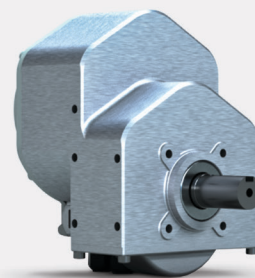


STORM 400

Brushless Wheel Drive



Mobile
Robots
& AGVs



FEATURES

Sealed drive system: Rugged; usable outdoors

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

Encoder options available: Shaft and axle encoders available

Voltage: 24V DC

Motor: Brushless DC

Lead Exit: 3 optional locations and 2 directions available

Axle Material: Stainless steel or hardened carbon steel

Axle Diameter: Up to 20 mm diameter

Gear: Single stage helical

Reduction ratio: 12.2:1 or 25.3:1

Brake options available: 6 Nm, release lever

PERFORMANCE EXAMPLES

Low-Speed 24V Option			
	No Load	Peak Efficiency	Peak Power Out
Torque, Nm	0	24.9	95.3
RPM	270	104	60
Current, Amps	2.4	16.0	54.5
Power Out, Watts	0	270	596
Power In, Watts	58	384	1308
Efficiency	0%	70%	46%

High-Speed 24V Option			
	No Load	Peak Efficiency	Peak Power Out
Torque, Nm	0	12.0	46.0
RPM	248	216	124
Current, Amps	2.4	16.0	54.5
Power Out, Watts	0	271	599
Power In, Watts	58	384	1308
Efficiency	0%	71%	46%

