



## Sumitomo Drive Technologies

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



**Configurator**  
Configure our products to *your* needs.

Sumitomo Machinery Corporation of America

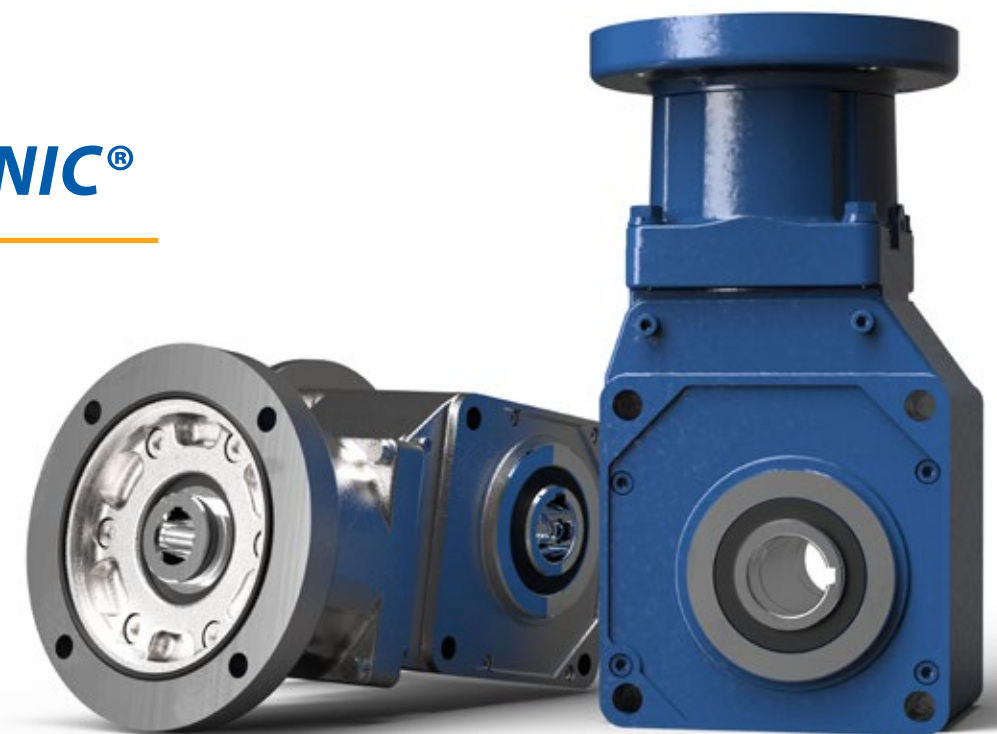
[www.SumitomoDrive.com](http://www.SumitomoDrive.com)

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) 12.001.51.010 Hyponic Brochure 2024



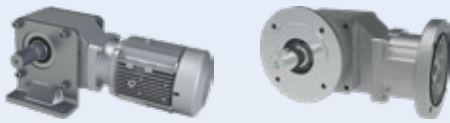
# Sumitomo Drive Technologies

## **H** HYPONIC®



• Foot Mount

• Flange



**MOUNTING**

• Shrink Disc

• Keyed Hollow Bore



• Integral Motor

• Quill



• Coupled C-Face

• Plug-In-Shaft



**INPUTS & OUTPUTS**

**QUALITY HOUSING**

Aluminum housing is lighter and increases thermal rating

**SEALS**

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

**DUAL BEARING SUPPORT**



**HYPOID PINION**

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

**DUAL 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.

**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



**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