

Aluminum Worm Gear Reducers

Flexible, reliable, and lightweight speed reduction

When your application requires a lightweight speed reducer, WorldWide Electric's aluminum right angle CALM Series worm gear reducers are a durable, reliable, and highly compatible option. Features include a hardened worm shaft for increased durability, two bearings on all input and output shafts for reliable performance, and multiple mounting holes for all angle mounts. A wide variety of NEMA input flange and hollow output bore sizes will ensure compatibility with many applications.

Specifications

- Housing: One-piece cast aluminum alloy
- Input Compatibility: 56C, 145TC, 182/4TC
- Center Distances: 30 – 90 mm
- Speed Ratio: 7.5:1 – 100:1

In-Stock and Ready to Ship

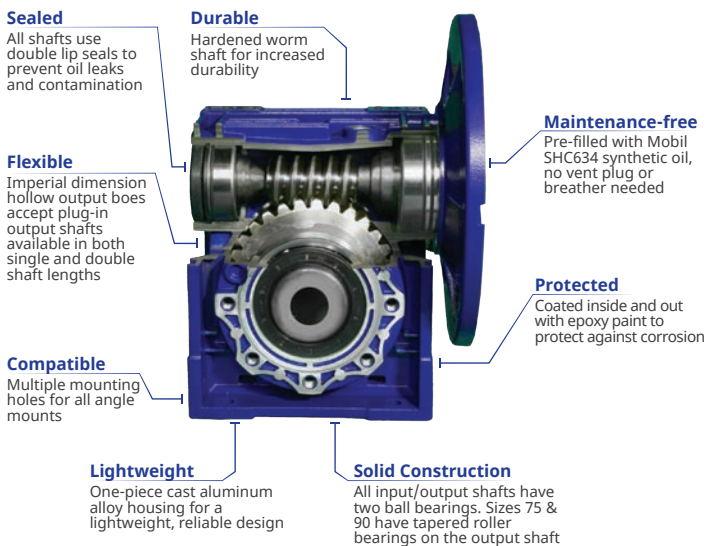
We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$50 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/CALM

Product Features

- 7.5:1 - 100:1 ratios
- 30 mm - 90 mm center distances
- One-piece aluminum alloy housing for lightweight strength
- Hardened worm shaft for increased durability
- Two bearings on input and output shafts
- Sizes 75 and 90 have tapered roller bearings on the output shaft
- NEMA motor input flanges
- All units filled with synthetic oil (Mobil SHC634) for an M1 position mounting
- Adjust oil level for alternative mounting positions
- Double lip oil seals prevent leakage
- Multiple mounting holes for all angle mounts
- Powder coat paint plan on external housing to resist corrosion
- Hollow output bores with plug-in output shafts
- 1 year warranty

For more information, including full compliance and specifications, visit wwec.co/CALM



Model Number Selection

Each model number contains the product family, box size, nominal ratio, and motor frame.

Sample Part Number: CALM30-10/1-56C

CALM	30	-	10/1	-	56C
Product Family	Center Distance		Nominal Ratio*		Motor Frame

*When selecting ratio, replace colon with slash. 10:1 becomes 10/1.

Available Models

Center Distance (mm)	Nominal Ratio	Motor Frame
30	7.5:1	56C
40	10:1	145TC
50	15:1	182/4TC
63	20:1	
75	25:1	
90	30:1	
	40:1	
	50:1	
	60:1	
	80:1	
	100:1	

‡ Not all combinations indicated by this table are possible. Please contact a representative or visit worldwideelectric.net for more information on available models.

CALM Accessories

The following accessories and parts are available for the CALM Series Box Sizes 30-90.



Output Flanges



Output Covers



Drain Plugs



Torque Arms



Single Output Shafts



Double Output Shafts



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, and gear reducers as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.

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