

MAX2000® Agitators

Key Benefits

MAX2000® Agitators all feature a reinforced cast iron gear case that house the helical bevel gearing.

Motor and gearbox combinations allowing for worldwide use in: UL, ATEX & IECEx environments.

Direct motor to gearbox coupling provides for an easy motor installation/removal, even in harsh environments resulting in an efficient and quiet transfer of power without heat generation.

Gears are precision ground and hardened to minimize backlash and allows for thermal capacity to exceed torque capacity.

Sight glasses allow operator to visually inspect lubrication without removing any components.

Extreme versatility in installations from the multiple designs and configurations.

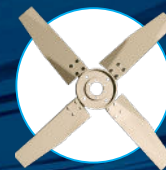


MAX2000®
The Exclusive Line of PSI



IMPELLERS

Easy installation of keyless bushing giving full range of impeller depths on the agitator shaft.



Hydrofoil blade impellers have an axial flow.*



Canted blade impellers have a radial/axial flow.*

*PSI offers hydrofoil or canted impellers in carbon and stainless steel.



Our shaft to shaft coupling has proven itself to be one of the strongest and most reliable in the industry.

SEVERE DUTY DROP BEARING

Features

MAX2000® Drop Bearings are designed to handle shaft deflection that can occur in deep tanks.

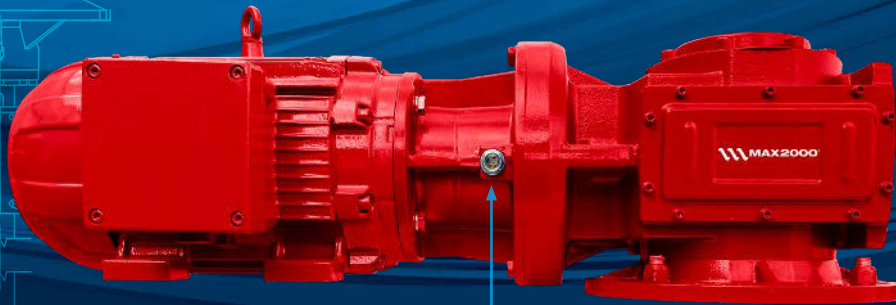
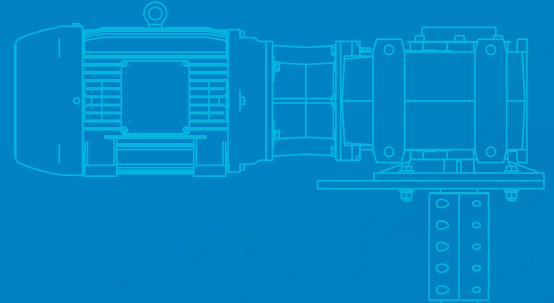
The drop bearing is easily maintained on the top side of tank.

Rugged drop bearing casting can be bolted directly to top of tank without an additional supporting structure.

STANDARD DUTY LOW PROFILE

Features

- Oversized high-capacity taper roller bearings to handle radial and axial loads from impeller shaft.
- Utilizes common output flange dimensions allowing for drop-in replacement at existing installations.
- Provides for a smaller footprint to accommodate for a smart compact layout.



Sight glasses allow operator to visually inspect lubrication without removing any components.