

# Cone Drive BY TIMKEN

## Series HP

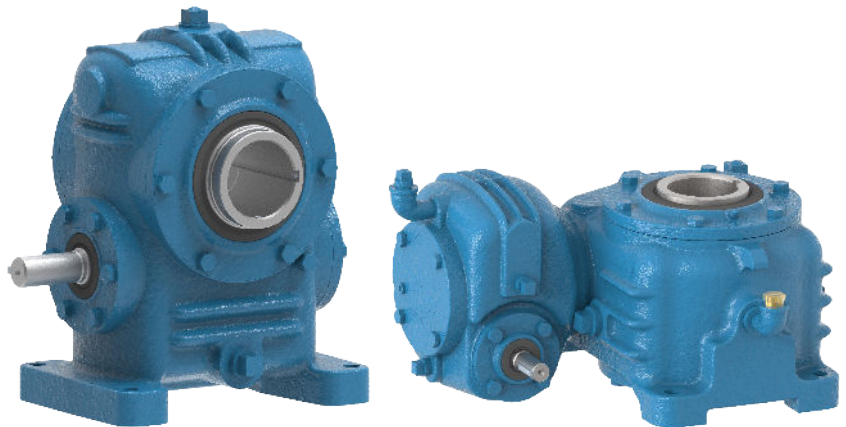
Cone Drive's Series HP is designed with high torque in mind. Our industry leading right angle, double-enveloping worm gear technology is perfect for applications that require extremely high torque and precision in a quiet, compact package. Since 1935, the Cone Drive Series HP has been excelling at meeting our customers' high power needs.

FOOD & BEVERAGE | PACKAGING | METALS & MINING | OIL & GAS | PAPER & PULP

MADE IN  
USA

### HIGH POWER

- Double-enveloping worm gearing supported with two input bearings
- Vented, cast iron construction
- Triple reduction gearboxes available capable of producing almost 3 million lb-in of torque
- Wide range of sizes
- Best in class lead times
- 5 year warranty



CONFIGURE & DOWNLOAD YOUR MODEL AT [www.ConeTools.com](http://www.ConeTools.com)

SERIES HP

## S P E C I F I C A T I O N S

**Center Distance:** 1.50 thru 28 in

**Ratio:** 5:1 thru 343,000:1

**Reductions:** Single, double, triple

**Output Torque**<sub>ConstantSpeed</sub> :  $\leq 2,900,000$  lb-in

**Orientation:** Worm over gear, worm under gear, vertical gearshaft


**Input Shaft:** Single or double extended




**Output Shaft:** Solid (single or double extended), hollow

**Cooling:** Fan or water cooled

**Configurations:** Reducer, NEMA flange, D-Flange motor (helical worm)



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# Cone Drive

BY TIMKEN

## Series HP - Servo

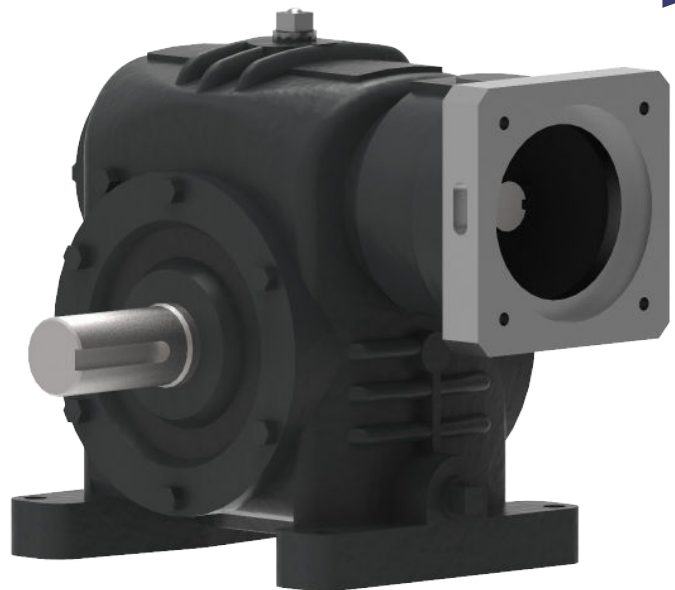
The Series HP - Servo gearbox is designed with power and precision in mind. Cone Drive's industry leading right angle, double-enveloping gearboxes are made for applications that require high torque and motion control in a quiet, compact package. The Series HP - Servo is ready to deliver the performance and accuracy you need.

FOOD & BEVERAGE | PACKAGING | AUTOMATION & ROBOTICS | AEROSPACE | DEFENSE

MADE IN  
USA

### HIGH POWER PRECISION

- Double-enveloping worm gearing supported with two input bearings
- Vented, cast iron housing
- Low or standard backlash
- Bellows or jaw style coupling
- Best in class lead times
- 5 year warranty



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SERIES HP-Servo

## SPECIFICATIONS

**Center Distance:** 3.0 thru 8.0 in

**Ratio:** 5:1 thru 70:1

**Nominal Backlash:** 2 - 35 arcmin

**Output Torque**<sub>ConstantSpeed</sub> : ≤ 97,100 lb-in


**Output Torque**<sub>Acceleration</sub> : ≤ 121,000 lb-in




**Input Shaft:** Single or double extended

**Output Shaft:** Solid (single or double extended), Hollow, Shrink Disc

**Cooling:** Optional fan cooling



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