



# 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.



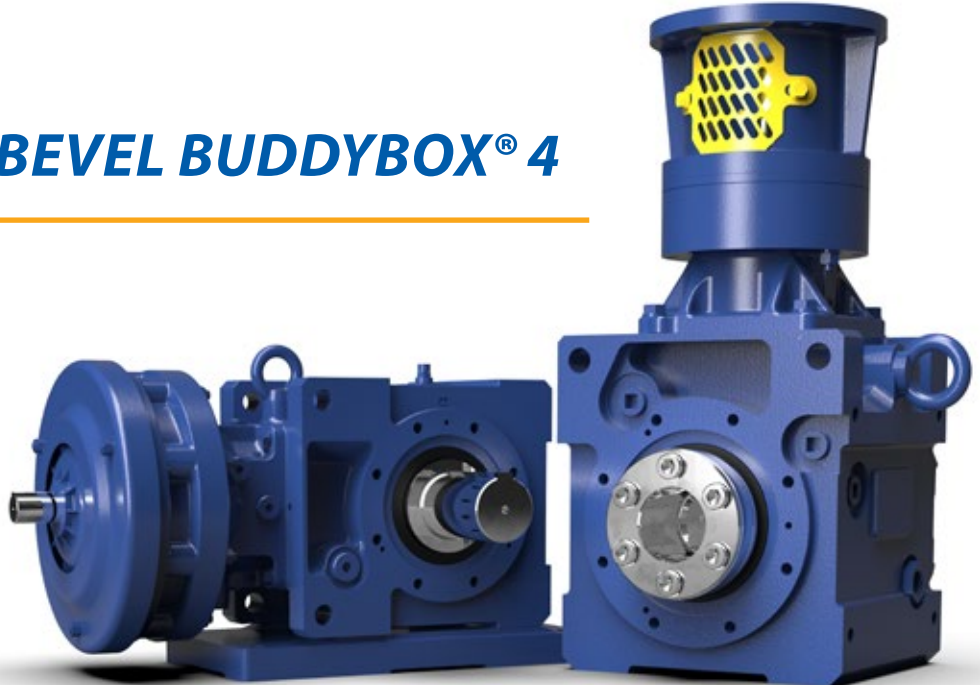
- ★ MANUFACTURING HUB
- ASSEMBLY & SERVICE
- SERVICE
- ▲ REGIONAL SALES OFFICE

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

Sumitomo Machinery Corporation of America  
[www.SumitomoDrive.com](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) 13.604.51.006 BBB4 Brochure 2024

## B4 CYCLO® BEVEL BUDDYBOX® 4



- Flange
- Foot
- U Face



**MOUNTING**

- Taper-Grip® Bushing
- Shrink Disc
- Keyed Hollow Bore
- Solid Shaft
- Integral Motor
- Quill
- C-Face



**INPUTS & OUTPUTS**

**DUCTILE IRON HOUSING**

Twice as strong as cast iron, making it one of the most rugged bevel gearboxes on the market

**OPTIONAL TACONITE SEAL ASSEMBLY**

Heavy-duty, fortified, grease purgeable system withstands the most demanding applications



**ONE PIECE PINION**

Oversized, single-piece pinion provides a robust solution capable of 300% momentary shock-load. Designed and manufactured in the USA.

**100% HARDENED STEEL COMPONENTS**

Provide long life, smooth operation, and superior strength

**TAPERED BEARINGS**

Resist axial and radial loads simultaneously

**TANDEM DUAL LIP SEALS**

Prevent leaks and exclude contaminants



\* Rating applies to specific products.

**BEARING**

**CYCLO® DISC**

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

**B4 CYCLO® BEVEL BUDDYBOX® 4**

**RIGHT ANGLE SPIRAL BEVEL WITH CYCLO® OR PLANETARY INPUTS**

A robust, state-of-the-art, mid-sized family of speed reducers and gearmotors. The Cyclo® BBB4 has a unique combination of features that result in a **highly reliable, efficient, and durable gearbox**. The all-steel internal construction, Cyclo® or planetary gear inputs and the ductile iron housing, provide **unmatched ruggedness**.

Also available as a **mixer drive** with an **integrated drywell** and space-saving footprint.

**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**



Screw Conveyor



Mixer

**SPECS**



**HP RATING**  
Up to 100 HP  
(75 kW)



**DIAMETER**  
1in to 4-15/16in  
(Hollow & Solid)



**TORQUE**  
Up to 159,983 lb·in  
(18,076 N·m)



**RATIO RANGE**  
11:1 up to 26,000:1  
and greater