

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 Drive Technologies

FORTRESS®

STAINLESS STEEL RIGHT ANGLE SPEED REDUCER



Headquarters



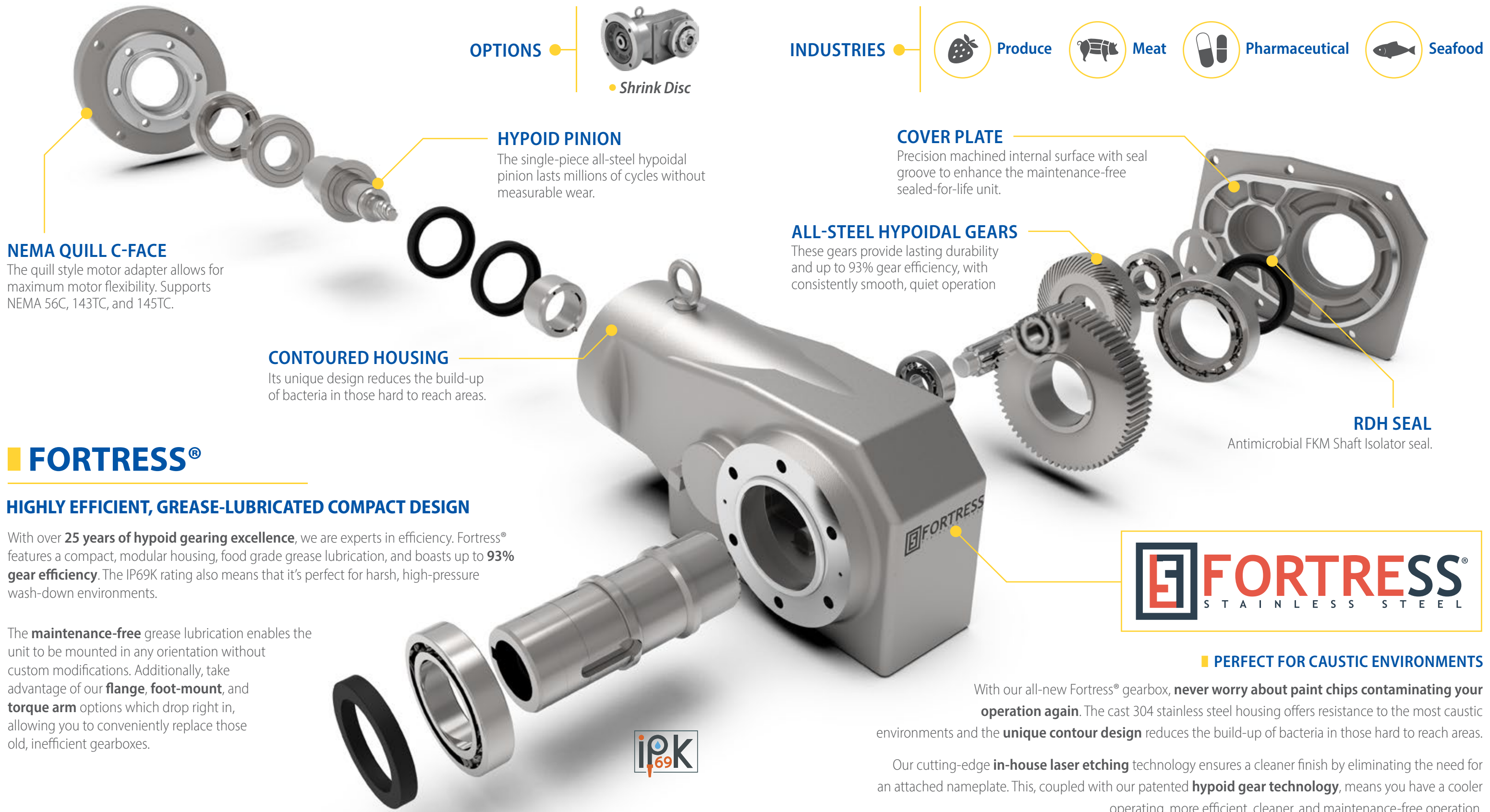
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Configurator
Configure our products
to *your* needs.

- ★ MANUFACTURING HUB & HEADQUARTERS
- ★ MANUFACTURING HUB
- ASSEMBLY & SERVICE
- SERVICE
- ▲ REGIONAL SALES OFFICE



OPTIONS

- Shrink Disc

INDUSTRIES

- Produce
- Meat
- Pharmaceutical
- Seafood

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

HYPOID PINION
The single-piece all-steel hypoidal pinion 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
These gears provide lasting durability and up to 93% gear efficiency, with consistently smooth, quiet operation

CONTOURED HOUSING
Its unique design reduces the build-up of bacteria in those hard to reach areas.

RDH SEAL
Antimicrobial FKM Shaft Isolator seal.

FORTRESS®

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.



PERFECT FOR CAUSTIC ENVIRONMENTS

With our all-new Fortress® gearbox, **never worry about paint chips contaminating your operation again**. The cast 304 stainless steel 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