

iWMC Integrated Servo Wheel

ATOMBOTIX



Maintenance Friendly



Integrated system reduces supply chain complexity and lowers service costs

Precision Mounting



Rack-mounted design enables simple, accurate installation and high control precision

Compact Integration



All-in-one design with stator, encoder, shaft, and tire for space-saving installations

Efficient Power Control



Supports fast start/stop with external braking resistor and built-in brake circuit

Robust & Reliable

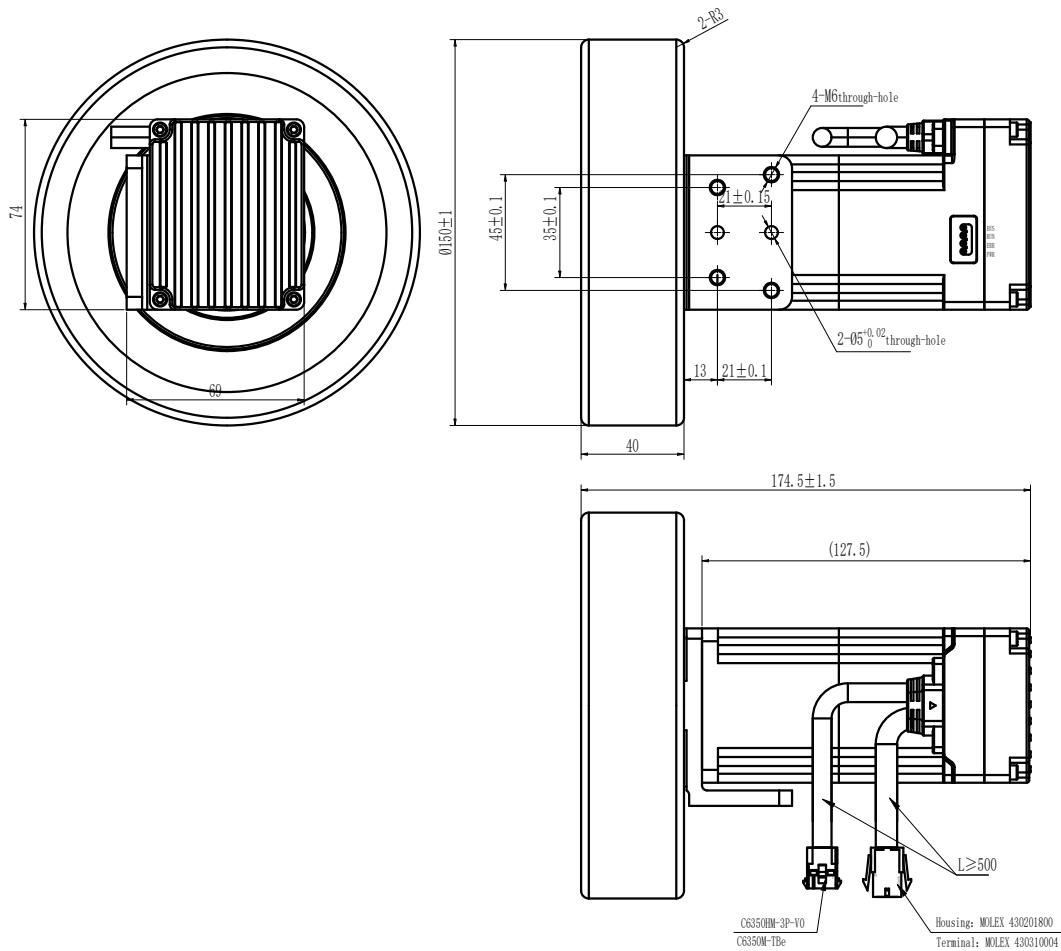


Only power and communication cables externally connected

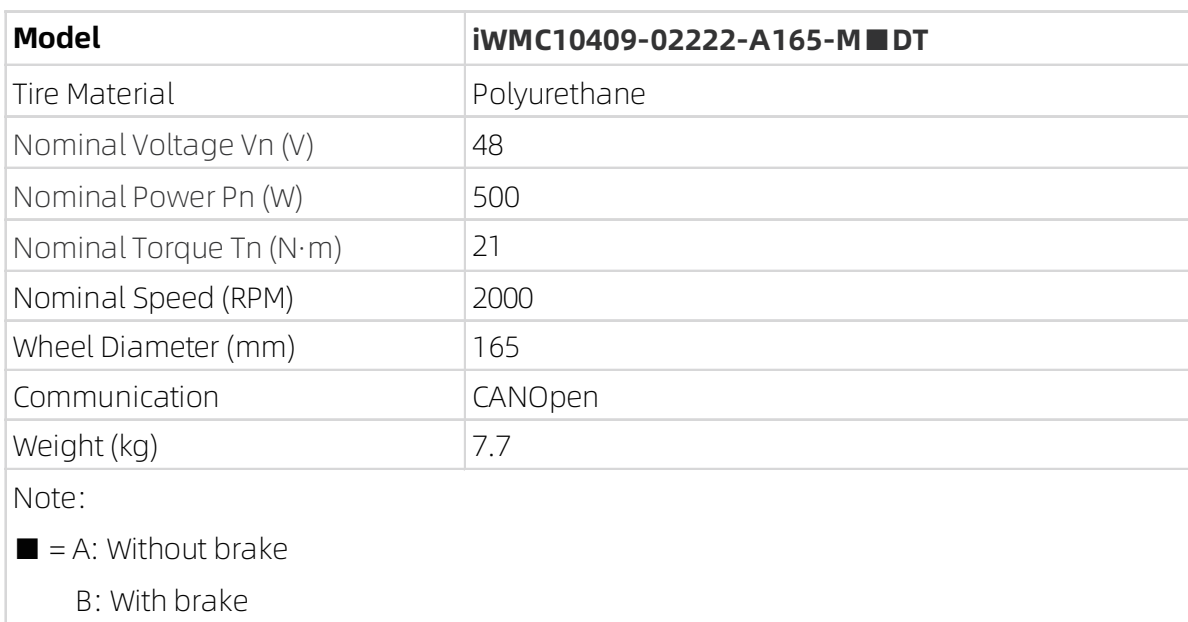
Tailored for Mobile Robots



Specifically designed for AGVs and AMRs under 1000kg—high performance, easy to maintain



Model	iWMC05606-00450-A150-M ■ DT-L iWMC05606-00450-A150-M ■ DT-R
Tire Material	Polyurethane
Nominal Voltage Vn (V)	48
Nominal Power Pn (W)	200
Nominal Torque Tn (N·m)	3.6
Nominal Speed (RPM)	3000
Wheel Diameter (mm)	150
Communication	CANOpen
Weight (kg)	2.5
Note: ■ = A: Without brake B: With brake	





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