



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

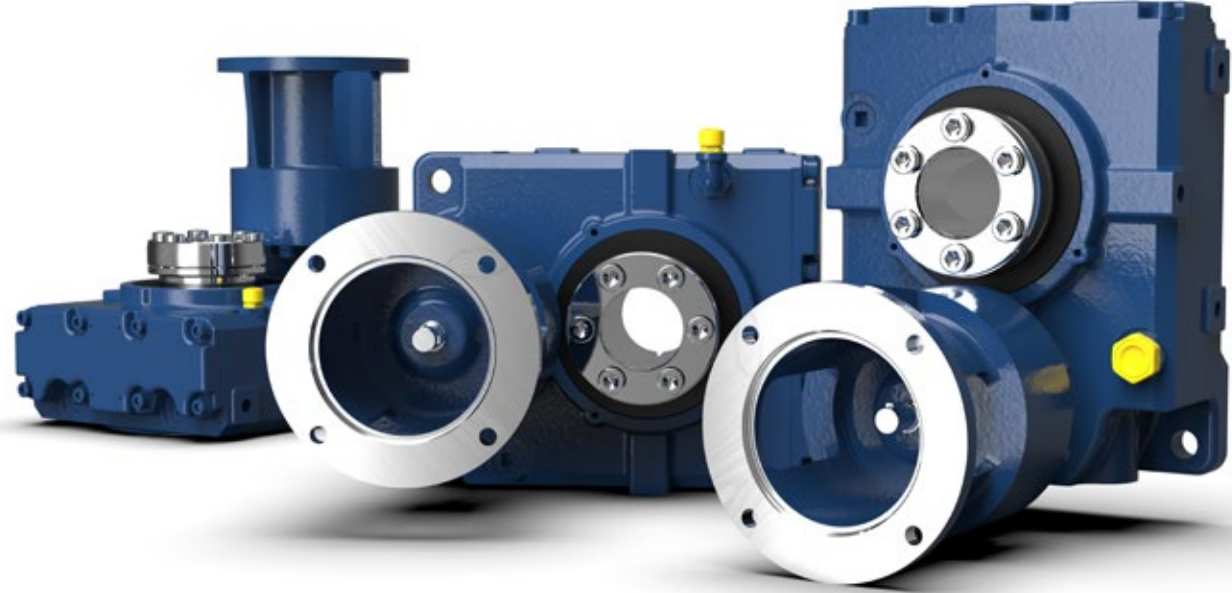


Configurator
Configure our products to *your* needs.

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) 07.601.51.006 HBB Brochure 2024

HB CYCLO® HELICAL BUDDYBOX®



- Flange Mount
- Face Mount
- Hollow Shaft



MOUNTING

- Taper-Grip® Bushing
- Gearmotor
- Brakemotor
- Quill
- C-Face



INPUTS & OUTPUTS

HB CYCLO® HELICAL BUDDYBOX®

INNOVATIVE SHAFT MOUNTED DRIVE SOLUTIONS FOR DEMANDING APPLICATIONS

The Cyclo® HBB combines the quiet, efficient, and reliable performance of the Cyclo® input with the rugged helical gear output. The modular design provides a compact, efficient product and the most flexible range of output speed and torque combinations available.

The simple splash lubrication system extends the life of the unit and the highly efficient design has **no thermal limitations** which eliminates the need for an external fan.

LONG LIFE BEARINGS

Oversized, heavy-duty bearings for maximum strength and service life



HELICAL GEARING

Hardened-steel gearing

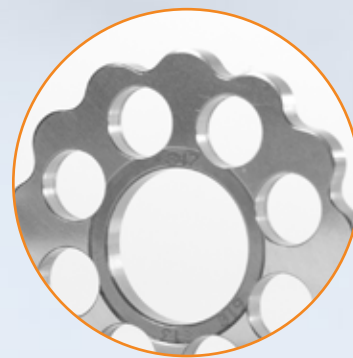


MONOBLOC HOUSING

Cast iron housing is strong, corrosion resistant, and sound dampening. Monobloc design eliminates leaks at housing split

CYCLOIDAL TECHNOLOGY

Utilizes all Cyclo® input modifications to produce high ratios in amazingly small spaces.



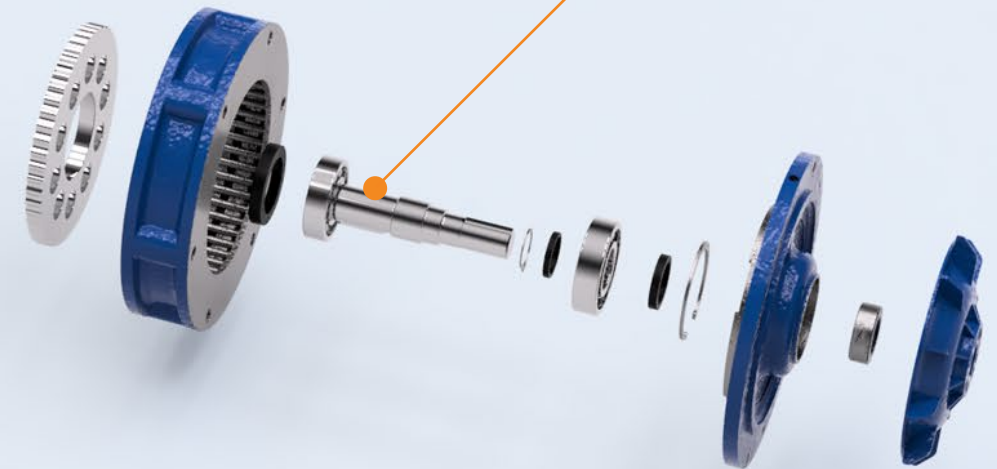
DOUBLE OUTPUT SEALS



TAPER-GRIP BUSHING®

Our patented Taper-Grip® bushing system offers simple shaft mounting and provides self-aligning, backlash-free torque transmission to the driven shaft

HIGH SPEED SHAFT



OPTIONS



CEMA Screw Conveyor Drive



Lip Seal

SPECS



HP RATING
Up to 40 HP
(30 kW)



DIAMETER
1-3/16in to 6 1/2in
(Hollow Bore)



TORQUE
Up to 75,800 lb-in
(8,564 N·m)



RATIO RANGE
11:1 up to 26,492:1