



Sumitomo Drive Technologies

Sumitomo Drive Technologies

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



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

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

Sumitomo Machinery Corporation of America
www.SumitomoDrive.com

For worldwide locations, please visit www.sumitomodrive.com/worldwide
Contact your local representative at www.sumitomodrive.com/representative
Tel: 1-800-SM-CYCLO (762-9256) 04.601.51.008 Cyclo Brochure 2024

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

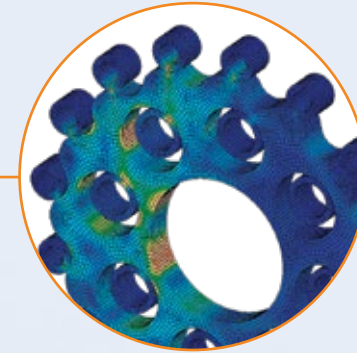
Rugged, shock-resistant cast iron housing. Optional ductile iron housing also available

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



* Rating applies to specific products.

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