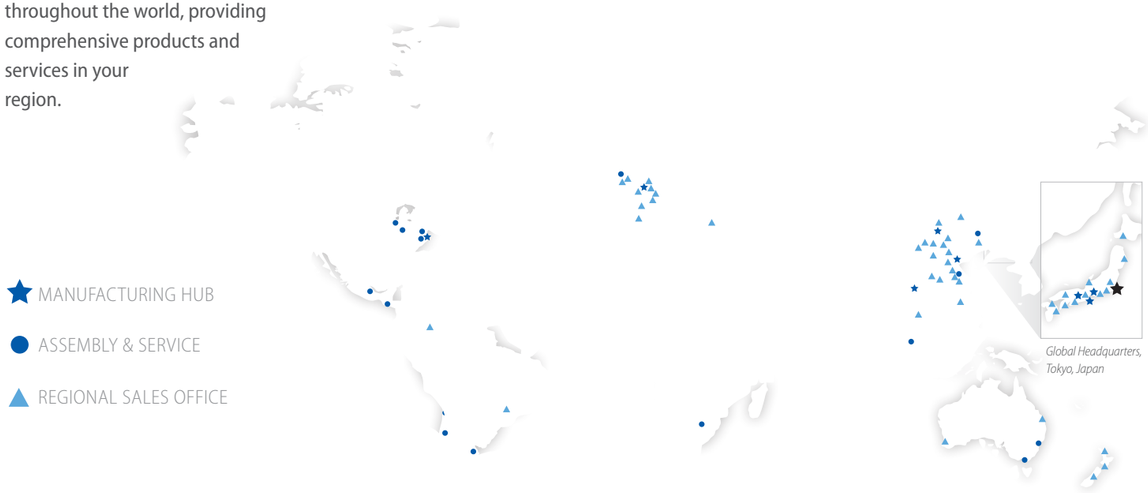
Sumitomo Drive Technologies

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.



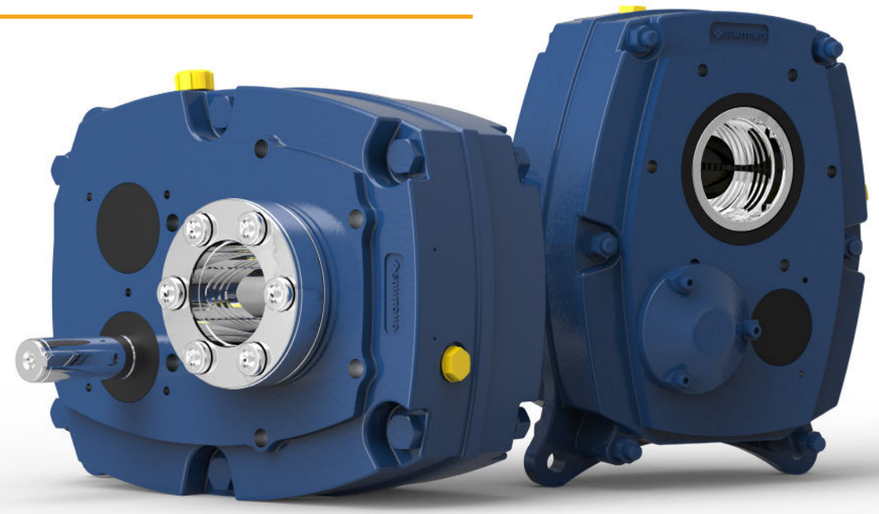
Sumitomo Machinery Corp.

www.Sumitomo

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

15.001.51.008 HSM Brochure 2019

HS HELICAL SHAFT MOUNT

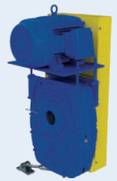


- *Taper-Grip® Bushing*
- *Screw Conveyor*
- *Packing Gland*
- *Lip Seal*

INPUTS & OUTPUTS

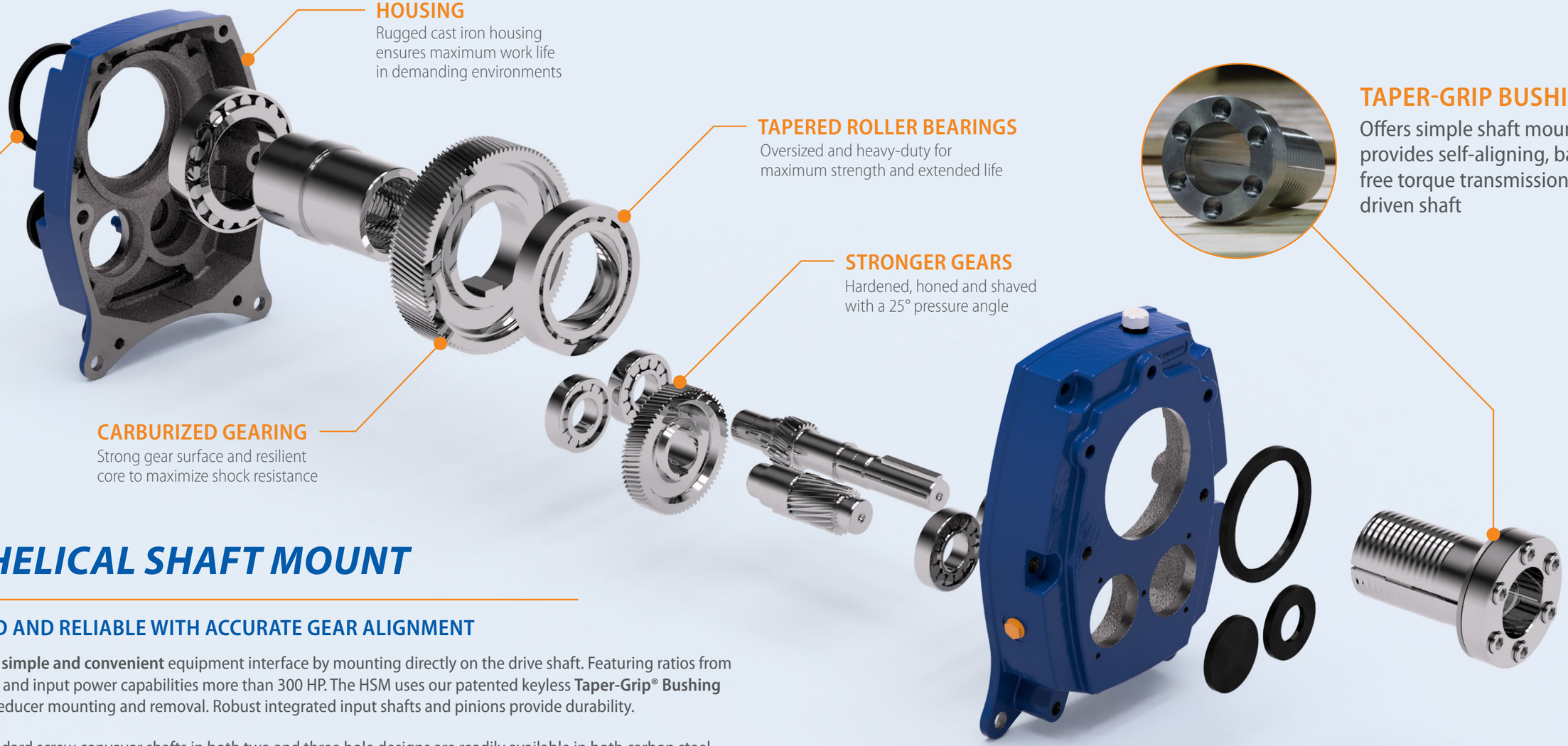
- *Backstops*
  Easily accessible sprag style

- *Belt Drives*
  Modern "V" or traditional classic



- *Belt Guards*
  Expanded metal or polymeric

ACCESSORIES



HOUSING
Rugged cast iron housing ensures maximum work life in demanding environments

SEALS

TAPERED ROLLER BEARINGS
Oversized and heavy-duty for maximum strength and extended life

STRONGER GEARS
Hardened, honed and shaved with a 25° pressure angle

CARBURIZED GEARING
Strong gear surface and resilient core to maximize shock resistance

TAPER-GRIP BUSHING®
Offers simple shaft mounting and provides self-aligning, backlash-free torque transmission to the driven shaft

HS *HELICAL SHAFT MOUNT*

RUGGED AND RELIABLE WITH ACCURATE GEAR ALIGNMENT

Provides a **simple and convenient** equipment interface by mounting directly on the drive shaft. Featuring ratios from 5:1 to 25:1 and input power capabilities more than 300 HP. The HSM uses our patented keyless **Taper-Grip® Bushing** for quick reducer mounting and removal. Robust integrated input shafts and pinions provide durability.

CEMA standard screw conveyor shafts in both two and three hole designs are readily available in both carbon steel and stainless steel. Accessories include Belt Guards, Backstops, Belt Drives and Top Mounts.

ORIENTATIONS

Horizontal

Vertical

Upright

SPECS

HP RATING
Up to 300 HP (224 kW)

DIAMETER
107 to 608 (Hollow Bore)

TORQUE
Up to 388,884 lb•n (43,938 N•m)

RATIO RANGE
5:1, 9:1, 14:1 20:1, 25:1