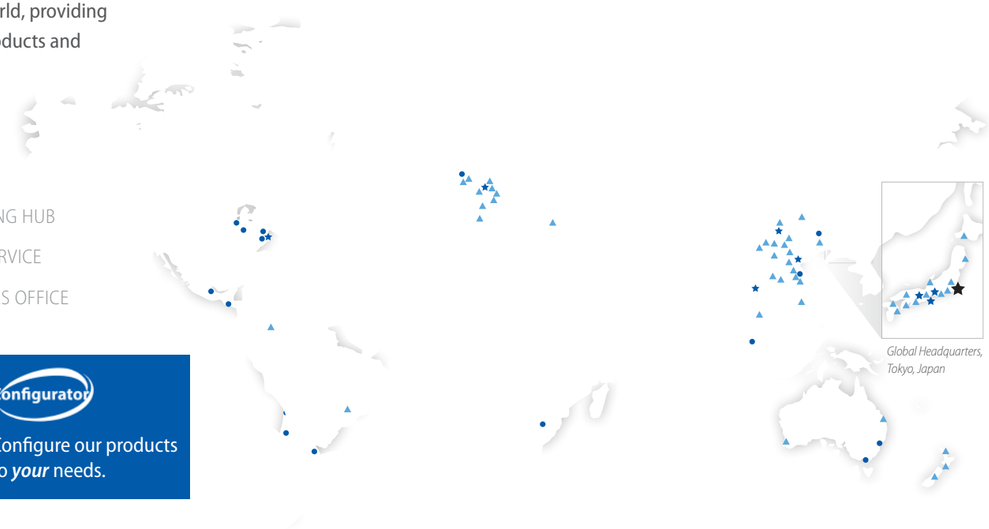
Sumitomo Drive Technologies

Sumitomo, Hansen and Seisa. Three brands, one global power transmission solutions provider. Sumitomo Drive Technologies has facilities strategically located throughout the world, providing comprehensive products and services in your region.



Configurator

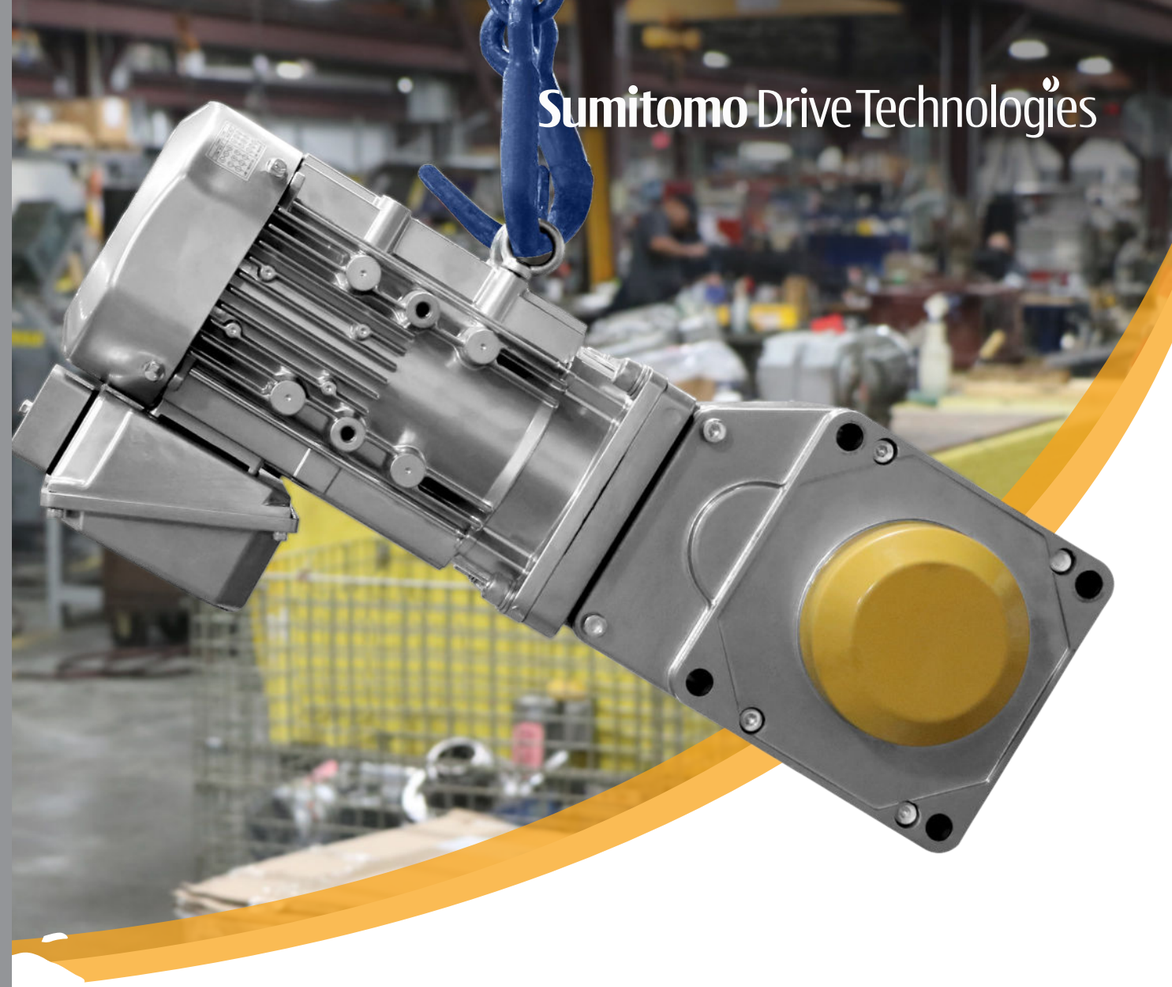
Configure our products to *your* needs.

Sumitomo Machinery Corp.

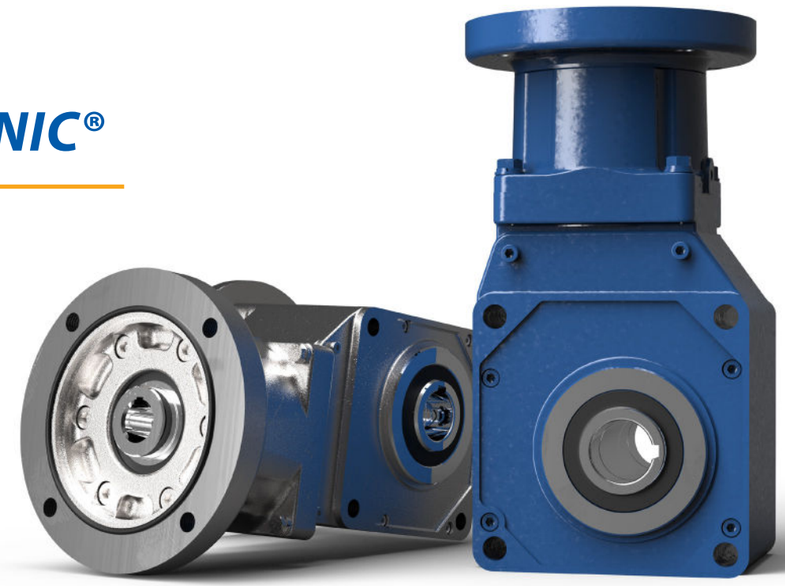
www.Sumitomo

For worldwide locations, please visit www.sumitomodrive.com/worldwide
Contact your local representative at www.sumitomodrive.com/representative
T: 1-800-SM-CYCLO (762-9256)

12.001.51.009 Hyponic Brochure 2019



HYPONIC®



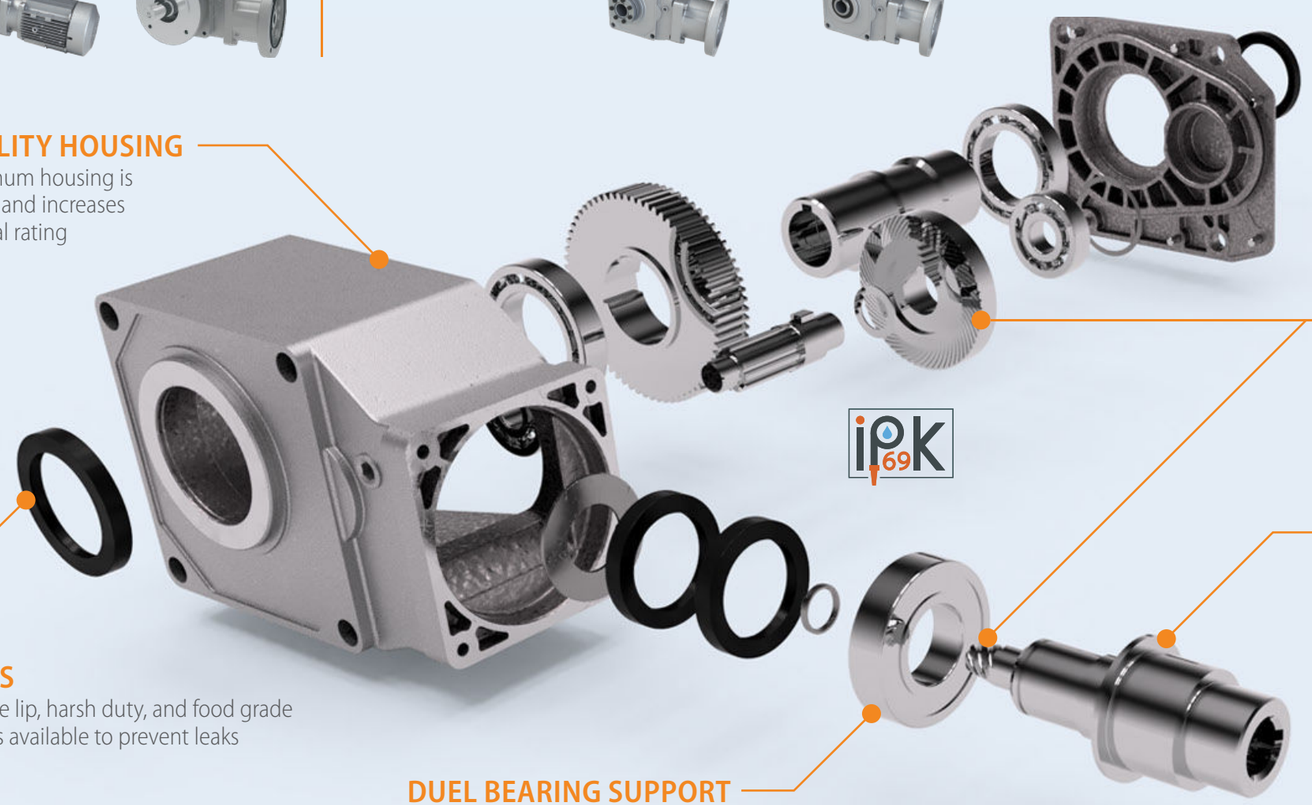
MOUNTING

- *Foot Mount*
- *Flange*
- *Shrink Disc*
- *Keyed Hollow Bore*

INPUTS & OUTPUTS

- *Integral Motor*
- *Quill*
- *Coupled C-Face*
- *Plug-In-Shaft*

QUALITY HOUSING
Aluminum housing is lighter and increases thermal rating



SEALS
Multiple lip, harsh duty, and food grade designs available to prevent leaks

DUEL BEARING SUPPORT

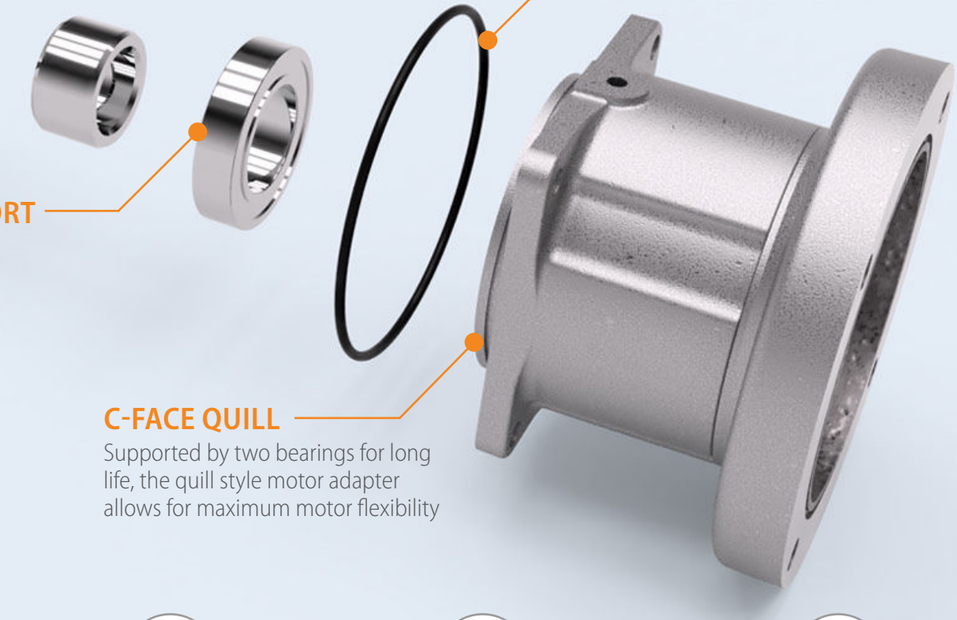
ALL-STEEL HYPOID GEARING
Patented Hyponic® gear technology is up to 93% gear efficient across all ratios providing a smooth, quiet operation which does not require a cooling fan.

HYPOID PINION
Single-piece all steel hypoidal pinion for longer life. Lasts millions of cycles without measurable wear

DUEL BEARING SUPPORT

QUILL O-RING
Prevents water intrusion

C-FACE QUILL
Supported by two bearings for long life, the quill style motor adapter allows for maximum motor flexibility



HYPONIC®

REQUIRES NO OIL CHANGES AND UP TO 93% EFFICIENT

The Sumitomo Hyponic® gearing represents over **25 years of hypoid gearing excellence**. With millions of Hyponic® units currently in service, the product features a compact, modular housing, maintenance-free grease lubrication and boasts a **gear efficiency of up to 93%** across all ratios.

The **maintenance-free** grease lubrication enables the unit to be mounted in any orientation without custom modifications. In addition to general-purpose solutions, with multiple food grade options, Hyponic® is perfect for **harsh, high-pressure wash-down environments**.

Simplify your gear drive assembly and increase efficiency by switching to Hyponic®.

OPTIONS

Stainless Steel Motor

SHIELD360® Protection Packages

SPECS

HP RATING
Up to 15 HP (11 kW)

DIAMETER
3/4in to 2in

TORQUE
Up to 13,100 lb•in (1,480 N•m)

RATIO RANGE
5:1 up to 1,440:1