



Sumitomo Drive Technologies

**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.

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

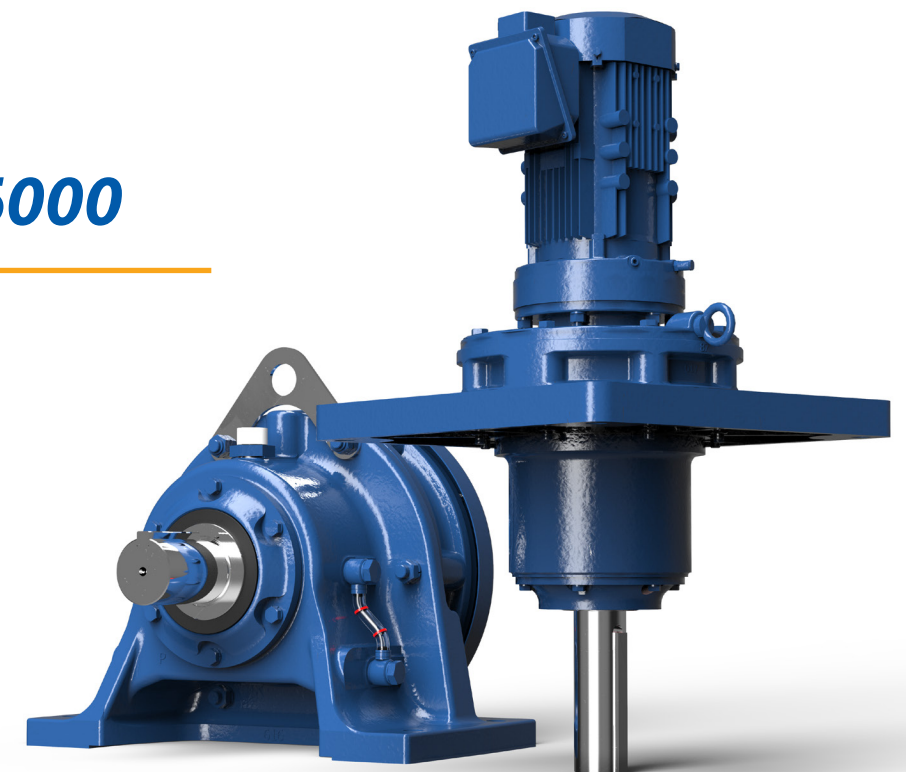


**Configurator**  
Configure our products to *your* needs.

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) 04.601.51.007 Cyclo Brochure 2019

**CYCLO® 6000**





- "H" Foot
- V-Flange
- F-Flange



**MOUNTING**

- Coupled C-Face
- Integral Motor
- Shovel Base
- Free Shaft
- Quill
- Top Mount



**INPUTS**

**SEALS**

Wear sleeves and pressure-rated to prevent leaks

**HOUSING**

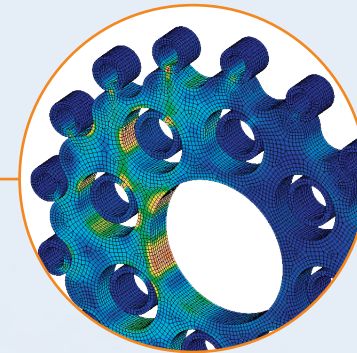
Rugged, shock-resistant cast iron housing. Optional ductile iron housing also available

**RING GEAR HOUSING**

High power density, all reduction contained in compact ring gear housing

**500% MOMENTARY SHOCK LOAD**

The Cyclo® design spreads the load across 2/3 of the reduction components, enabling the units to absorb and dissipate shocks better than typical concentric drives.



**CYCLO® DISC**

All rotating components are fully hardened, vacuum degassed bearing grade steel, for consistent, reliable performance

**DYNAMIC AIR MOTIVATOR**

**MOTIVATOR COVER**



**OIL LEVEL INDICATOR**

**SLOW-SPEED SHAFT**

**ECCENTRIC CAM**

**END SHIELD**

**HIGH-SPEED SHAFT**

**CYCLO® 6000**

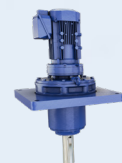
**UNMATCHED RELIABILITY & EXCEPTIONAL PERFORMANCE**

Cyclo® speed reducers and gearmotors are the premier in-line drives. The revolutionary Cyclo® design provides quiet, efficient, and reliable performance exceeding that of involute tooth gear designs.

Unlike geared designs, the Cyclo®'s reduction components operate in compression rather than shear, which results in exceptionally rugged and shock resistant performance.

The Cyclo® technology coupled with innovative product options and accessories offer the most extensive range of application solutions available.

**OPTIONS**



Overhead Drive



Mixer Drive

**SPECS**



**HP RATING**  
Up to 235 HP  
(175 kW)



**DIAMETER**  
1/2in to 7in  
(Solid Shaft)



**TORQUE**  
Up to 603,000 lb-in  
(68,130 N·m)



**RATIO RANGE**  
3:1 up to 658,503:1