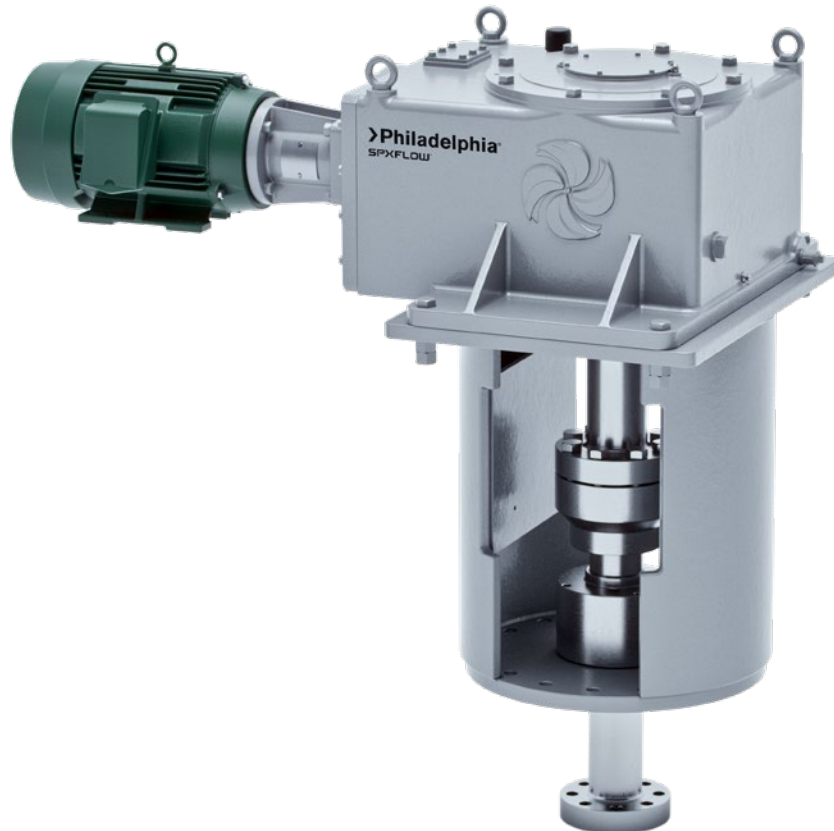


›Philadelphia®



RAVEN™ 3800 SERIES

Mixer Drives



SPXFLOW®

RAVEN 3800 SERIES MIXER DRIVE – NEXT GENERATION MIXER DRIVE

PILOTED C-FACE MOTOR MOUNT DESIGN

Eliminates foot mounted alignment issues that could lead to premature failure.

SELF-LUBRICATING AT THEORETICAL ZERO RPM

Dip lubrication eliminates the need for external lubrication kits when variable speed drives are used for low impeller speed operation.

PINIONS AND GEARS

Carburized and ground helical gears provide quiet operation with greater shock load capacity.

GUARDIAN PACKAGE

Provides simple, fast, accurate oil sampling.

END COVER

Designed to eliminate leak paths and minimize motor vibrations.

TAPERED ROLLER BEARINGS THROUGHOUT GEARBOXES

Precision tapered roller bearings handle high shock and large overhung loads.

MIXER HOUSING

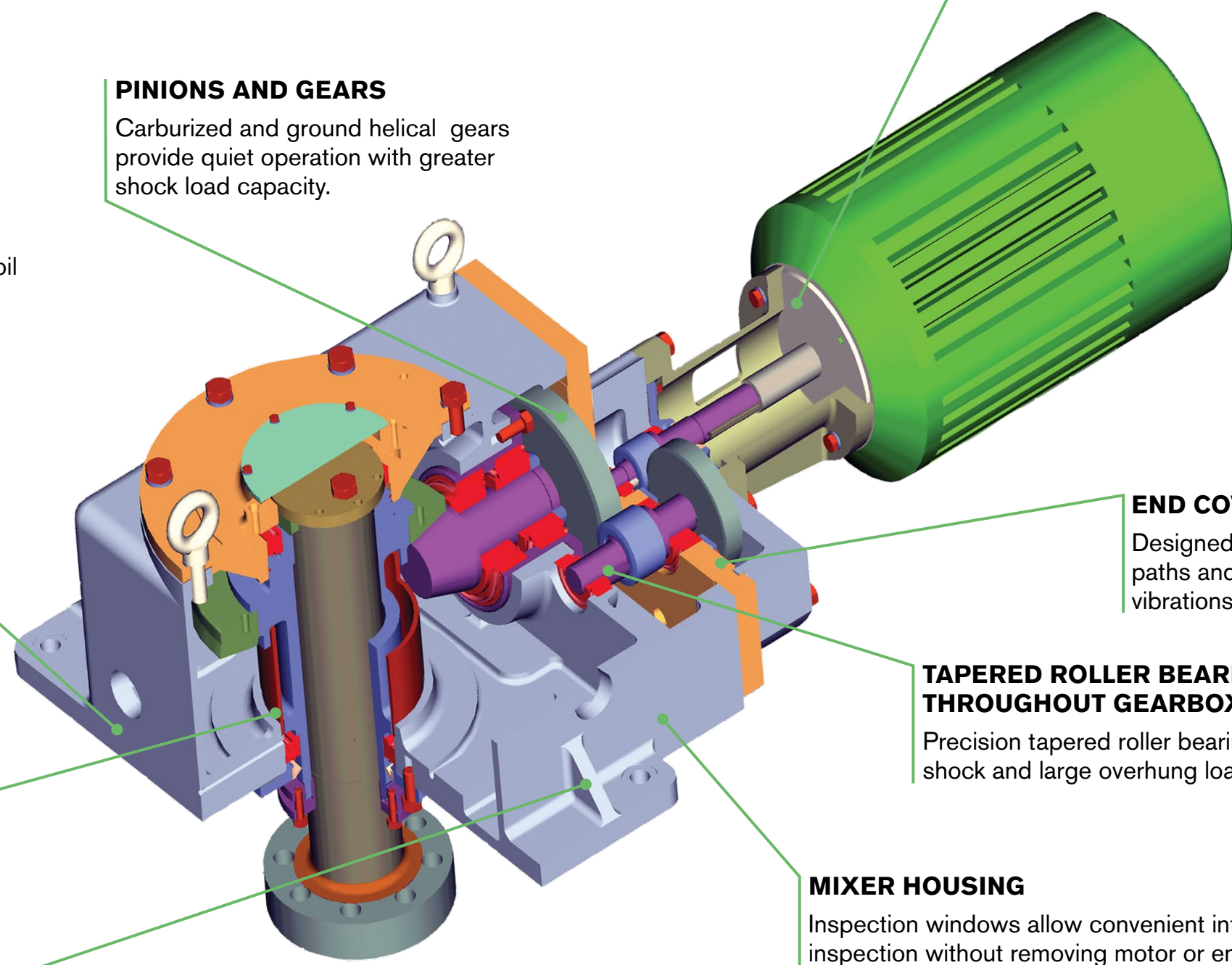
Inspection windows allow convenient internal inspection without removing motor or end plate.

DRYWELL DESIGNS

Eliminate oil leaks on the output shaft.

EXTRA GUSSETING

Provides rigidity to handle loads exerted on the housing by the mixing and agitation forces, leading to longer bearing and gear life.





Philadelphia Mixing Solutions and its subsidiary, Mixing Solutions, operate one of the world's largest and most comprehensive mixing laboratories dedicated to agitation and aeration process optimization. With over 60 years experience, Philadelphia Mixing Solutions continues to be a leader and innovator in the design and manufacture of agitation and aeration equipment.

Philadelphia Mixing Solutions serves industries that value superior operational performance and reliability. Philadelphia Mixing Solutions has expanded its reach internationally to provide products, technical services and field support to customers around the world.

Our mixing process experts can build the right solution for your unique mixing requirements to:

- Partner with you on projects to meet your unique needs
- Model mixing outcomes using the latest technology in mixing diagnostics
- Provide superior blending for reduced power consumption
- Design equipment for mechanical reliability and operational durability
- Provide follow-up support to ensure system success for your business
- Reduce maintenance costs and increase operating uptime
- Improve operating efficiency and finished product quality
- ISO 9001:2008



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For more information, visit www.spxflow.com/philadelphia.