



Euclid Universal®

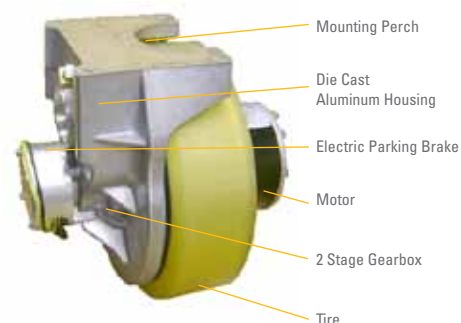
A Kinetek Company®

CHASSISDRIVE 250_m wheel motor

Compact, durable traction drives for electric powered equipment

Applications

- Floor care equipment
- Material handling
- Aerial work platforms
- Automated guided vehicles
- Load movers



Features

- Field replaceable brake, wheel and motor
- High quality "EP" grease for maintenance-free operation
- Designed with quality seals and bearings
- Non-ventilated permanent magnet motor
- Main housing cast in corrosion resistant aluminum
- Solid (I - groove) 250 mm diameter rubber or polyurethane tire
- Tire options: I-grooved wet traction 'HyTraq' solid rubber or 90 durometer polyurethane
- Identification tagged with serial number for easy tracking
- 35:1 double reduction gear ratio
- Electric parking brake direct to input pinion, motor or gearbox mounting option

Specifications

Swing radius:	140 mm +/- options
Weight:	42lbs. 19kg +/- options
Housing:	Die cast aluminum
Lubrication:	Extreme pressure grease
Tire:	250 mm H x 76 mm W
Tire options:	I-grooved wet traction 'HyTraq' solid rubber or 90 durometer polyurethane
Motor:	Non-ventilated permanent magnet, 0.5 to 1 hp at 24V or 36VDC TENV
Speed:	up to 3.8 mph (1.7 m/s)
Wheel load:	800 lbs. (363 kg) Rubber/ 1000 lbs. (450 kg) Polyurethane
Gearbox:	35:1 total ratio, double reduction, steel heat-treated pinion gears, helical primary
Brake:	Electric parking E-mag (60 or 42 lb-in), 24V or 36V

MADE TO ORDER, BUILT TO LAST

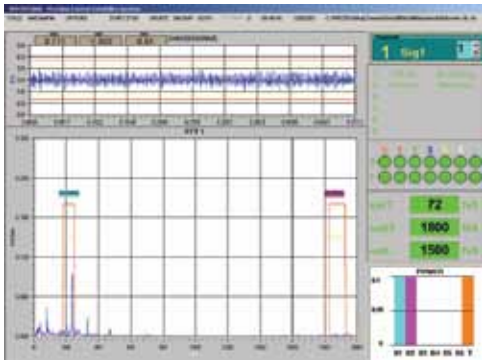
For the past 50 years, Euclid Universal has worked to establish its position as the global leader in the power transmission field. Working with diverse Original Equipment Manufacturers, Euclid designs and builds gear drive systems for special applications where off-the-shelf items will not fit or meet 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.

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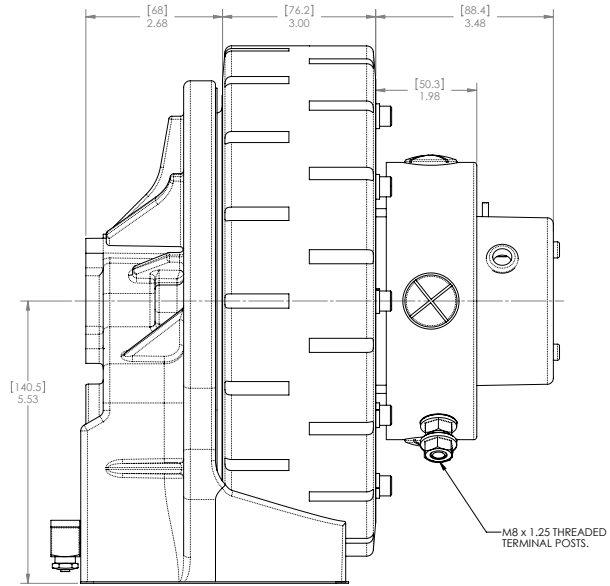


Load tester at assembly bench

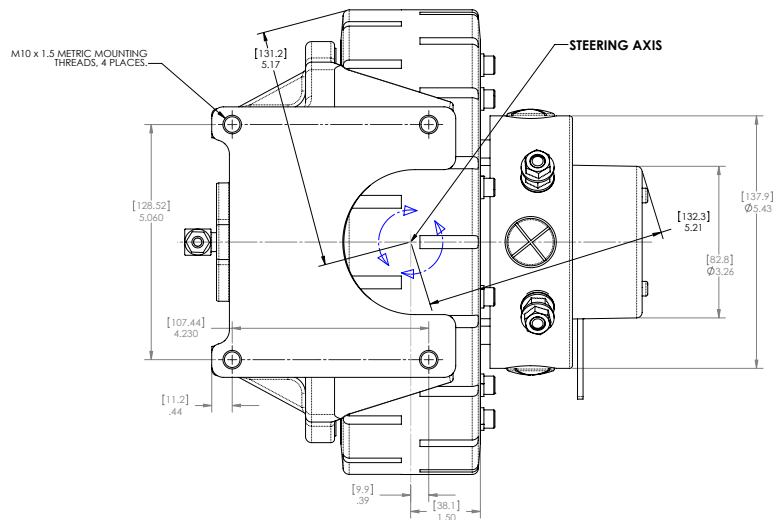


Computer-based vibration testing during assembly

Side View



Top View



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