



## 278 Transaxle traction drive

### Medium duty, self-contained drive axle, including motor, gearbox and differential

For the past 50 years, Euclid Universal has worked to establish its position as a global leader in the power transmission field. Working with diverse Original Equipment Manufacturers, Euclid designs and builds gear drive systems for special applications where off-the-shelf items will not fit or meet exacting rugged duty performance requirements. While the competition adapts drives originally designed for completely different purposes such as automotive windshield wipers and industrial conveyors, Euclid Universal produces gearmotors, gearheads, speed reducers and transaxles custom-made to meet the unique needs of each customer.

Our flexibility in engineering and production affords rapid response in design, prototype and production. Requirements for either low- or high-volume orders can be handled within our facility at competitive costs. We test for sound and vibration issues to assure pre-established requirements are met on each shipment.



### Features

- Cut steel helical gearing for smooth, efficient operation
- Field replaceable motor
- Permanent magnet motor
- Oil seals on axle shafts protects against intrusion
- Ball bearing construction
- Corrosion resistant, all aluminum housing
- Neoprene mounting sleeves
- Multiple gear ratio choices
- Heavy duty version available for added loading

### Specifications

- Operation: Bi-directional
- Power: 1/2 hp
- Voltage: 24V, 36V DC
- Motor: Permanent magnet
- Load capacity: Up to 1200 lbs
- Insulation class: B
- Ratio: 16.75:1, 18:1, 20:1
- Output speed: 89, 96, 214, 237, 255 rpm
- Weight: 26 lbs

### Options

- Wheel flanges
- Plating available for added corrosion resistance
- Parking brake

### Applications

- Floor care equipment
- Material handling
- Tugs
- Personnel vehicles
- Load movers



**Euclid Universal®**

A Kinetek Company®

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Dimensions

