

WINSMITH



SE STAINLESS STEEL WORM GEAR SPEED REDUCERS



SE Stainless Reducers...the Solution for Severe Environmental Applications.

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SE Stainless Steel Worm Gear Speed Reducers

- Fights Contamination
- Constructed of Superior 316 Stainless Steel
- Engineered for Frequent and Harsh Wash Down Conditions
- Matte Finish Provides More Efficient Heat Dissipation
- Design Resists Rust, Contamination, and Retards the Growth of Bacteria
- Non-Wicking Gaskets on all Machined Surfaces Block Bacteria Ingress
- Internal O-Rings Used with the Non-Wicking Gaskets Provide Additional Contamination Barrier
- Optional Stainless Steel Vent Increases Seal Life and Lowers Operating Temperature
- Input and Output Bronze Bushing System Eases Motor and Shaft Disconnection
- Available in a Wide Variety of Product Configurations



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Cast 316 stainless steel housings, covers, and input adaptors eliminate the possibility of corrosion

Supplied rubber gasket fits between motor flange and reducer adaptor (not shown)

Symmetric hollow shafts provide mounting flexibility

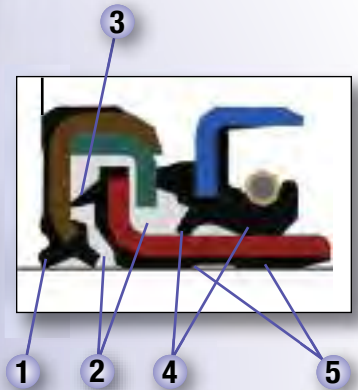
No. 4 polished pharmaceutical finish available

Nameplate etched into reducer housing

Optional top mounting holes available

Two tapped motor mounting holes for easy motor removal

Hollow output shaft puller slots ease reducer removal



Stainless Steel motor mounting bolts provided with each reducer

All worm-on-shaft bores are coated with NSF approved rust preventative

Filled with Mobil Glygoyle™ 460 NSF H1 food grade lubricant

2 Year Warranty



WINSHIELD™ ADVANCED SEALING TECHNOLOGY SYSTEM

WINSHIELD incorporates an exclusive exclusionary barrier seal that works to exclude external contaminants like high-pressure wash down materials from entering our speed reducers. A precise network of barriers is used to keep contaminants out and lubrication in our speed reducers.

BARRIERS

- 1 Exterior dual lip seal provides a positive seal barrier between the outside atmosphere and the driven shaft
- 2 Seal cavity packed with food grade grease provides additional contamination barrier
- 3 Additional single lip seal rotating on a hardened surface inside the seal, provides a backup seal for the exterior and interior dual lip seals
- 4 Internal spring loaded dual lip seal is a barrier holding in the lubrication while providing a positive seal with the hardened surface of the rotating seal sleeve
- 5 Nitrile coated sleeve provides a static barrier between the hardened sealing surface and the driven shaft