow requires costly square law power increases*
- Performance, power consumption, range - all compromised

VORTEX BENEFITS

- Higher absolute flow output
- Superior handling and agility
- Exceptional efficiency, range and endurance
- Improved fleet utilization

UNLIMITED FLOW PATHS OF LEAST RESISTANCE



SOLUTION

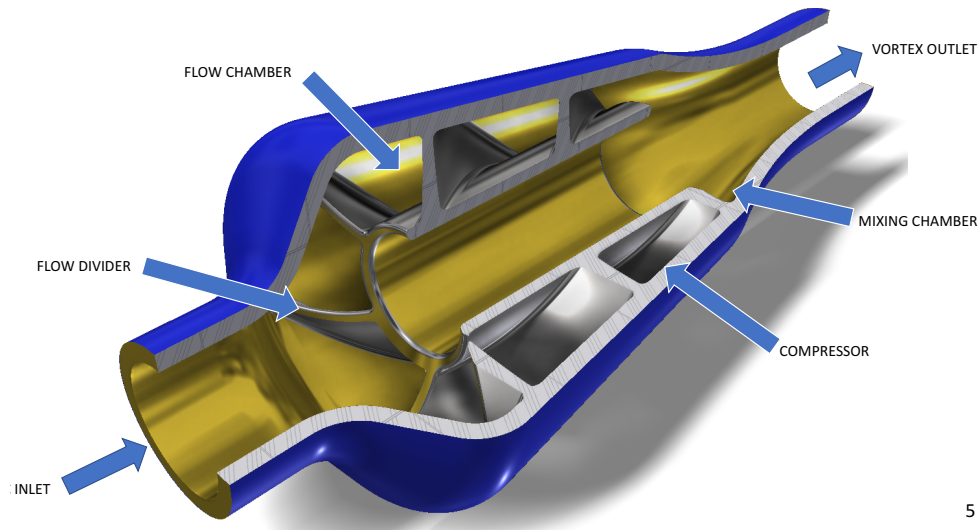
- Flow rotation reduces frictional drag
- Multiple paths of least resistance created
- Higher flow rates and power delivery
- Higher system reliability and uptime



- Value Proposition : ***SIMULTANEOUS***
- Higher flow rates and power delivery
- More efficiency and higher operational flexibility
- Lower energy consumption
- Lower operating costs
- Emissions reduction



Vortex Water Jet



5



- High efficiency, axial jet flow
- Gyroscopically stabilized
- High performance, endurance and vessel range
- High vessel maneuverability
- Flexible shallow and marine operations
- Exceptional fuel efficiency
- No central drive shaft
- High reliability
- Lowest possible maintenance

VORTEX TESTED PERFORMANCE

