

# CYCLOIDAL SERIES

SPINEA TwinSpin® and DriveSpin® cycloidal reducers are designed for high precision, torque density, and weight reduction. The C & GH series provide high tilting stiffness, low friction, and high torque overload capacity with a high precision output bearing. In addition the DS & DSH series provide rotary motion and transfer output torque with high radial-axial load capacity.

AUTOMATION & ROBOTICS | MEDICAL | SATELLITE COMMUNICATION | MILITARY | MACHINE TOOLS

# HIGH TORQUE PRECISION

### TwinSpin®

- High reduction ratio and high kinematic accuracy
- Low lost motion
- High moment capacity and stiffness
- Compact and lightweight

### DriveSpin®

- Dynamic, high performance actuator
- Compact design
- High torsional and tilting stiffness
- Zero backlash











(O) CONFIGURE & DOWNLOAD YOUR MODEL AT

www.ConeTools.com

Cycloidal Solutions

## TwinSpin®

Sizes: 065 thru 285 Ratio: 35:1 thru 137:1

Lost Motion: < 1 arc min

Rated Output Torque: ≤ 1,700 Nm

Max. Accel./Decel. Torque: ≤ 4,250 Nm

# DriveSpin®

Sizes: 050 thru 170

Rated Output Torque: ≤ 460 Nm

Max. Acceleration Torque: < 1,150 Nm

(ratings vary by size and style)



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conedrive.com





# SERVO DRIVEN POWER PRECISION MOTION CONTROL

Cone Drive's precision gearing solutions exceed the most demanding needs in motion control applications. Available in both right angle and in-line configurations, we have a variety of products to fit your precision and power needs.

## RIGHT ANGLE, DOUBLE ENVELOPING WORM GEAR



#### SERIES FS

- · Low or standard backlash
- ·IP69k
- ·316 stainless steel adapter and housing
- Viton™ output seals
- 5 year warranty



#### SERIES W

- · Zero, low, or standard backlash
- · Aluminum housing
- · Angular contact ball bearings (worm shaft)
- · Zero backlash bellows style coupling
- •5 year warranty



#### **SERIES RG**

- · Low or standard backlash
- · Cast iron housing
- · White epoxy or stainless steel paint available
- •5 year warranty



#### **SERIES S**

- Conex proprietary worm gearing
- · Aluminum housing
- USDA white epoxy paint available
- · Optional wash down design
- · 2 year warranty



#### **SERIES HP**

- · Low or standard backlash
- · Vented, cast iron housing
- · Bellows or jaw style coupling
- •5 year warranty

#### IN-LINE PRECISION



#### **CONE DRIVE** HARMONIC SOLUTIONS®

- · Low to zero backlash
- High transmission accuracy
- · Customizations available upon request
- ·1 year warranty



### SPINEA CYCLOIDAL TWINSPIN®

· Low backlash

stiffness

- · High reduction ratio
- · High kinematic accuracy · High moment capacity and
- · Compact and lightweight



# 🛟 SPINEA

#### CYCLOIDAL DRIVESPIN®

- · Zero backlash
- Dynamic, high performance actuator
- · Compact design
- · High torsional and tilting stiffness



#### **PLANETARY GEARING**

- Quiet operation
- · Low backlash, high efficiency
- · Stainless steel option
- Competitive interchanges
- 5 year warranty

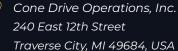


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