

## Sumitomo Drive Technologies

A global power transmission solutions provider, with facilities strategically located throughout the world, providing comprehensive products and services in your region.

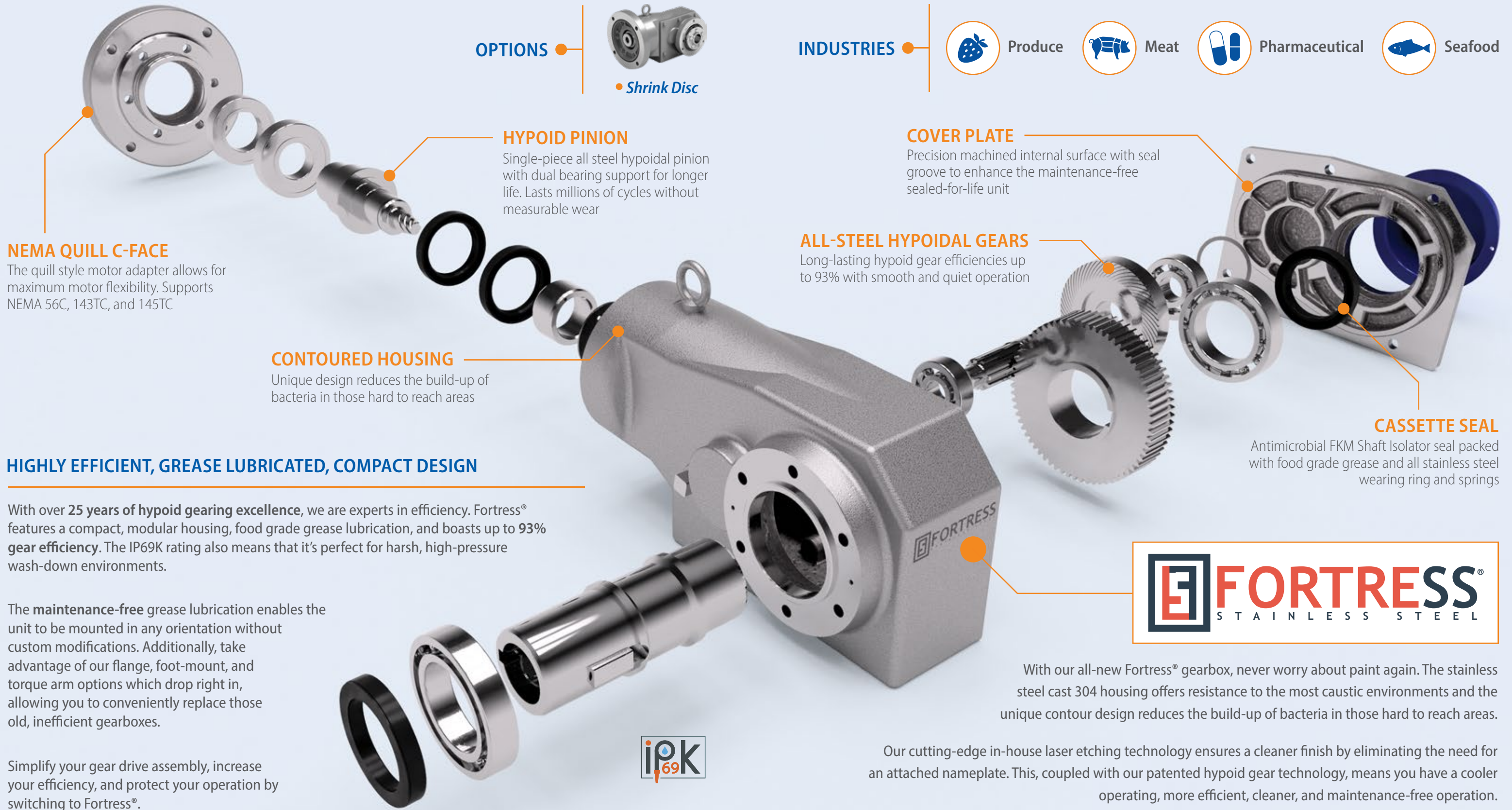


Sumitomo Machinery Corporation of America

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

For worldwide locations, please visit [www.sumitomodrive.com/worldwide](http://www.sumitomodrive.com/worldwide)  
Contact your local representative at [www.sumitomodrive.com/representative](http://www.sumitomodrive.com/representative)  
Tel: 1-800-SM-CYCLO (762-9256) 01.104.51.05 Fortress Brochure 2024





**NEMA QUILL C-FACE**

The quill style motor adapter allows for maximum motor flexibility. Supports NEMA 56C, 143TC, and 145TC

**OPTIONS**



**INDUSTRIES**



Produce



Meat



Pharmaceutical



Seafood

**HYPOID PINION**

Single-piece all steel hypoidal pinion with dual bearing support for longer life. Lasts millions of cycles without measurable wear

**COVER PLATE**

Precision machined internal surface with seal groove to enhance the maintenance-free sealed-for-life unit

**ALL-STEEL HYPOIDAL GEARS**

Long-lasting hypoid gear efficiencies up to 93% with smooth and quiet operation

**CONTOURED HOUSING**

Unique design reduces the build-up of bacteria in those hard to reach areas

**CASSETTE SEAL**

Antimicrobial FKM Shaft Isolator seal packed with food grade grease and all stainless steel wearing ring and springs

**HIGHLY EFFICIENT, GREASE LUBRICATED, COMPACT DESIGN**

With over 25 years of hypoid gearing excellence, we are experts in efficiency. Fortress® features a compact, modular housing, food grade grease lubrication, and boasts up to 93% gear efficiency. The IP69K rating also means that it's perfect for harsh, high-pressure wash-down environments.

The maintenance-free grease lubrication enables the unit to be mounted in any orientation without custom modifications. Additionally, take advantage of our flange, foot-mount, and torque arm options which drop right in, allowing you to conveniently replace those old, inefficient gearboxes.

Simplify your gear drive assembly, increase your efficiency, and protect your operation by switching to Fortress®.



With our all-new Fortress® gearbox, never worry about paint again. The stainless steel cast 304 housing offers resistance to the most caustic environments and the unique contour design reduces the build-up of bacteria in those hard to reach areas.

Our cutting-edge in-house laser etching technology ensures a cleaner finish by eliminating the need for an attached nameplate. This, coupled with our patented hypoid gear technology, means you have a cooler operating, more efficient, cleaner, and maintenance-free operation.

**SPECS**



**HP RATING**  
1/2 HP to 2 HP  
(1.72 kW)



**DIAMETER**  
3/4in to 1-7/16in

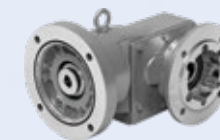


**TORQUE**  
Up to 2,190 lb-in  
(247 N·m)



**RATIO RANGE**  
7:1 up to 60:1

**MOUNTING**



• Flange Mount



• Foot Mount



• Shaft Mount

