

ZONL ZLCS-160-4008-52.3 Differential Drive Assembly

48 VDC, 400 W drive motor, 1101 kg theoretical reference load

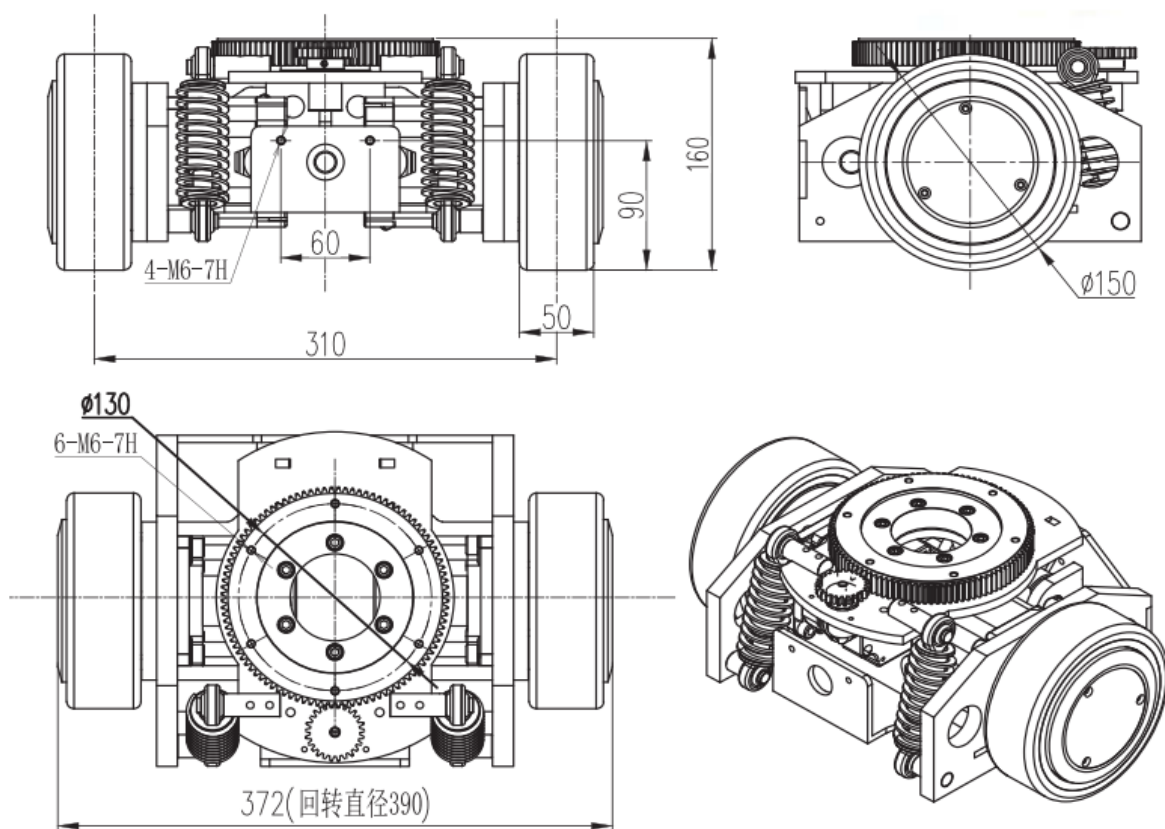


Model	ZLCS-160-4008-52.3
Product type	Differential drive assembly
Voltage	48 VDC
Drive motor	400 W
Motor speed	3000 r/min
Rated torque	1.27 N.m
Motor brand / package	Kinco, optional servo motor
Angle sensor	22HPM-5 potentiometer / encoder, SAKAE, optional
Walking speed	52.3 m/min
Speed ratio	27
Tractive force	734.1 N, theoretical reference value
Maximum / reference load	1101 kg, theoretical reference value
Product drawing dimensions	372 x 390 x 160 mm
Estimated package dimensions	47.2 x 49.0 x 26.0 cm
Estimated package weight	55 kg
Country of origin	China

Applications

Designed for AGV, AMR, warehouse logistics and industrial mobile robot chassis platforms using differential wheel-speed propulsion and steering.

Dimensional Drawing



Note: load, tractive force and related drive values are manufacturer theoretical reference values. Confirm final selection against chassis design, load distribution, floor condition, duty cycle, controller compatibility and operating environment.