

MARK 400

Industry-defining fully enclosed transaxle

MARKETS

- Floor Care
- Medical Mobility – Scooter
- Material Handling



FEATURES

Single-piece casting: improved gear alignment; quiet operation

Reduction ratios: from 12:1 to 21:1

Fully enclosed axle: mounting width flexibility

Components: motor, electromagnetic brake, differential, wiring and connector

Widths: 9.37 in (238 mm) to 19.32 in (491 mm): custom widths available

Motors: permanent magnet DC 2-pole, 3.28 in (83.2 mm) diameter or 4-pole, 3.98 in (101 mm) diameter

Voltage: 12V to 90V DC

Axle configurations: custom

PERFORMANCE EXAMPLES

Floor Care - Hi Torque (4 inch – 21:1)			
	No Load	Typical	Stall
Torque, Lb-in/Nm	0/0	614/69	1315/149
RPM	107	57	0
Current	2.0	35.0	72.6
Power Out, Watts	0	413	2
Power In, Watts	48	839	1743
Efficiency	0%	49%	0%

Scooter - Hi Speed (3 inch – 18:1)			
	No Load	Typical	Heavy
Torque/Nm, Lb-In	0/0	328/37	700/79
RPM	189	154	114
Current	1.2	35.0	73.4
Power Out, Watts	0	597	942
Power In, Watts	120	840	1761
Efficiency	0%	71%	54%

