

## **Worm Gear Replacement Operates at 90% Efficiency**



The Grove Gear IronMan E Series gear reducer operates at 90% efficiency to maximize system effectiveness. The product has a compact housing design that offers a direct replacement to traditional worm gear reducers. By utilizing helical-bevel gear technology, the E Series has up to 60% more torque than many brands' worm gear designs. Because of its modular versatility, the product fits 90% of the United States worm gear market and allows reduced inventory. With mounting base kits, the E Series can drop-in and replace multiple sizes of worm gear speed reducers. Providing an additional inventory reduction opportunity, shaft kits ranging from 1 to 1-1/2 in. were designed to plug into a standard hollow output shaft.

Four models are currently offered, with double reduction ratios from 7.8:1 to 60:1 and power capability to 8.50 hp. Triple reduction units are available by adding a ratio multiplier. The E Series is packed with premium features, including synthetic lubricant, covers sealed with o-rings, and Viton double-lip seals.

In addition to energy savings, the Grove Gear IronMan E Series presents potential for rapid return on investment through reduced operating cost and motor downsizing.

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