



# The S&N Airoflo Floating Brush Rotors

## COMPARISON

### 2200 Series

- \* 2200 designed with shorter footprint for oxidation ditches and other activated sludge applications.
- \* Can be used in other applications, open lagoons & basins.
- \* Structural tubing - available in stainless steel or hot dipped galvanized.
- \* 7 different HP configurations from 5 HP to 30 HP.



### COMMON FEATURES of BOTH 2200 and 1600 SERIES

- \* Excellent mixing & O<sub>2</sub> transfer from one source
- \* Simple & predictable maintenance
- \* Rotors, gear reducers, motors and bearings are identical on both 2200 and 1600 series

### 1600 Series

- \* 1600 designed for open lagoons & basins
- \* Standard channel frame - Hot dipped galvanized only
- \* Frame design allows for competitive pricing in open lagoons & basins compared to painted units
- \* 7 different HP configurations from 5 HP to 30 HP.



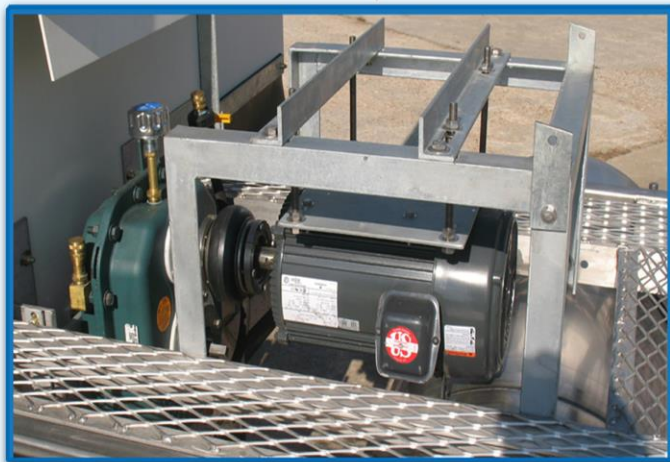
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[www.airoflo.com](http://www.airoflo.com)

sun and rain shield hinges upward to allow access for O&M inspections

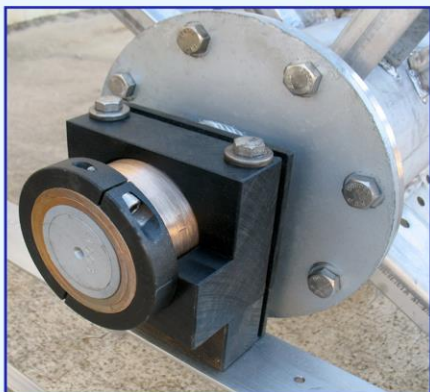


# FLEX DRIVE with Swing Plate Gear Mount



- \* Unique swing plate gear mount allows tri-axial movement to eliminate critical alignment issues.
- \* Elastomeric Coupling.
- \* "Floating Shaft Seal" prevents migration of waste water along the shaft to the gear reducer.

## Maintenance Free Bearing

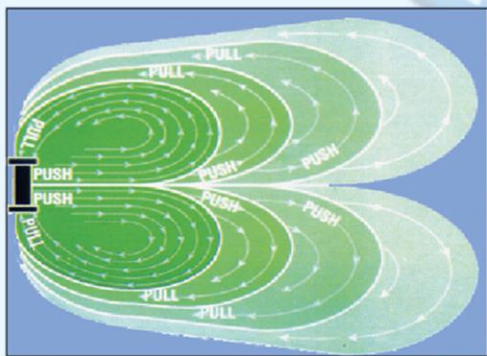


- \* Eliminates catastrophic bearing failure.
- \* Years of maintenance-free operation.
- \* Visual wear indicators.
- \* No grease required.

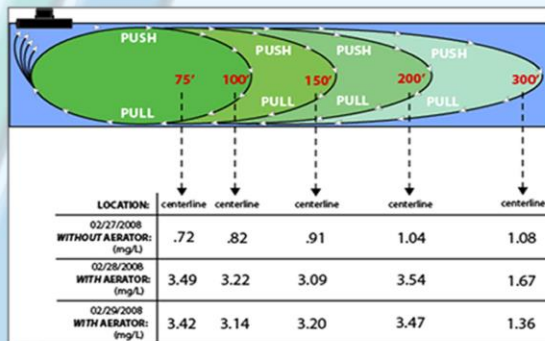
## Area of Influence - 15HP Floating Brush Rotor Verification of Increased DO Reading Establishes the Size of the Active Mixing Zone

Plan View

Elevation View



250'



300'

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