

MARK 600

Heavy Duty Fully Enclosed Transaxle



Material
Handling



Outdoor Power
Equipment



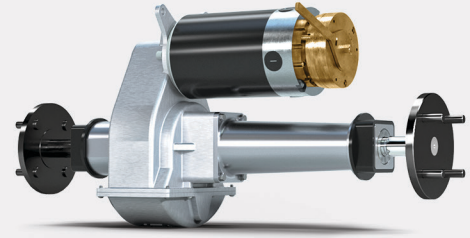
Floor
Care



Mobile
Robots
& AGVs



Medical
Mobility



FEATURES

Single-piece casting: Improved gear alignment; quiet operation

Reduction ratios: From 11.5:1 to 36:1

Fully enclosed axle: Mounting width flexibility

Optional components: Electromagnetic power-off brake, connectors, brake cover, IP67 conformity

Widths: 9.35 in (237 mm) to 23.45 in (596 mm);
custom widths available

Motors: Permanent magnet DC 4-pole, 4.8 in (122 mm) diameter,
brushless DC and AC available up to 6.0 in (152 mm) diameter

Voltage: 24V to 48V DC

Axle configurations: Hubs and custom

PERFORMANCE EXAMPLES

High Torque Transaxle 36V 36:1			
	No Load	Typical	High
Torque, lb-in	0.0	797	2390
Torque, Nm	0.0	90	270
RPM	90	80	60
Current, Amps	4.7	31.9	86.4
Power Out, Watts	0	754	1684
Power In, Watts	169	1148	3110
Efficiency	0.0%	65.7%	54.2%

High Speed Transaxle 24V 11.5:1			
	No Load	Typical	High
Torque, lb-in	0.0	142	1164
Torque, Nm	0.0	16	132
RPM	283	271	155
Current, Amps	5.6	28.5	193.9
Power Out, Watts	0	451	2125
Power In, Watts	134	685	4655
Efficiency	0.0%	65.8%	45.6%

