

LIGHTNING 100

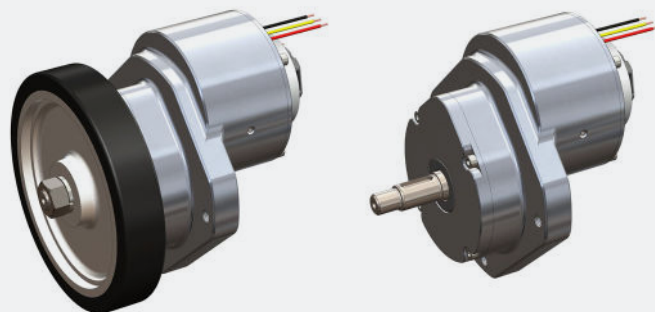
Brushless Wheel Drive



Mobile Robots
& AGVs



Floor
Care



FEATURES

Optional components: Electromagnetic power-off brake,
internal encoder, connectors, wheel

Voltage: 24V DC

Motor: Brushless DC

Sealed drive system

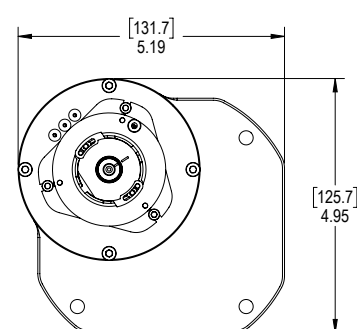
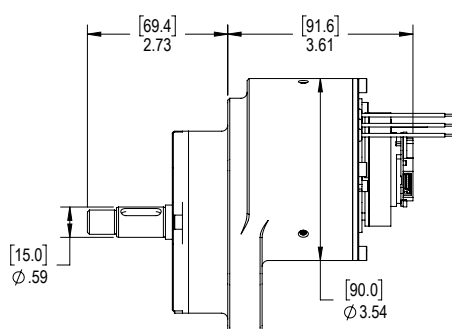
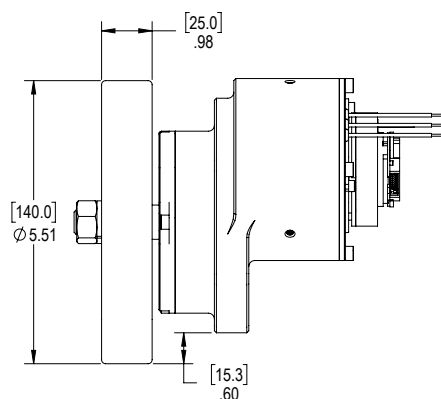
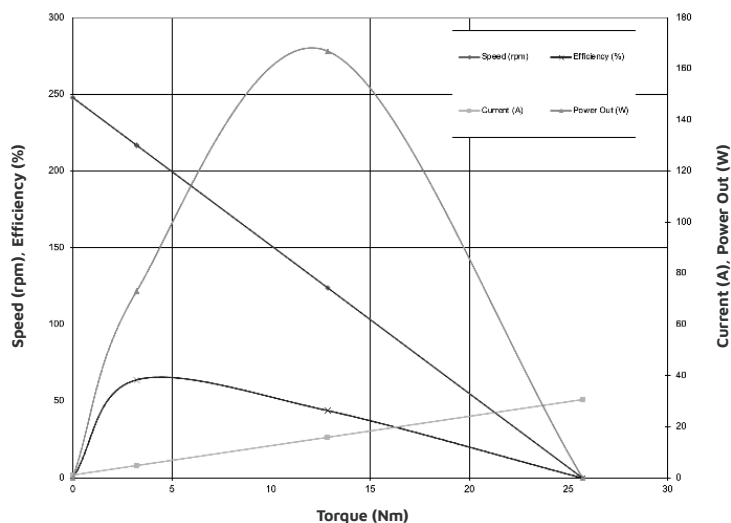
Axle Diameter: Up to 17 mm

Gear: Single stage helical

Reduction ratio: 10:1 or 14:1

PERFORMANCE EXAMPLE

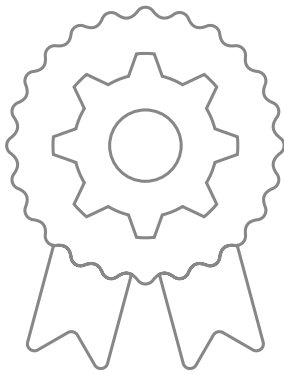
PMDC Motor (10:1 @ 24V)			
	No Load	Peak Efficiency	Peak Power
Torque, Nm	0	3.2	12.9
RPM	248	217	124
Current, Amps	1.1	4.8	15.9
Power Out, Watts	0	73	167
Power In, Watts	26	114	380
Efficiency	0%	64%	44%





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