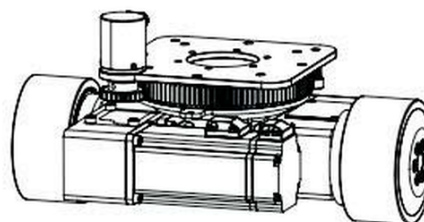
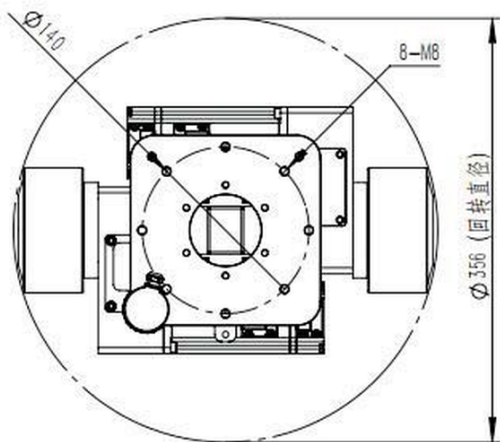
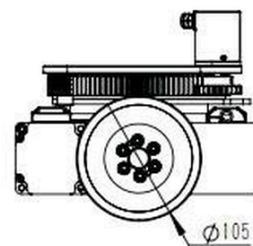
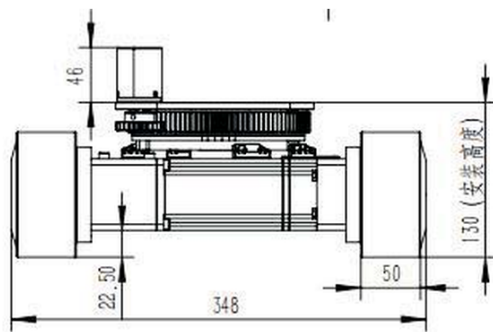


ZONL ZLCS-130-4008B-89.91 Differential Drive Assembly

Product datasheet summary for AGV / AMR chassis integration review.

The ZLCS-130-4008B-89.91 is a compact differential drive assembly for AGV, AMR, warehouse logistics and industrial mobile robot chassis applications. It combines a 48 VDC drive motor package with an integrated differential drive layout for mobile platforms requiring compact propulsion and steering by differential wheel speed.

Parameter	Value
Model	ZLCS-130-4008B-89.91
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 / model	Kinco SMC60S-0040-30MBK-5DSH
Angle sensor	22HPM-5 potentiometer / encoder, SAKAE, optional
Walking speed	89.91 m/min
Speed ratio	11
Tractive force	260 N x 2, theoretical reference value
Maximum/reference load	800 kg, theoretical reference value
Product drawing dimensions	348 x 356 x 176 mm
Estimated package dimensions	44.8 x 45.6 x 27.6 cm
Estimated package weight	55 kg
Country of origin	China



Application note: confirm mounting dimensions, controller compatibility, wiring, load case, duty cycle, operating environment and lead time before order confirmation. Load and tractive force values are theoretical reference values from manufacturer documentation.