

RotoMAXX II

High Torque, Right Angle, Slow Speed Agitator



RotoMAXX II

The only all stainless steel, low speed, large capacity agitator on the market!

The **RotoMAXX II** was designed to expand the existing Admix slow speed agitator product line. Engineered to be indestructible with features and design elements inspired by our extensive industry experience.

The robust **RotoMAXX II**, with right angle helical bevel gearbox, is designed for the most demanding operating environments and stringent CIP, washdown, pressure washing, and steam cleaning conditions. Modular design allows for multiple shaft diameter, gear ratio, and motor horse power combinations with flex couplings between the motor/gearbox and gearbox/driveshaft to protect the gear drive from shock loads and dampen vibrations while isolating shaft bending moment and deflection loads from the torque loads on the gearbox.

Three waterproof pressure compensation vents allow air/oil inside the gearbox and air inside the driveshaft bearing frame to expand and contract as temperatures inside and outside the agitator change and prevent moisture and contaminants from getting in.

The RotoMAXX II, with right angle helical bevel gear drive, is designed to isolate the gear drive from the mixer shaft overhung loads and shaft deflection.

High efficiency helical gear drives offer longer life, generate less heat and noise, and they are ideal for high loads.

RotoMAXX II – Design Advantages

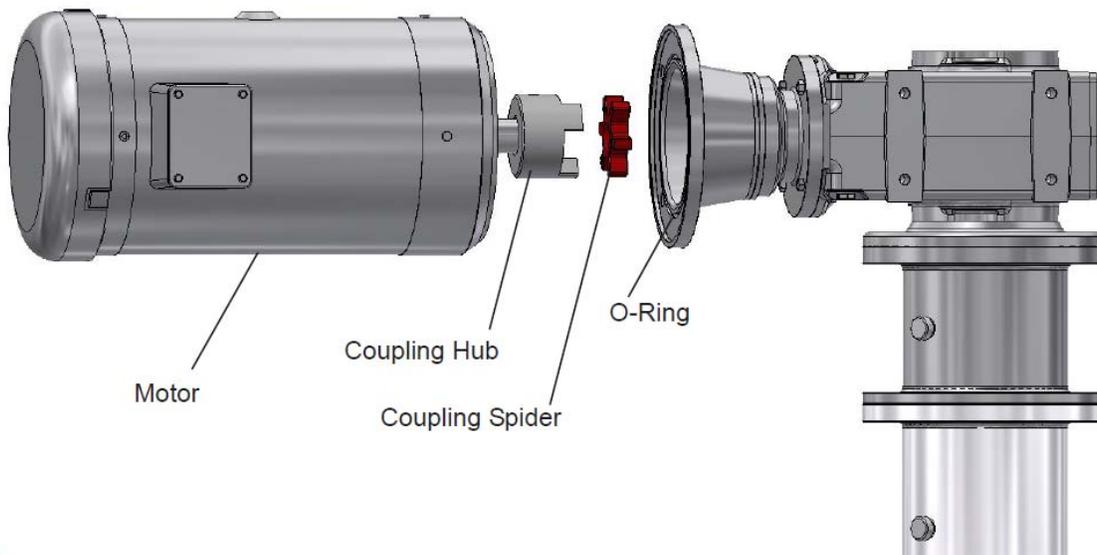
- NEMA & IEC mounting in and out, supports broad range of standard motors up to 15Hp
- Broad output speed range: 13 to 311 RPMs on the 420RMAX and 12 to 240 RPMs on the 62xRMAX
- Motor is mounted and sealed to the gearbox
- Motor torque is transmitted through a flexible coupling which isolates shock loads, reduces concerns over angular misalignment and reduces vibration/noise

Admix, Inc.

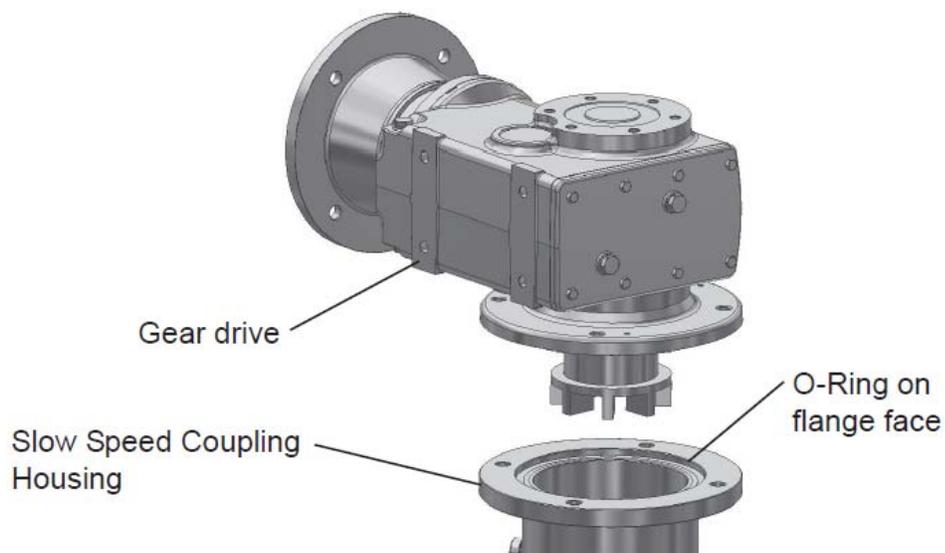
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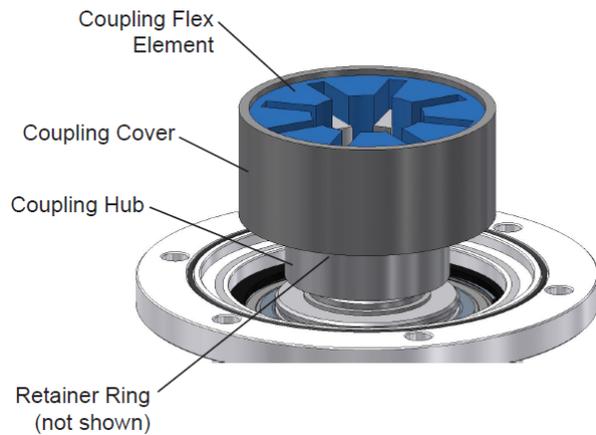
HIGH TORQUE
RIGHT ANGLE
SLOW SPEED
AGITATOR



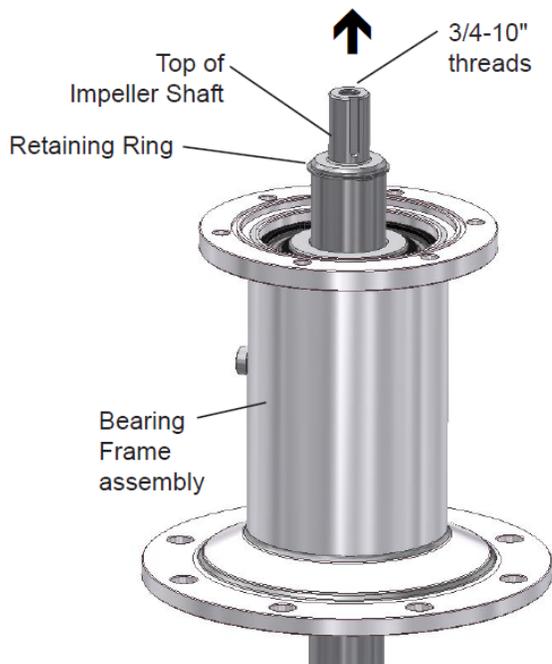
- The gear drive is mounted and sealed to a coupling housing
- Gear drive is vented
- Coupling housing is vented with standard Admix oleophobic frame vent



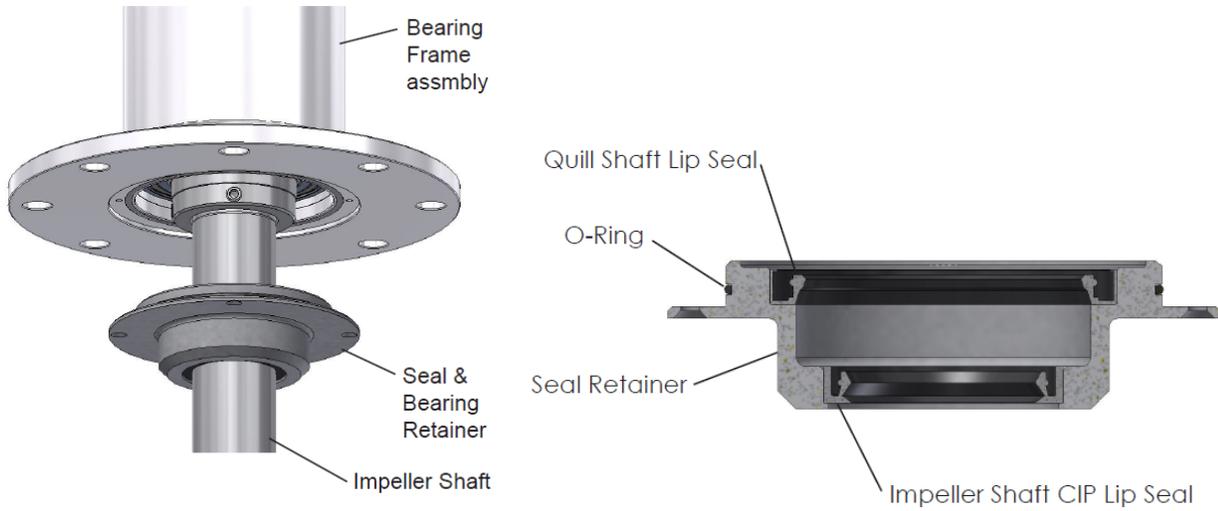
- Gear drive output shaft torque is transmitted through a flexible coupling which isolates shock loads, reduces concerns over angular misalignment and reduces vibration/noise



- Output shaft is supported by a bearing frame with a hollow quill, there are provisions built into the design that will aid in removal of the shaft for installation or service
- Bearing frame is vented with standard Admix oleophobic frame vent



- A seal retainer at the lower flange seals the bearing frame to the hollow quill and seals the bearing frame to the shaft
- Seal retainer can be removed for seal service with mixer in mounted position



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