



Sumitomo

گیارباکس



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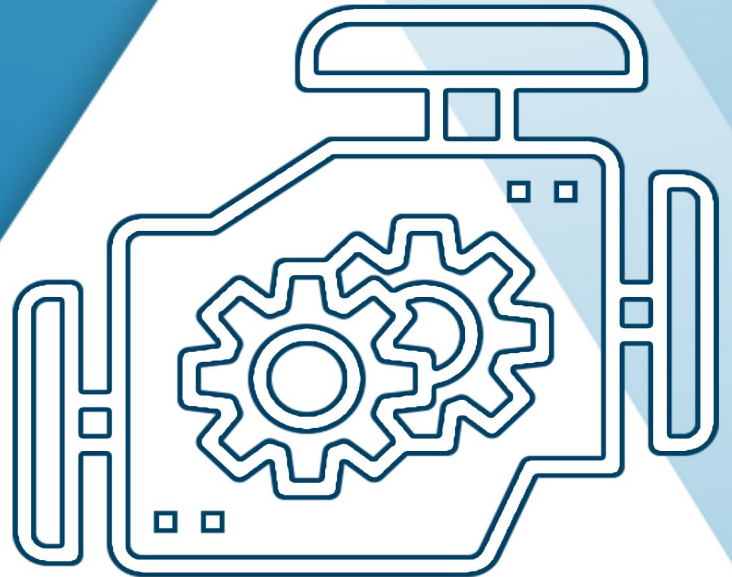


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[+982188544230](tel:+982188544230)

Catalog 2021



GEARBOX

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Sumitomo
Drive Technologies



Gearbox

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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
- SERVICE
- ▲ REGIONAL SALES OFFICE



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Sumitomo Drive Technologies



Product Showcase



We offer a comprehensive lineup of high quality power transmission products.

For any of your power transmission needs, we have the right product for you.



Robust, Reliable, Efficient

No Matter the Application



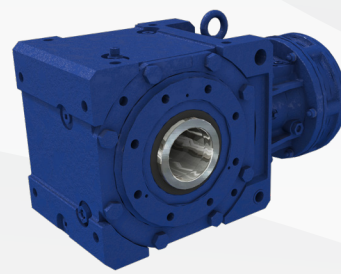
C CYCLO® 6000

- Up to 235 HP (175 kW)
- 1/2in to 7in (Solid Shaft)
- Up to 603,000 lb-in (68,130 N·m)
- 3:1 up to 658,503:1



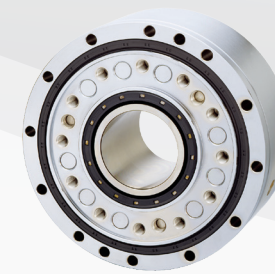
H HYPONIC®

- Up to 15 HP (11 kW)
- 3/4in to 2in (Hollow & Solid)
- Up to 13,100 lb-in (1,480 N·m)
- 5:1 up to 1,440:1



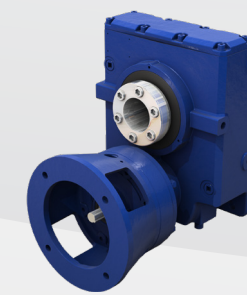
B4 CYCLO® BBB 4

- Up to 100 HP (75 kW)
- 1in to 4-15/16in (Hollow & Solid)
- Up to 159,983 lb-in (18,076 N·m)
- 11:1 up to 26,000:1 and greater



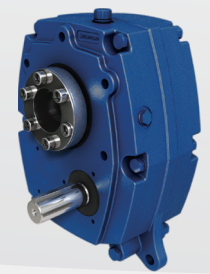
MC MOTION Control

- Zero mechanical backlash
- Up to 138mm (Hollow Bore)
- Up to 265,522 lb-in (30,000 N·m)
- 29:1 up to 283:1



HB CYCLO® HBB

- Up to 40 HP (30 kW)
- 1-3/16in to 6-1/2in (Hollow Bore)
- Up to 75,800 lb-in (8,564 N·m)
- 11:1 up to 26,492:1



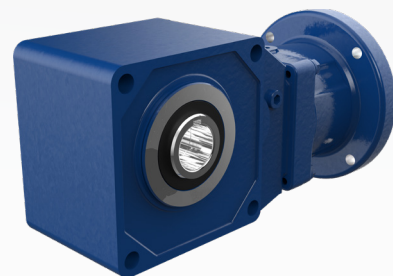
HS HELICAL Shaft Mount

- Up to 300 HP (224 kW)
- 107 to 608 (Hollow Bore)
- Up to 388,884 lb-in (43,938 N·m)
- 5:1, 9:1, 14:1, 20:1, 25:1



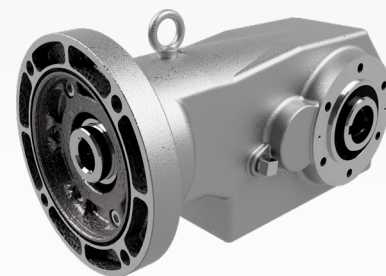
INVERTERS E3 & P2

- Up to 350 HP (250 kW)
- 200 to 600V (Single & 3-Phase)
- Up to 200% (From Zero Speed)
- Up to 200% Overload (4 secs)



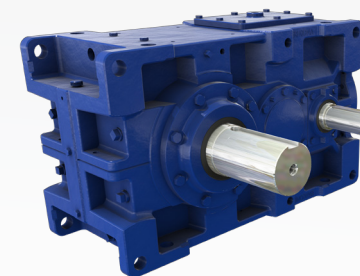
BH BBB-H

- Up to 15 HP (11 kW)
- 1in to 2-3/16in (Hollow)
- Up to 9,028 lb-in (1,020 N·m)
- 5:1 up to 20:1



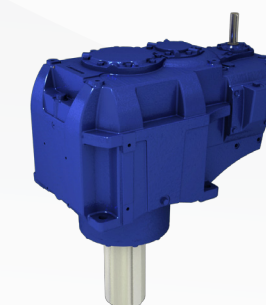
F FORTRESS®

- Up to 2 HP (1.5 kW)
- 3/4in to 1-7/16in (Hollow & Solid)
- Up to 1,970 lb-in (223 N·m)
- 7:1 up to 60:1



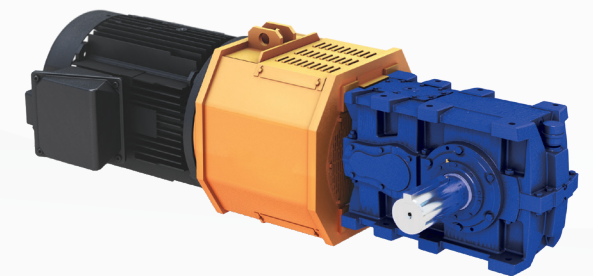
PX PARAMAX® 9000

- Up to 5,230 HP (3,900 kW)
- 58mm to 360mm (Hollow & Solid)
- Up to 4.9m lb-in (552,000 N·m)
- Up to 500:1 Standard



P4 HANSEN P4

- Up to 14,080 HP (10,500 kW)
- 3.15in to 15.75in (Solid Shaft)
- Up to 9.7m lb-in (1.1m N·m)
- Up to 630:1 (and custom ratios)



U UNIMINER

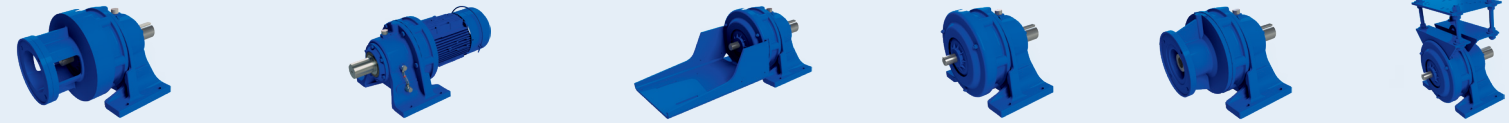
- Up to 2,300 HP (1,738 kW)
- 4-5/8in to 7-1/2in (Hollow & Solid)
- Up to 889,000 lb-in (100,445 N·m)
- 10:1 to 71:1 (and custom ratios)

- "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

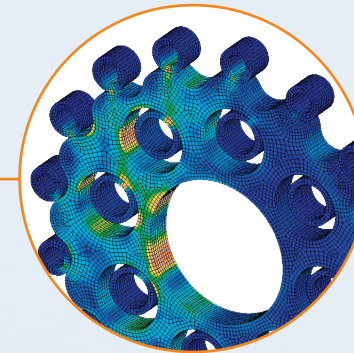
Rugged, shock-resistant cast iron housing. Optional ductile iron housing also available.

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.



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DYNAMIC AIR MOTIVATOR

MOTIVATOR COVER



* Rating applies to specific products.

OIL LEVEL INDICATOR

SLOW-SPEED SHAFT

ECCENTRIC CAM

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.

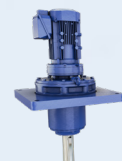
Unlike geared designs, the Cyclo's reduction components operate in compression rather than shear, which results in exceptionally rugged and shock resistant performance.

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

MOBIL SHC™ GEAR HI-SHOCK 150

- High-Performance Synthetic Lubricant
- Available for Cyclo® Products
- Extends the Life up to 3 Times
- Available 3-Year Warranty

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



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kalasanati.com
info@kalasanati.com
Tel: 02188544230