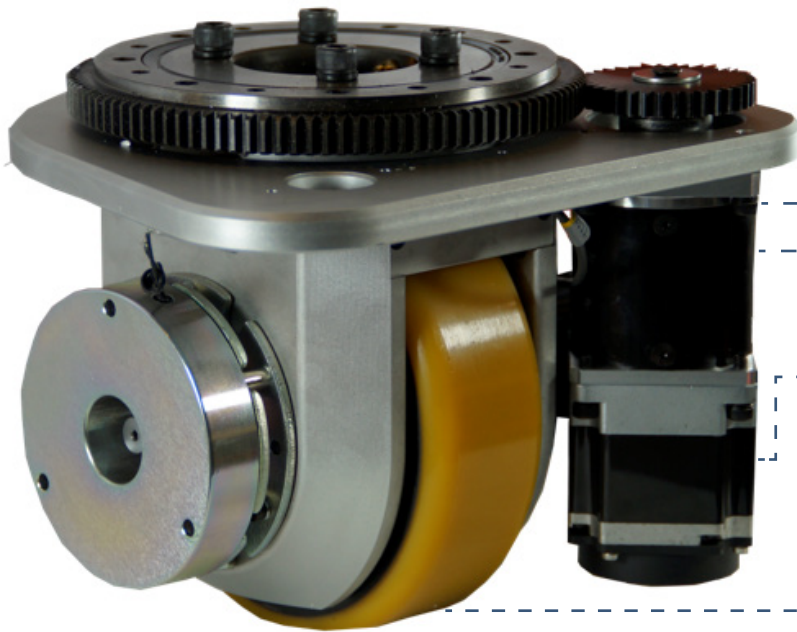


Steering Wheel Module

AB-SW-Customized Model

ATOMBOTIX



• **Rated Voltage:** 24/48V

• **Encoder:**

Incremental Encoder(2500 lines) /
Absolute Encoder(NRZ Mode)/Posital
Absolute Encoder(BissC Mode)

• **Communication Method:**

CAN/EtherCAT/RS485 Optional

• **Applicable Scenarios:**

Forklift Stacker, Pallet Truck,
Lifting AMR/AGV,
Platform AMR/AGV, Heavy Duty
AGV, Elevated Work Platform, etc.



Integrated driving, Steering, Braking & Encoder assembly, built for robots.



Flexible Kinematic Design, Supports multiple kinematic mode.



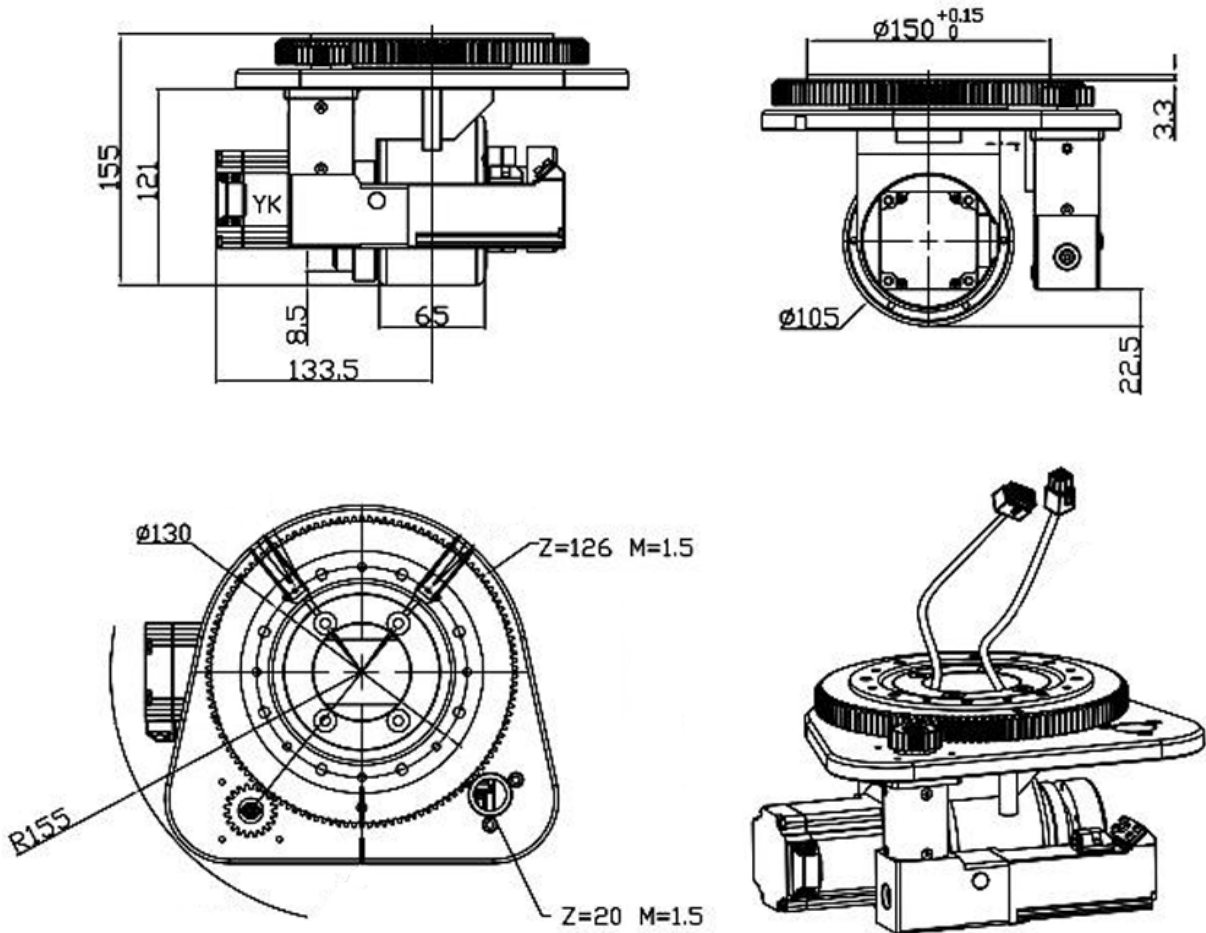
Servo System, Closed loop control with mm level accuracy.



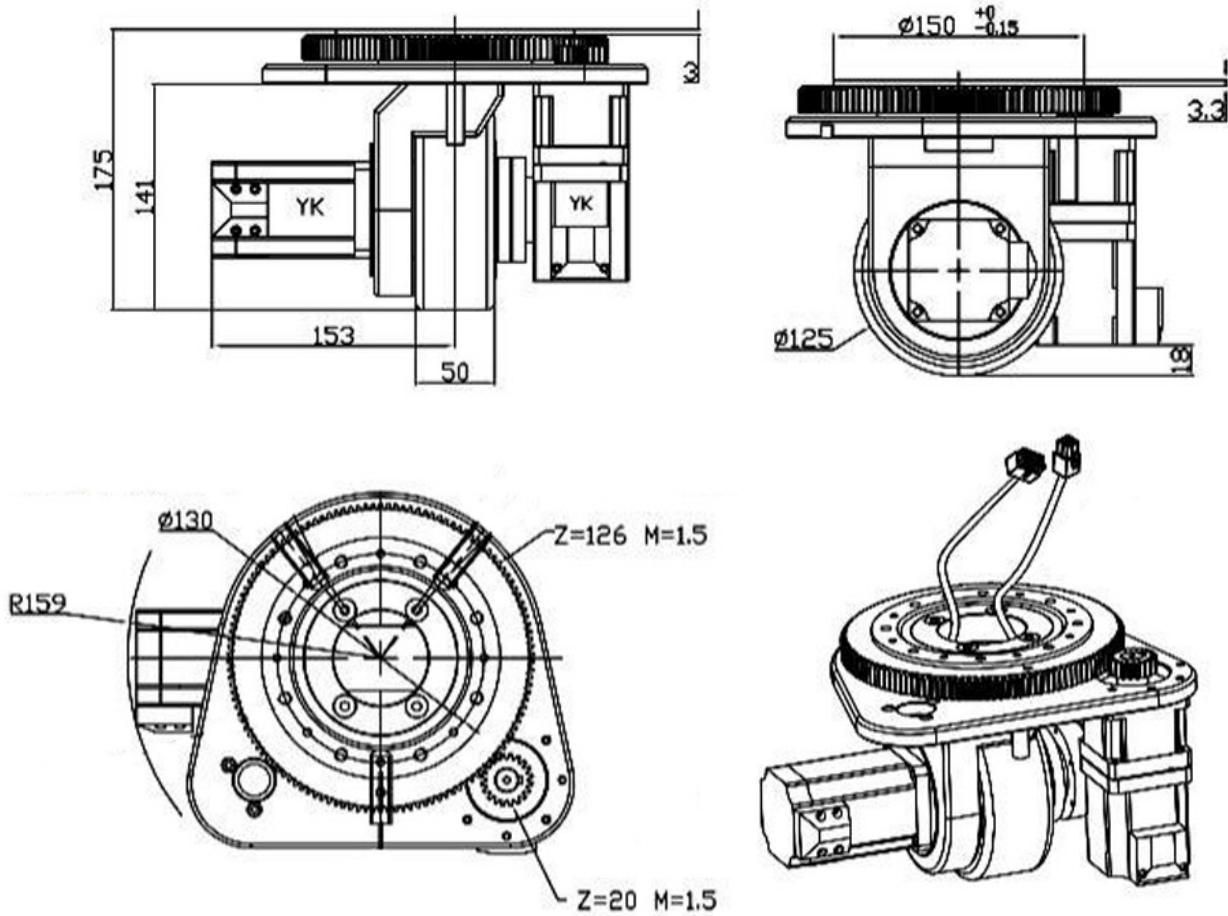
Modular Design, Easy maintenance & debugging.



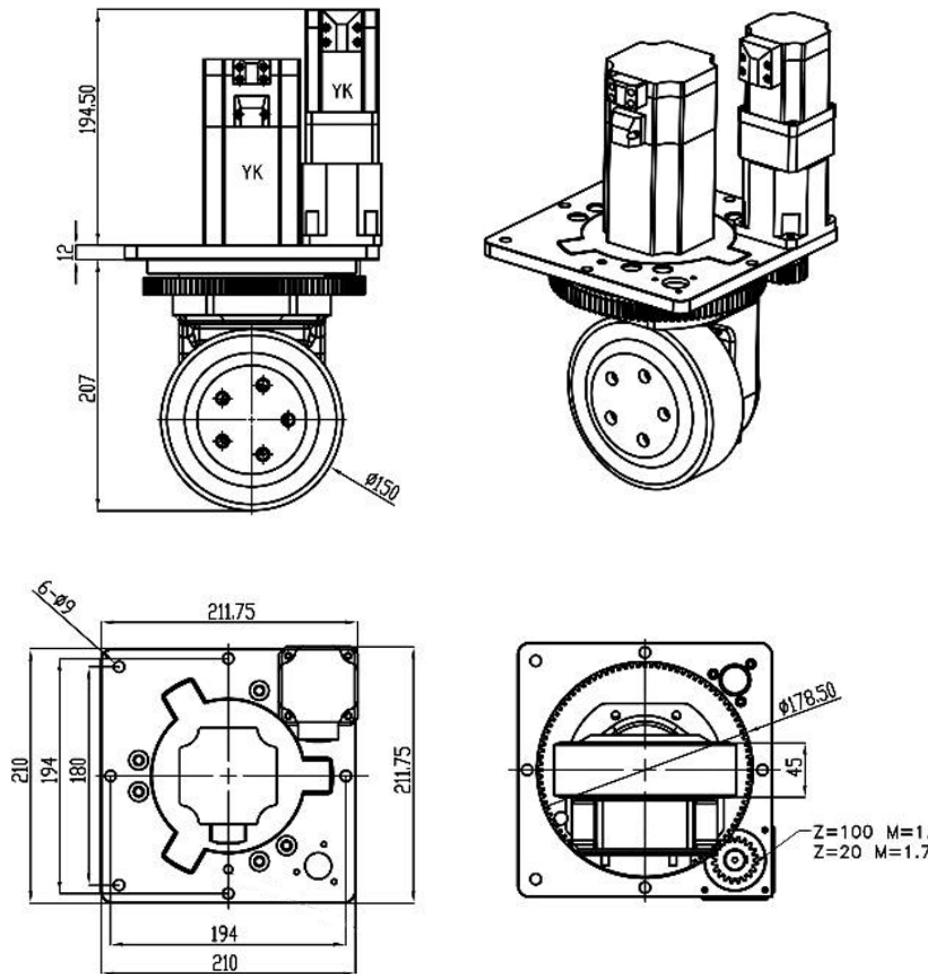
Flexible Customization, Application specific optmization.



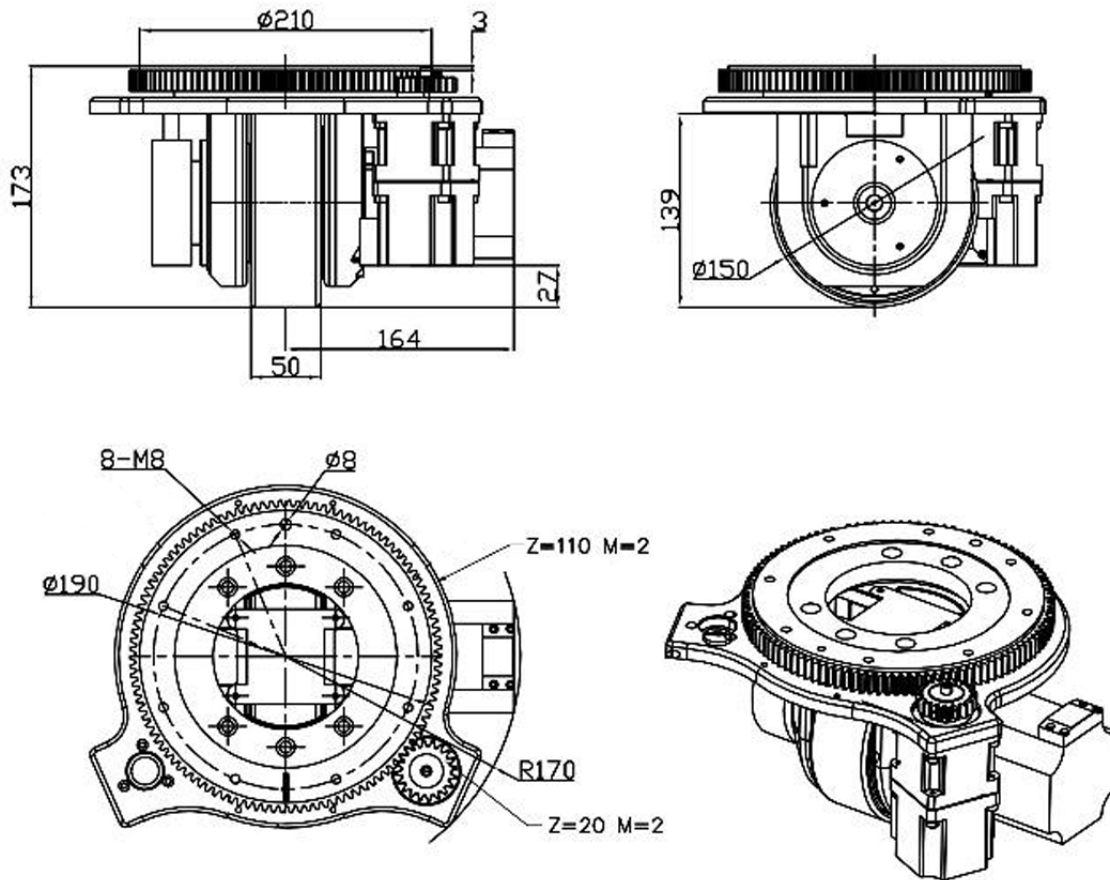
Model	AB-SW-D105-P0.4-C300
Drive Motor	
Wheel Diameter	105 mm
Height	155 mm
Working Voltage	48 V
Rated Power	0.4 kW
Nominal Torque(Traction Motor)	1.28 N·m
Gear Ratio	32
Nominal Torque(Drive Motor)	34.80 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.1 kW
Bearing & Gear Ratio	283.5
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	300 kg
Net Weight	17.5 kg



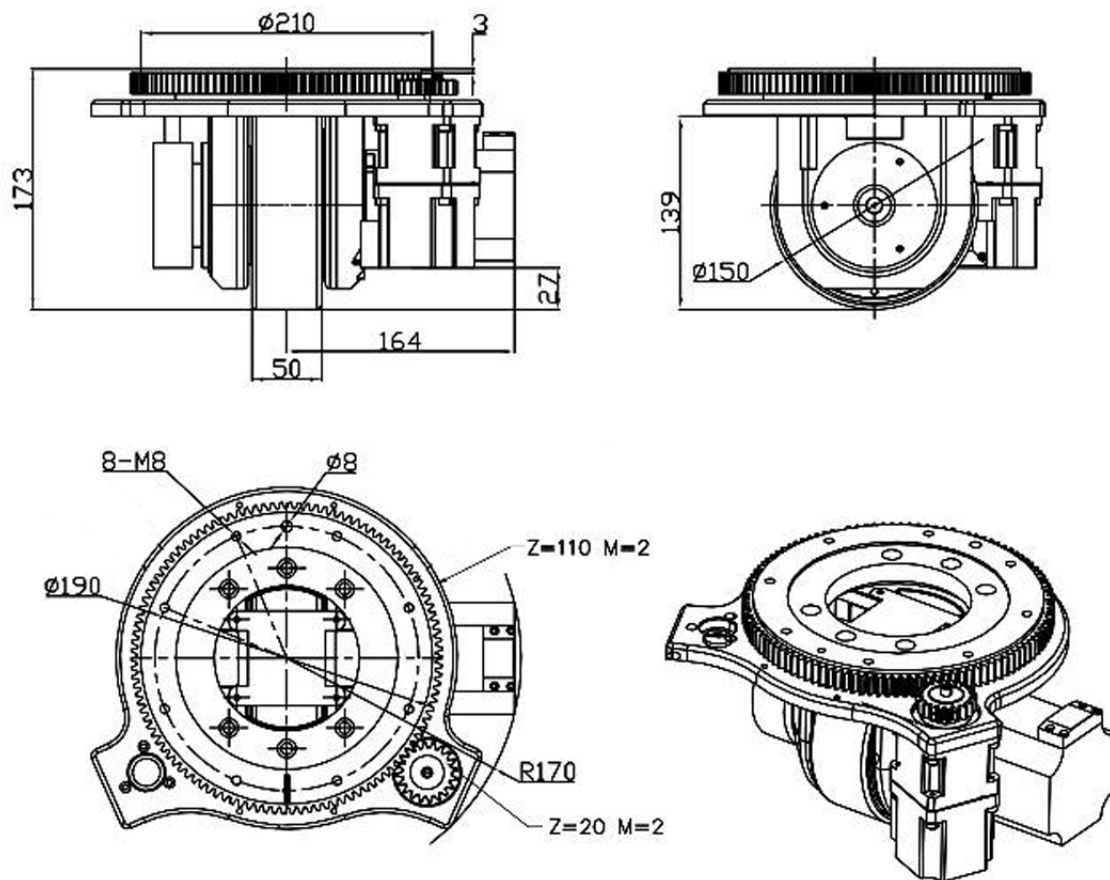
Model	AB-SW-D125-P0.4-C350
Drive Motor	
Wheel Diameter	125 mm
Height	175 mm
Working Voltage	48 V
Rated Power	0.4 kW
Nominal Torque(Traction Motor)	1.28 N·m
Gear Ratio	24/32
Nominal Torque(Drive Motor)	26.11 N·m / 34.82 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.1 kW
Bearing & Gear Ratio	283.5
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	350 kg
Net Weight	17.5 kg



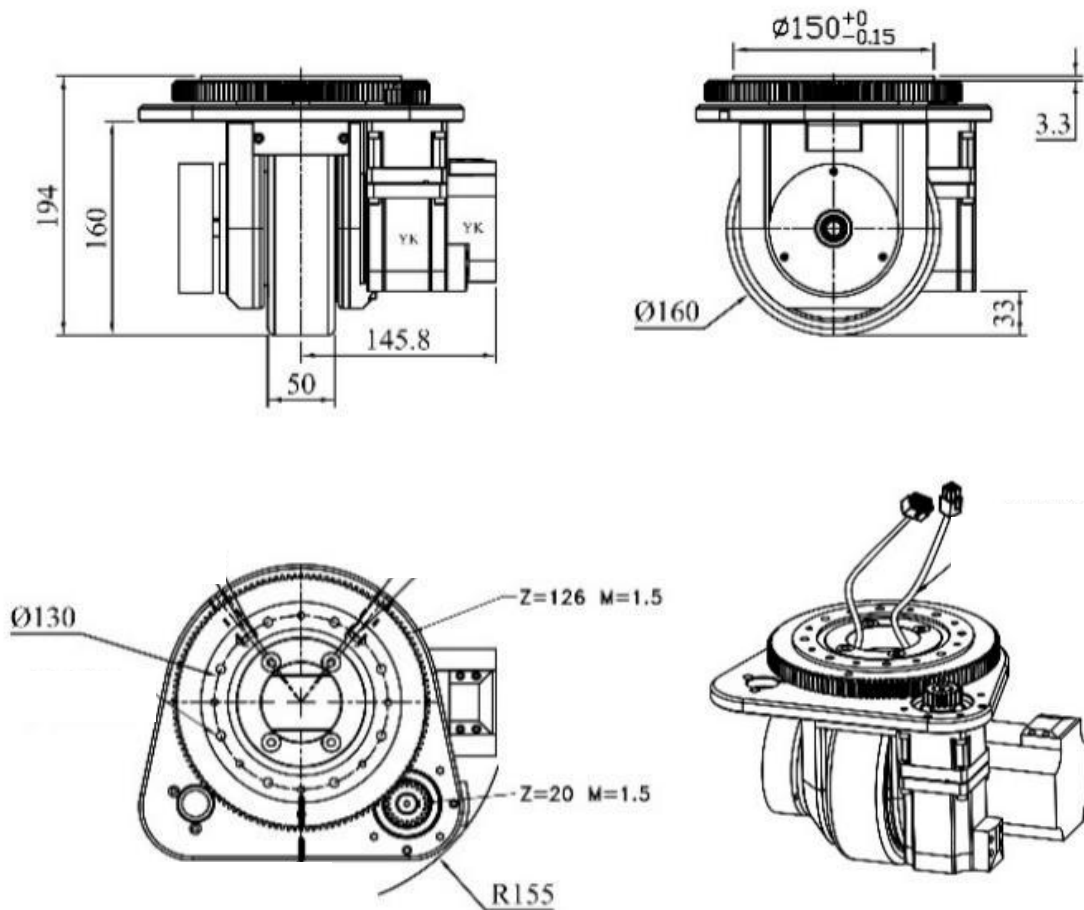
Model	AB-SW-D150-P0.75-C500-V
Drive Motor	
Wheel Diameter	150 mm
Height	413.5 mm
Working Voltage	24/48 V
Rated Power	0.75 kW
Nominal Torque(Traction Motor)	2.39 N·m
Gear Ratio	18.9
Nominal Torque(Drive Motor)	38.00 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.2 kW
Bearing & Gear Ratio	250
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±180°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	500 kg
Net Weight	25 kg



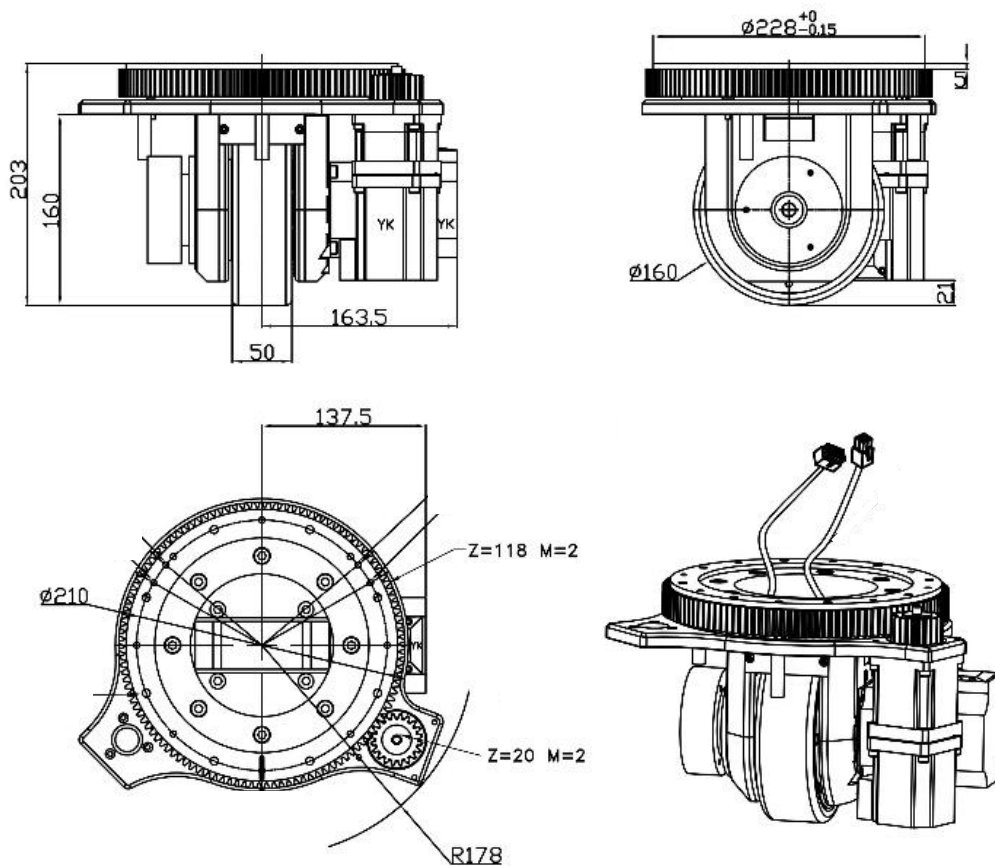
Model	AB-SW-D150-P0.75-C600
Drive Motor	
Wheel Diameter	150 mm
Height	173 mm
Working Voltage	48 V
Rated Power	0.75 kW
Nominal Torque(Traction Motor)	2.39 N·m
Gear Ratio	20/32
Nominal Torque(Drive Motor)	40.63/60.01 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.1 kW
Bearing & Gear Ratio	247.5
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	600 kg
Net Weight	21 kg



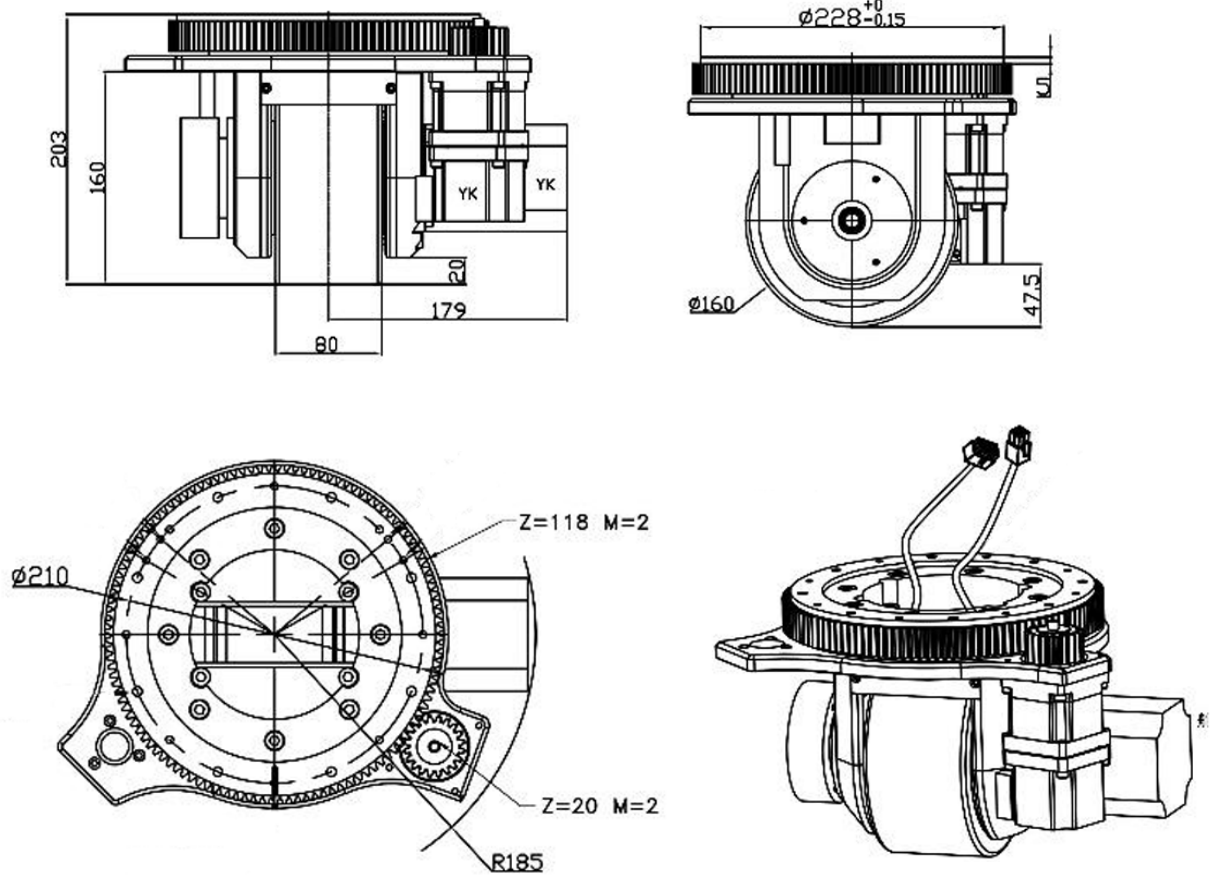
Model	AB-SW-D150-P1.0-C600
Drive Motor	
Wheel Diameter	150 mm
Height	173 mm
Working Voltage	48 V
Rated Power	1.0 kW
Nominal Torque(Traction Motor)	3.20 N·m
Gear Ratio	20/32
Nominal Torque(Drive Motor)	54.40/87.04 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.1 kW
Bearing & Gear Ratio	247.5
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EherCat/CanOpen/Modbus
Max. Payload	600 kg
Net Weight	21 kg



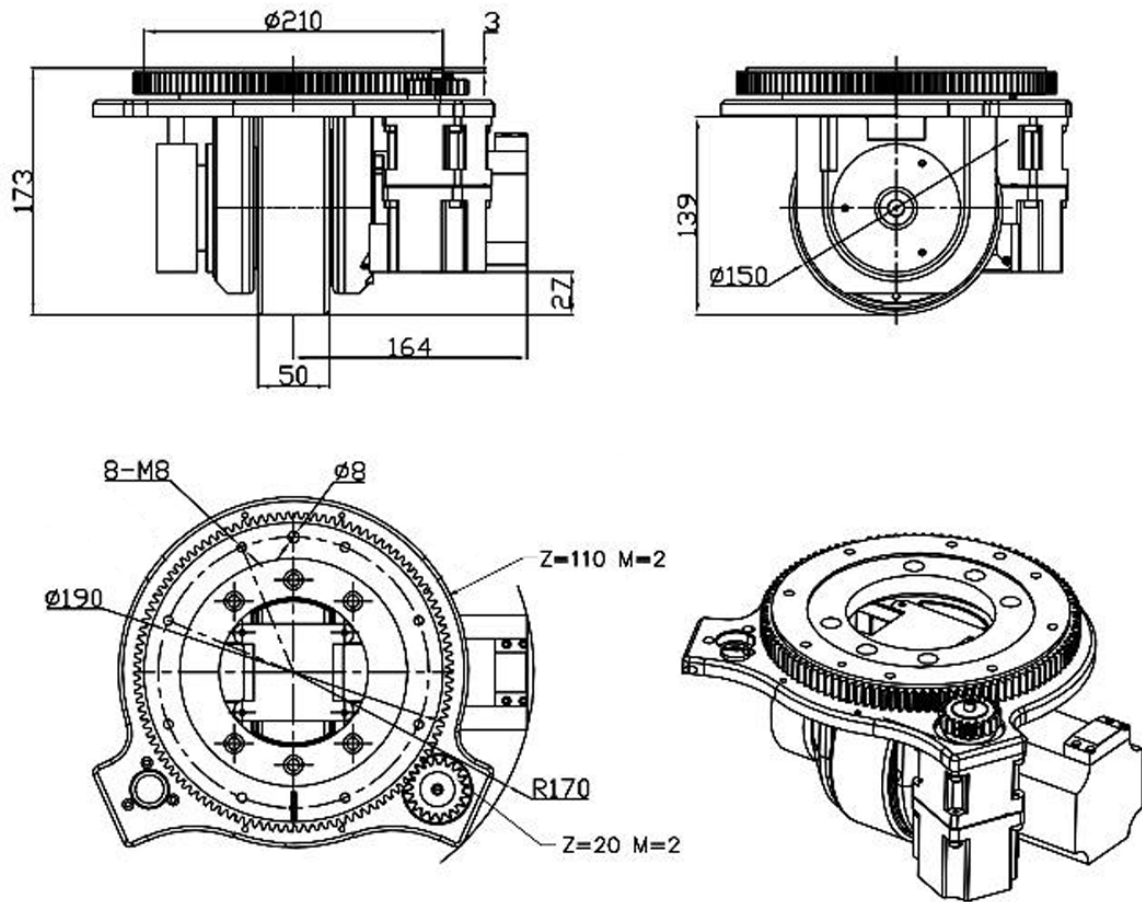
Model	AB-SW-D160-P0.4-C350
Drive Motor	
Wheel Diameter	160 mm
Height	194 mm
Working Voltage	24/48 V
Rated Power	0.4 kW
Nominal Torque(Traction Motor)	1.27 N·m
Gear Ratio	20/32
Nominal Torque(Drive Motor)	21.59/34.54 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.2 kW
Bearing & Gear Ratio	63
Nominal Torque	0.64 N·m
RPM	3000
Max. Angle Limit	±141°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	350 kg
Net Weight	21 kg



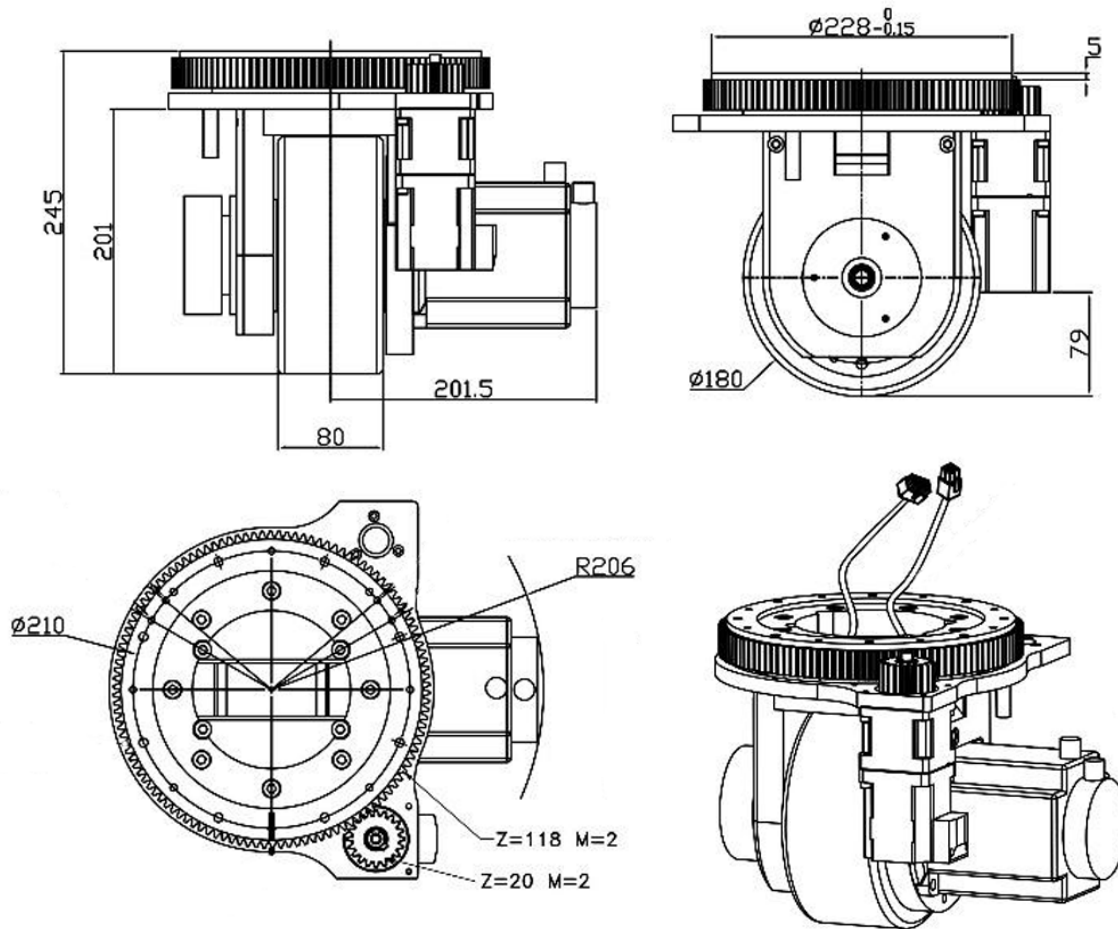
Model	AB-SW-D160-P0.75-C800
Drive Motor	
Wheel Diameter	160 mm
Height	203 mm
Working Voltage	24/48 V
Rated Power	0.75 kW
Nominal Torque(Traction Motor)	2.39 N·m
Gear Ratio	32
Nominal Torque(Drive Motor)	65.01 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.1 kW
Bearing & Gear Ratio	265.5
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EherCat/CanOpen/Modbus
Max. Payload	800 kg
Net Weight	21 kg



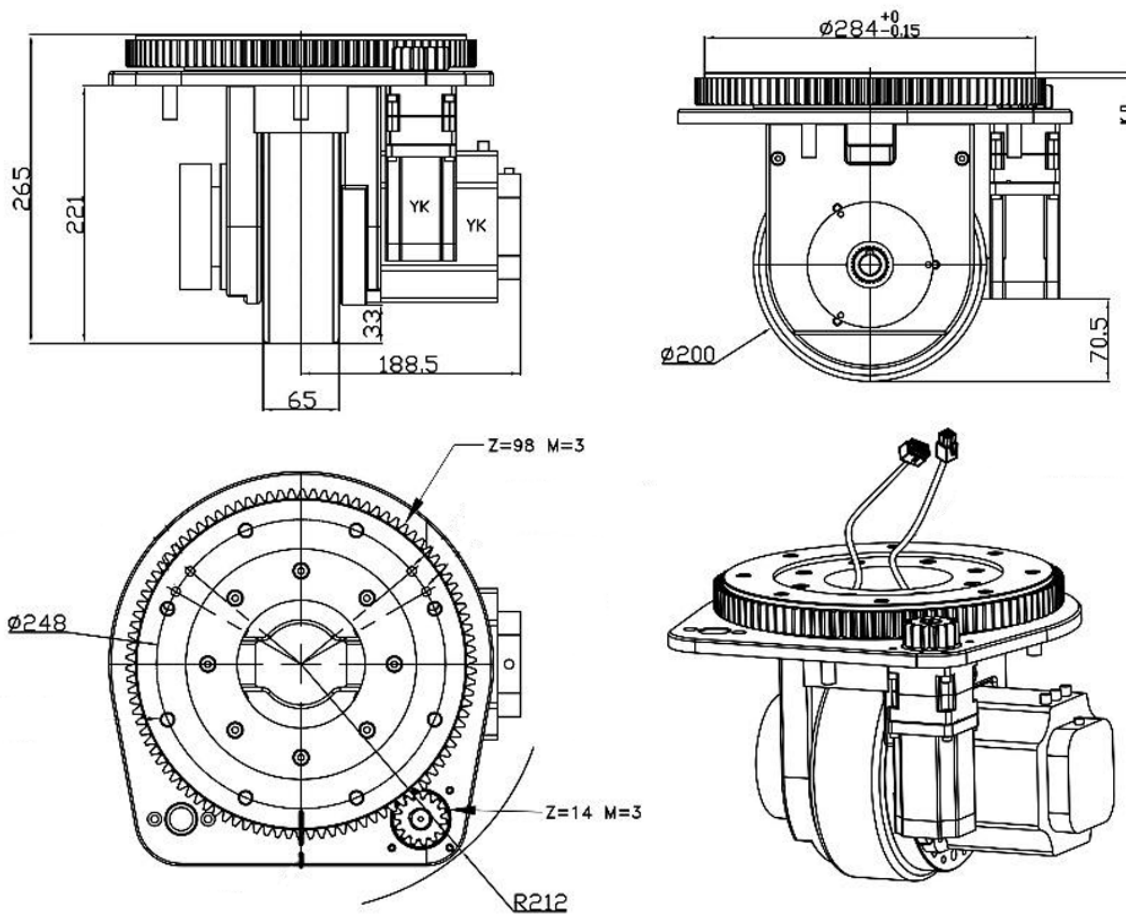
Model	AB-SW-D160-P1.0-C1000
Drive Motor	
Wheel Diameter	160 mm
Height	203 mm
Working Voltage	48 V
Rated Power	1.0 kW
Nominal Torque(Traction Motor)	3.20 N·m
Gear Ratio	20/32
Nominal Torque(Drive Motor)	54.40/87.04 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.1 kW
Bearing & Gear Ratio	265.5
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1000 kg
Net Weight	21 kg



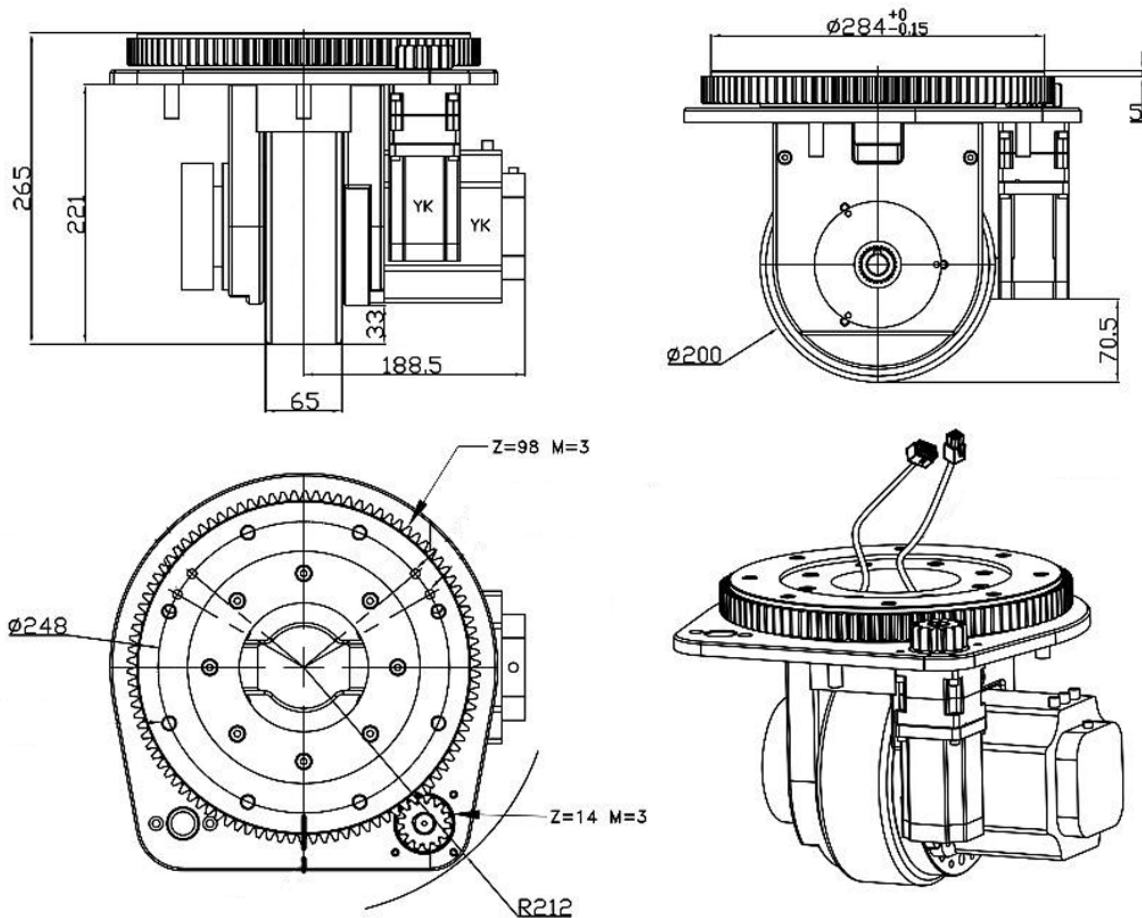
Model	AB-SW-D150-P0.4-C600
Drive Motor	
Wheel Diameter	150 mm
Height	173 mm
Working Voltage	48 V
Rated Power	0.4 kW
Nominal Torque(Traction Motor)	1.27 N·m
Gear Ratio	20/32
Nominal Torque(Drive Motor)	21.59/34.54 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.1 kW
Bearing & Gear Ratio	55
Nominal Torque	0.64 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines) / Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	600 kg
Net Weight	21 kg



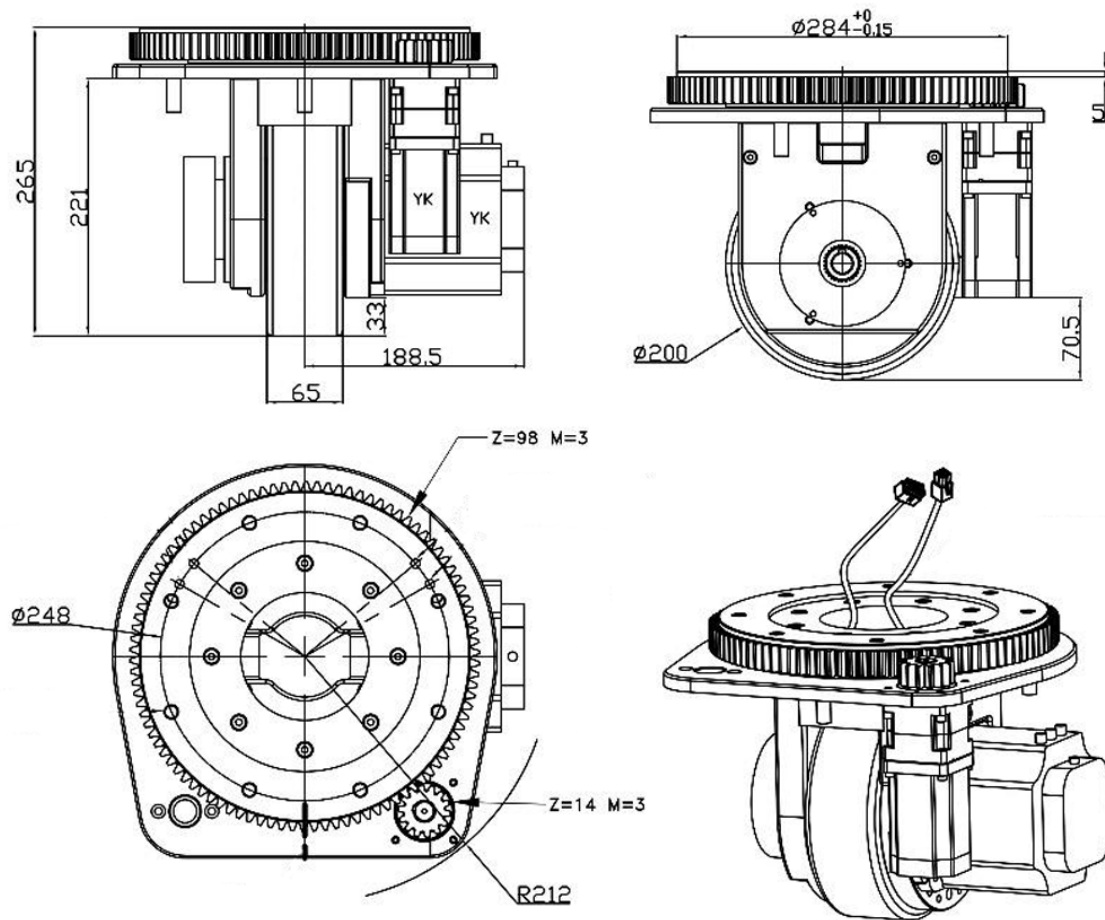
Model	AB-SW-D180-P1.5-C1000
Drive Motor	
Wheel Diameter	180 mm
Height	245 mm
Working Voltage	48 V
Rated Power	1.5 kW
Nominal Torque(Traction Motor)	4.77 N·m
Gear Ratio	24
Nominal Torque(Drive Motor)	97.38 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.2 kW
Bearing & Gear Ratio	265.5
Nominal Torque	0.32 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1000 kg
Net Weight	25 kg



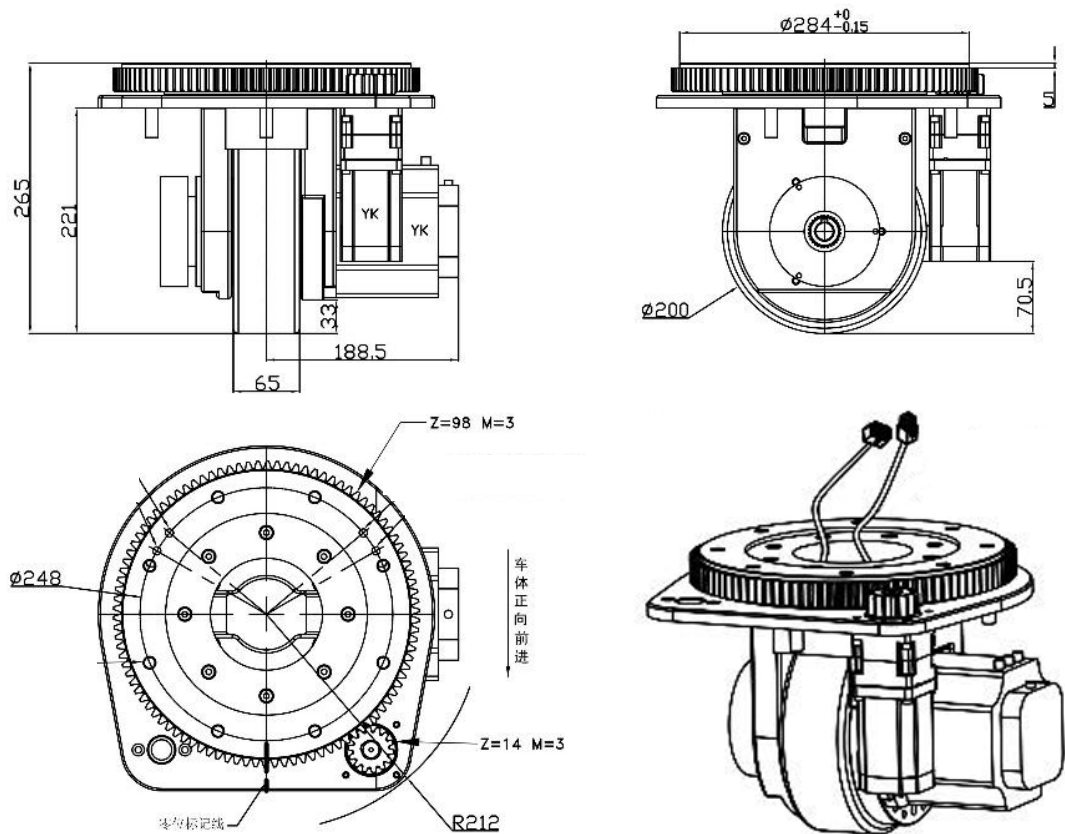
Model	AB-SW-D200-P0.75-C1000
Drive Motor	
Wheel Diameter	200 mm
Height	265 mm
Working Voltage	48 V
Rated Power	0.75 kW
Nominal Torque(Traction Motor)	2.40 N·m
Gear Ratio	50
Nominal Torque(Drive Motor)	102.00 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.2 kW
Bearing & Gear Ratio	265.5
Nominal Torque	0.64 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1000 kg
Net Weight	43 kg



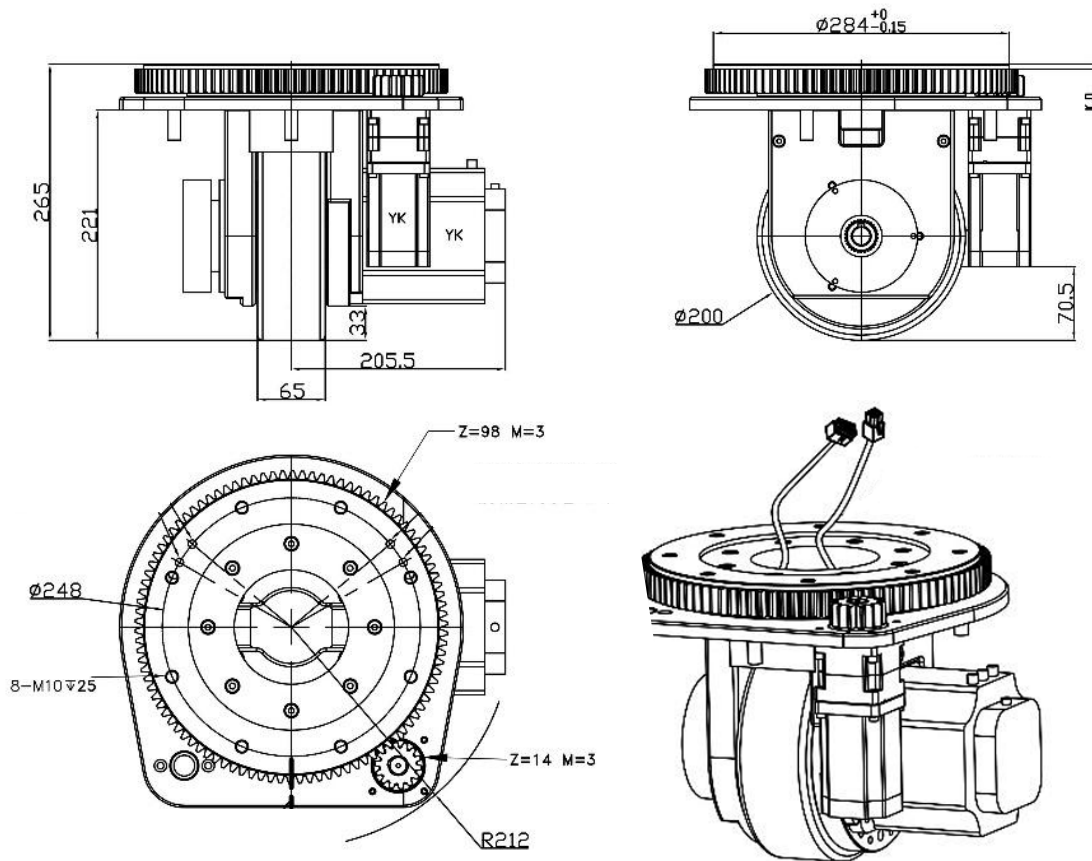
Model	AB-SW-D200-P0.75-C1000
Drive Motor	
Wheel Diameter	200 mm
Height	265 mm
Working Voltage	48 V
Rated Power	0.75 kW
Nominal Torque(Traction Motor)	2.40 N·m
Gear Ratio	50
Nominal Torque(Drive Motor)	102.00 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.2 kW
Bearing & Gear Ratio	265.5
Nominal Torque	0.64 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1000 kg
Net Weight	43 kg



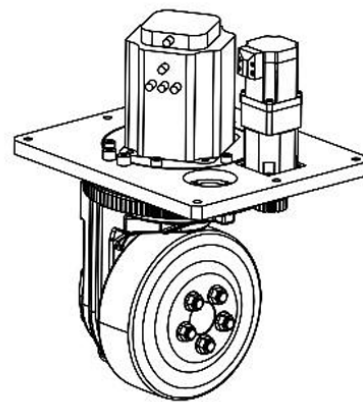
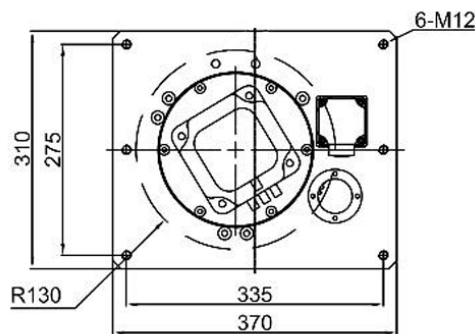
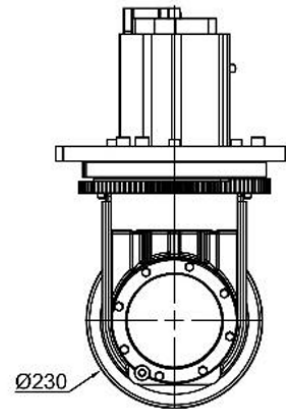
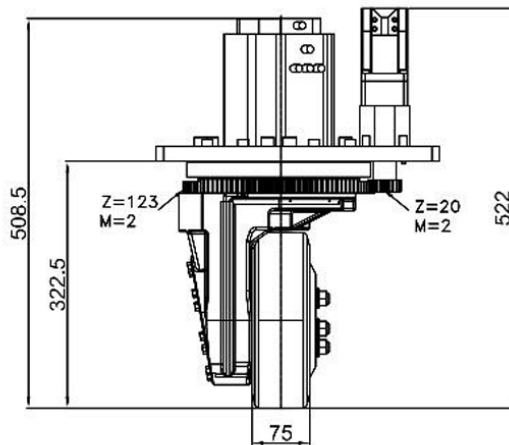
Model	AB-SW-D200-P1.0-C1000
Drive Motor	
Wheel Diameter	200 mm
Height	265 mm
Working Voltage	48 V
Rated Power	1.0 kW
Nominal Torque(Traction Motor)	3.20 N·m
Gear Ratio	24
Nominal Torque(Drive Motor)	65.28 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.2 kW
Bearing & Gear Ratio	265.5
Nominal Torque	1.28 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EherCat/CanOpen/Modbus
Max. Payload	1000 kg
Net Weight	43 kg



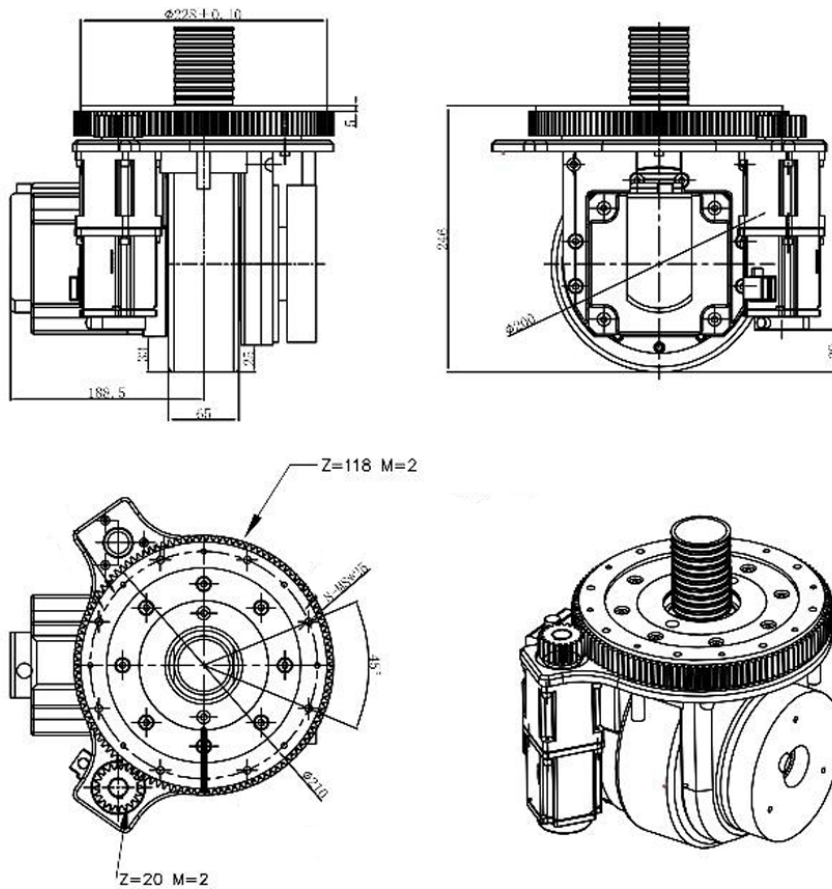
Model	AB-SW-D200-P1.5-C1500
Drive Motor	
Wheel Diameter	200 mm
Height	265 mm
Working Voltage	48 V
Rated Power	1.5 kW
Nominal Torque(Traction Motor)	4.77 N·m
Gear Ratio	32
Nominal Torque(Drive Motor)	129.74 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.4 kW
Bearing & Gear Ratio	220.5
Nominal Torque	1.28 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1500 kg
Net Weight	43 kg



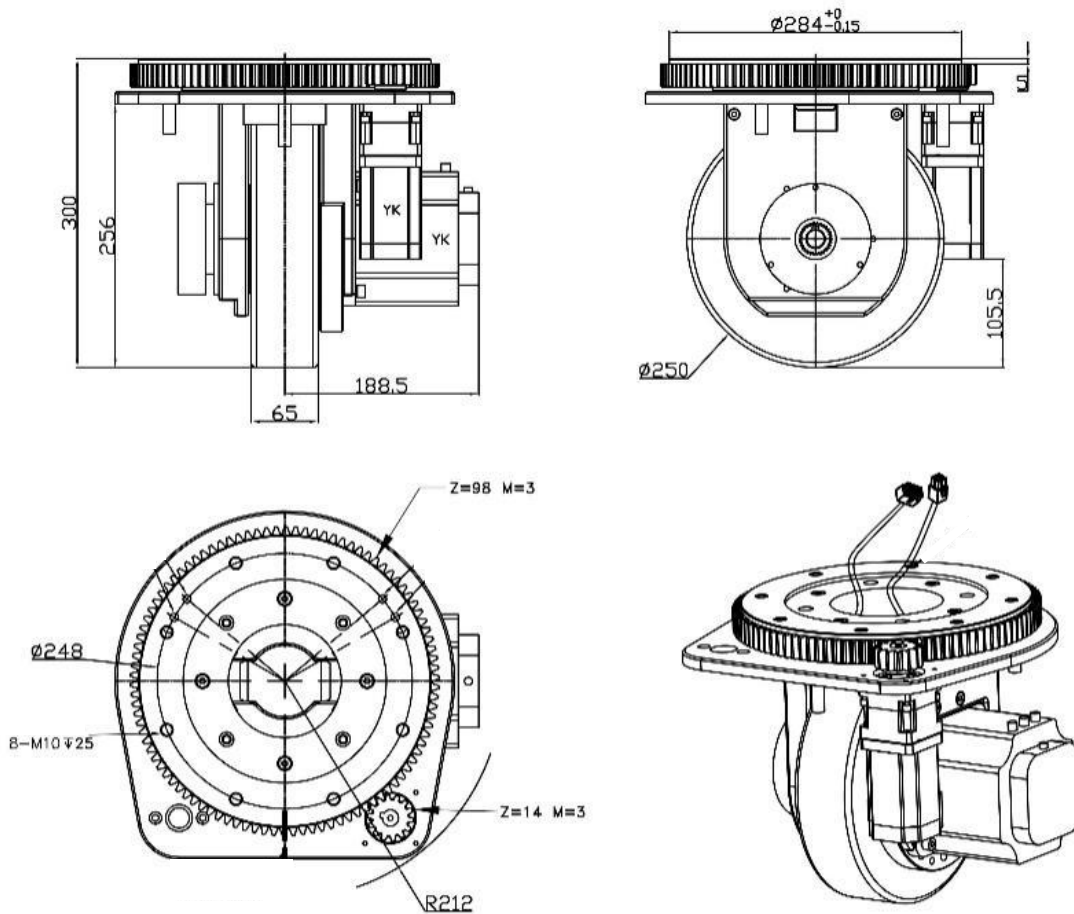
Model	AB-SW-D200-P3.0-C1500
Drive Motor	
Wheel Diameter	200 mm
Height	265 mm
Working Voltage	48 V
Rated Power	3.0 kW
Nominal Torque(Traction Motor)	9.50 N·m
Gear Ratio	24
Nominal Torque(Drive Motor)	193.80 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.4 kW
Bearing & Gear Ratio	220.5
Nominal Torque	1.28 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1500 kg
Net Weight	43 kg



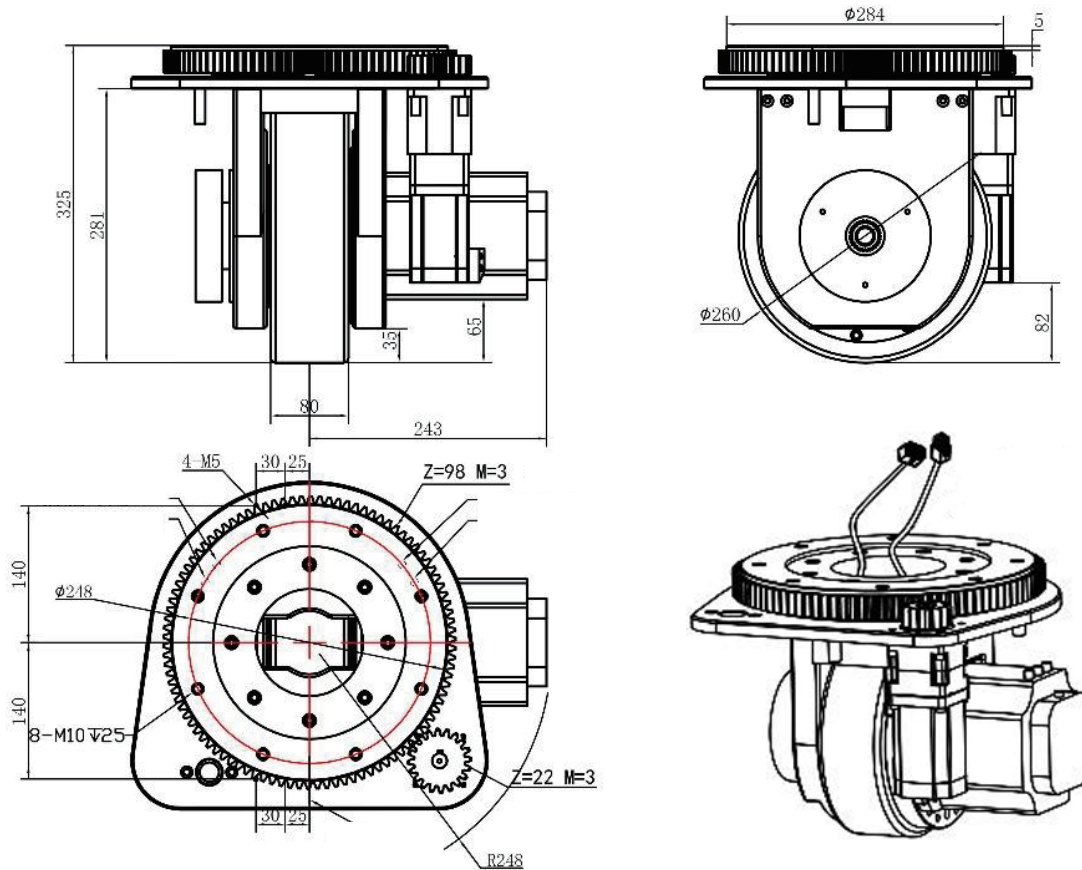
Model	AB-SW-D230-P3.0-C1500
Drive Motor	
Wheel Diameter	230 mm
Height	508.5 mm
Working Voltage	48 V
Rated Power	3.0 kW
Nominal Torque(Traction Motor)	9.50 N·m
Gear Ratio	22/27
Nominal Torque(Drive Motor)	177.65/218.03 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.4 kW
Bearing & Gear Ratio	307.5
Nominal Torque	1.28 N·m
RPM	3000
Max. Angle Limit	±130°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1500 kg
Net Weight	80 kg



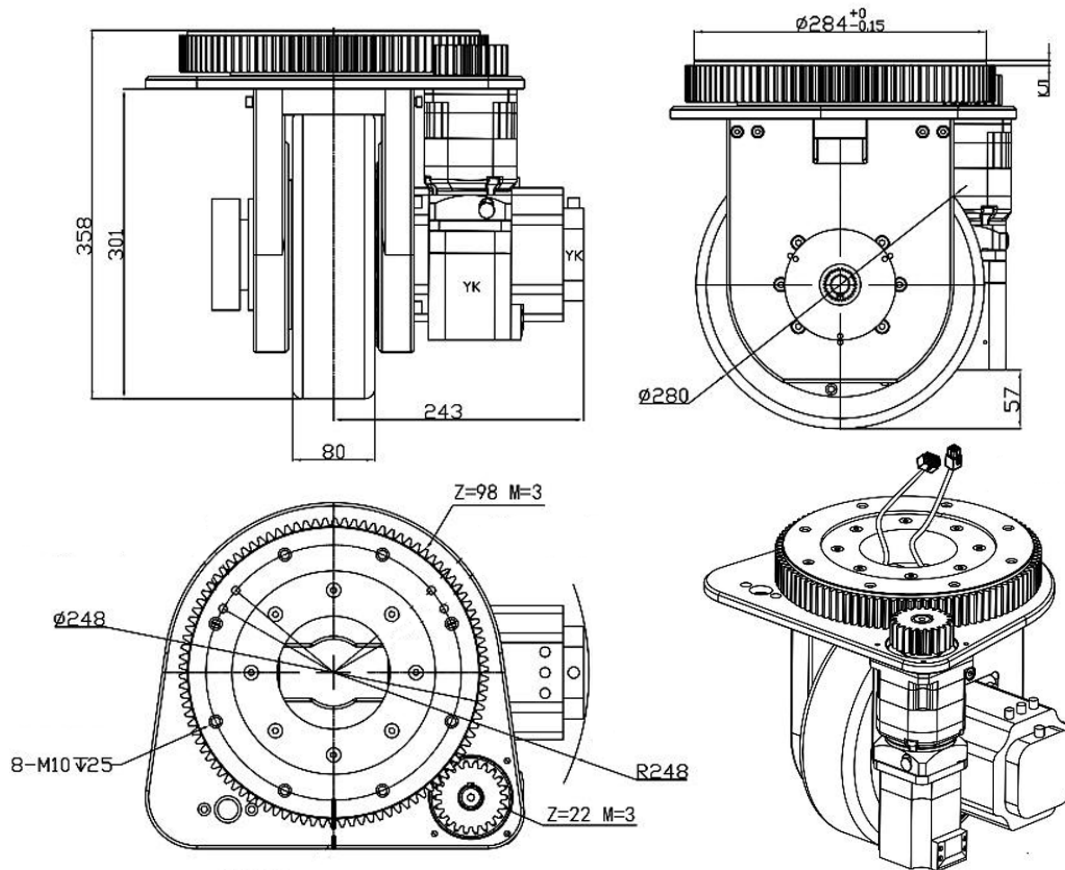
Model	AB-SW-D250-P1.0-C1000
Drive Motor	
Wheel Diameter	250 mm
Height	300 mm
Working Voltage	24/48 V
Rated Power	1.0 kW
Nominal Torque(Traction Motor)	4.77/3.20 N·m
Gear Ratio	24/32
Nominal Torque(Drive Motor)	97.31/65.28/129.74/87.04 N·m
RPM	2000/3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.4/0.2 kW
Bearing & Gear Ratio	220.5/265.5
Nominal Torque	1.28/0.64 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1000 kg
Net Weight	43 kg



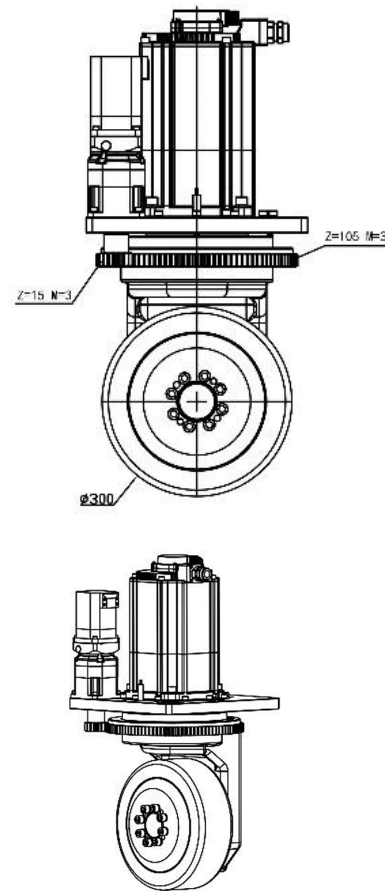
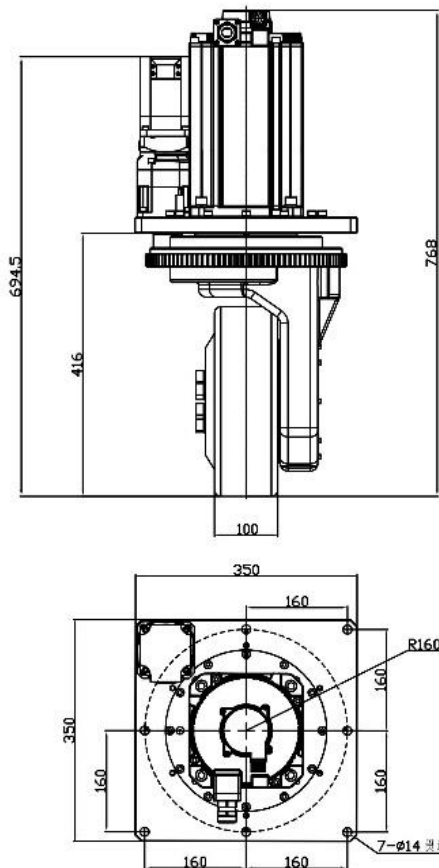
Model	AB-SW-D250-P1.5-C1500
Drive Motor	
Wheel Diameter	250 mm
Height	300 mm
Working Voltage	48 V
Rated Power	1.5 kW
Nominal Torque(Traction Motor)	6.00/4.77 N·m
Gear Ratio	24/32
Nominal Torque(Drive Motor)	122.40/163.20/97.31/129.74 N·m
RPM	2500/3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.4 kW
Bearing & Gear Ratio	220.5
Nominal Torque	1.28 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	1500 kg
Net Weight	43 kg



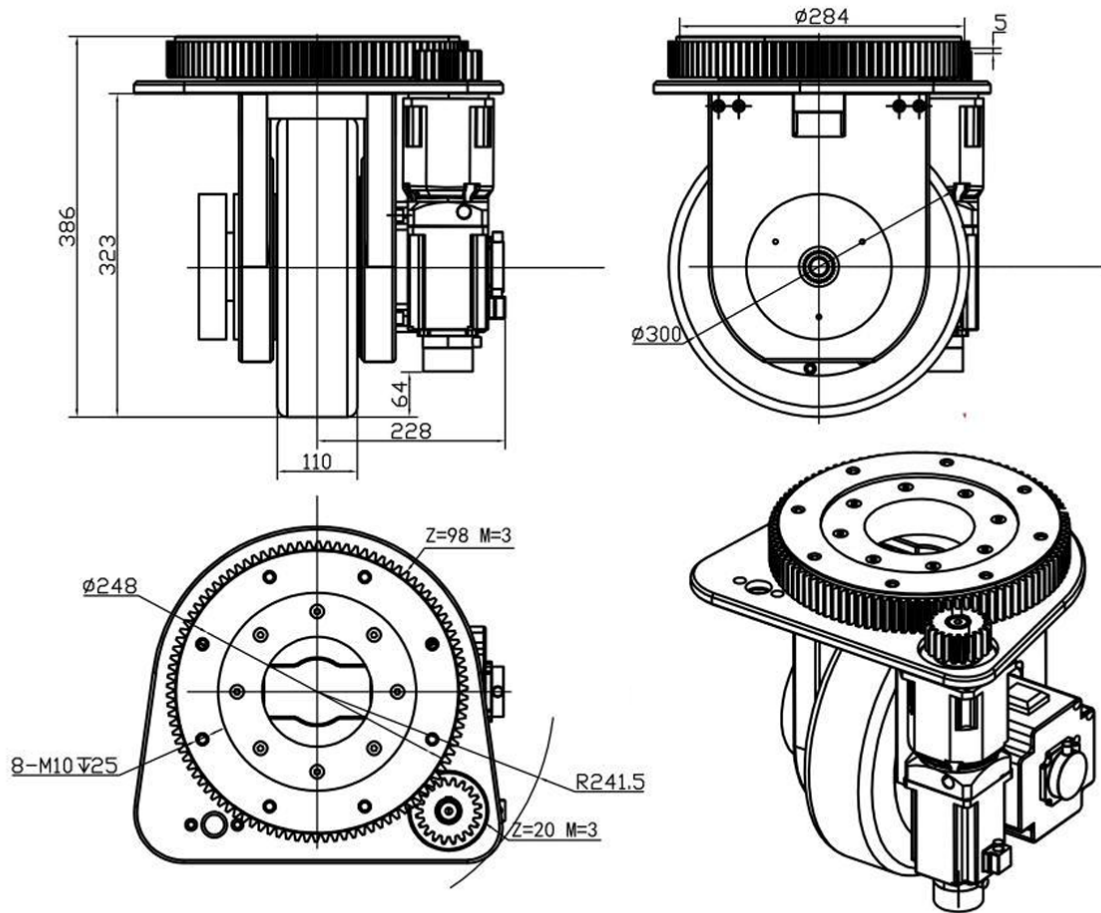
Model	AB-SW-D250-P3.0-C1500
Drive Motor	
Wheel Diameter	250 mm
Height	300 mm
Working Voltage	48 V
Rated Power	3.0 kW
Nominal Torque(Traction Motor)	13.50/9.50 N·m
Gear Ratio	24/32
Nominal Torque(Drive Motor)	275.40/193.80/367.20/258.40 N·m
RPM	2000/3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.4/0.2 kW
Bearing & Gear Ratio	220.5/265.5
Nominal Torque	1.28/0.64 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EherCat/CanOpen/Modbus
Max. Payload	1500 kg
Net Weight	48 kg



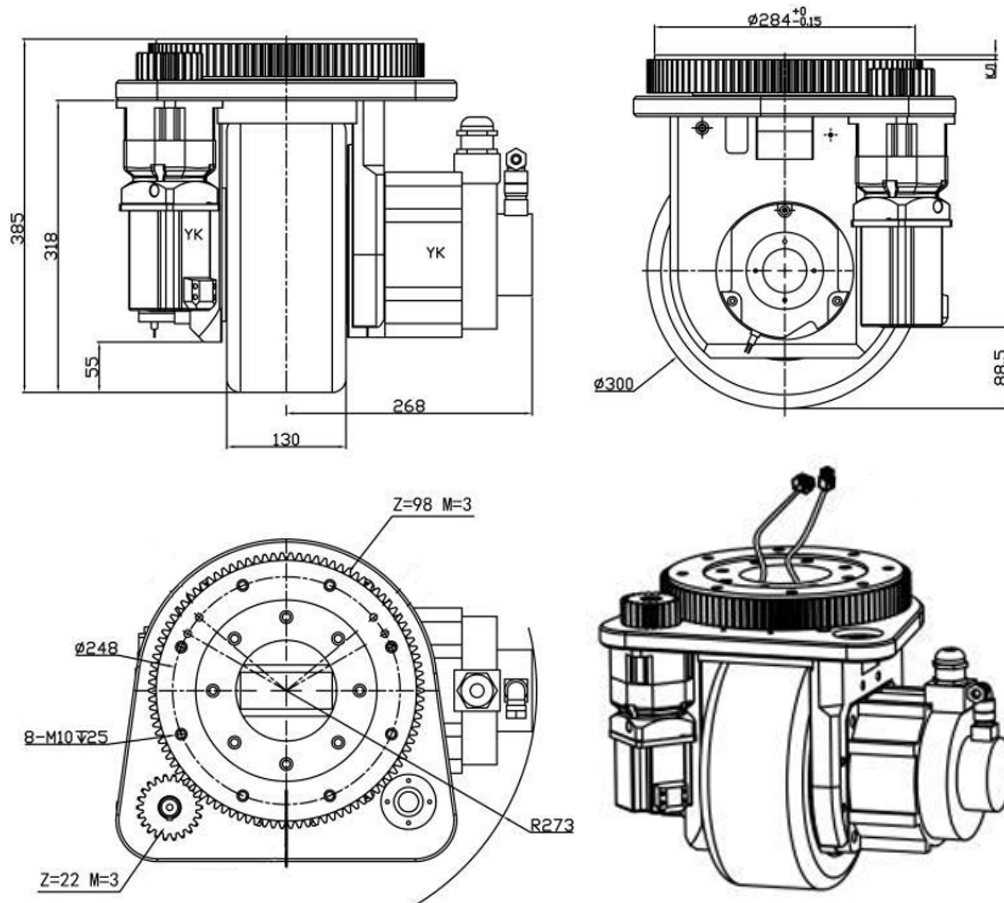
Model	AB-SW-D280-P3.0-C3000
Drive Motor	
Wheel Diameter	280 mm
Height	358 mm
Working Voltage	48 V
Rated Power	3.0 kW
Nominal Torque(Traction Motor)	13.50/9.50 N·m
Gear Ratio	11/22
Nominal Torque(Drive Motor)	126.23/88.83/126.23/177.65 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.75 kW
Bearing & Gear Ratio	245
Nominal Torque	2.39 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	3000 kg
Net Weight	80 kg



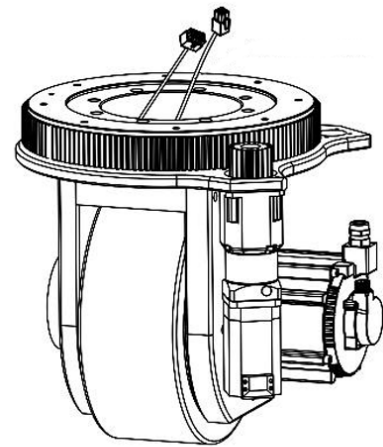
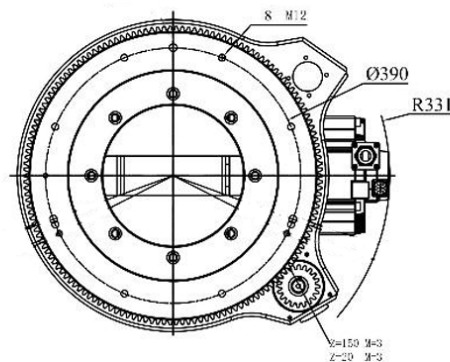
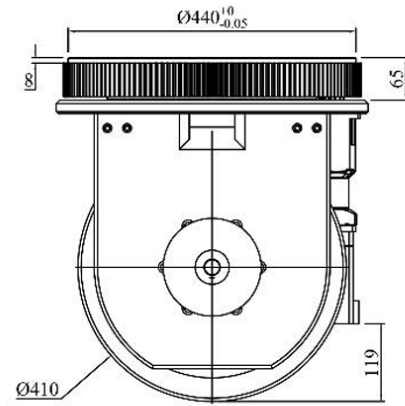
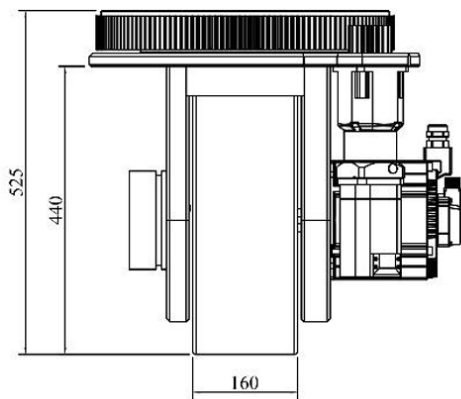
Model	AB-SW-D300-P4.0/5.0-C2000
Drive Motor	
Wheel Diameter	300 mm
Height	768 mm
Working Voltage	48 V
Rated Power	4.0/5.0 kW
Nominal Torque(Traction Motor)	19.50 N·m
Gear Ratio	11/22
Nominal Torque(Drive Motor)	182.33/ 364.65 N·m
RPM	2000/2500
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.75 kW
Bearing & Gear Ratio	262.5
Nominal Torque	2.39 N·m
RPM	3000
Max. Angle Limit	±180°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EherCat/CanOpen/Modbus
Max. Payload	2000 kg
Net Weight	95 kg



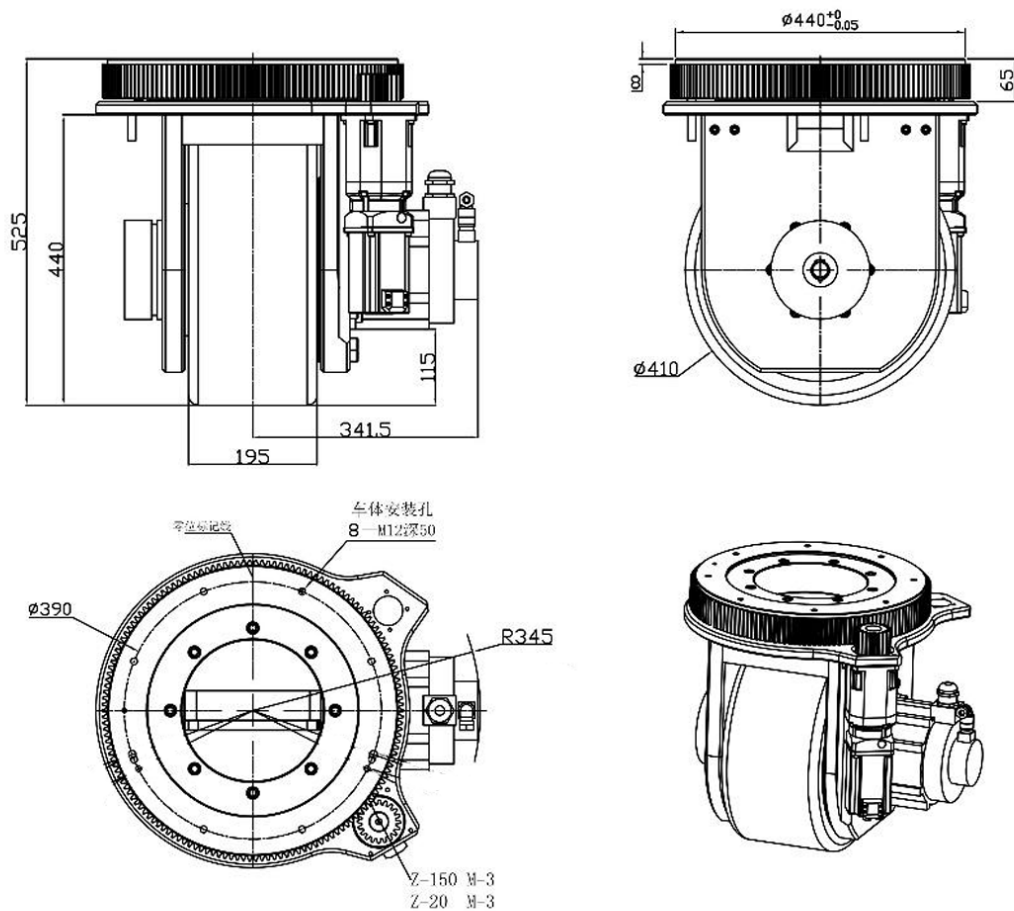
Model	AB-SW-D300-P3.0-C3000
Drive Motor	
Wheel Diameter	300 mm
Height	386 mm
Working Voltage	48 V
Rated Power	3.0 kW
Nominal Torque(Traction Motor)	9.50 N·m
Gear Ratio	40
Nominal Torque(Drive Motor)	323.00 N·m
RPM	3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	0.75 kW
Bearing & Gear Ratio	245
Nominal Torque	2.39 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	3000 kg
Net Weight	80 kg



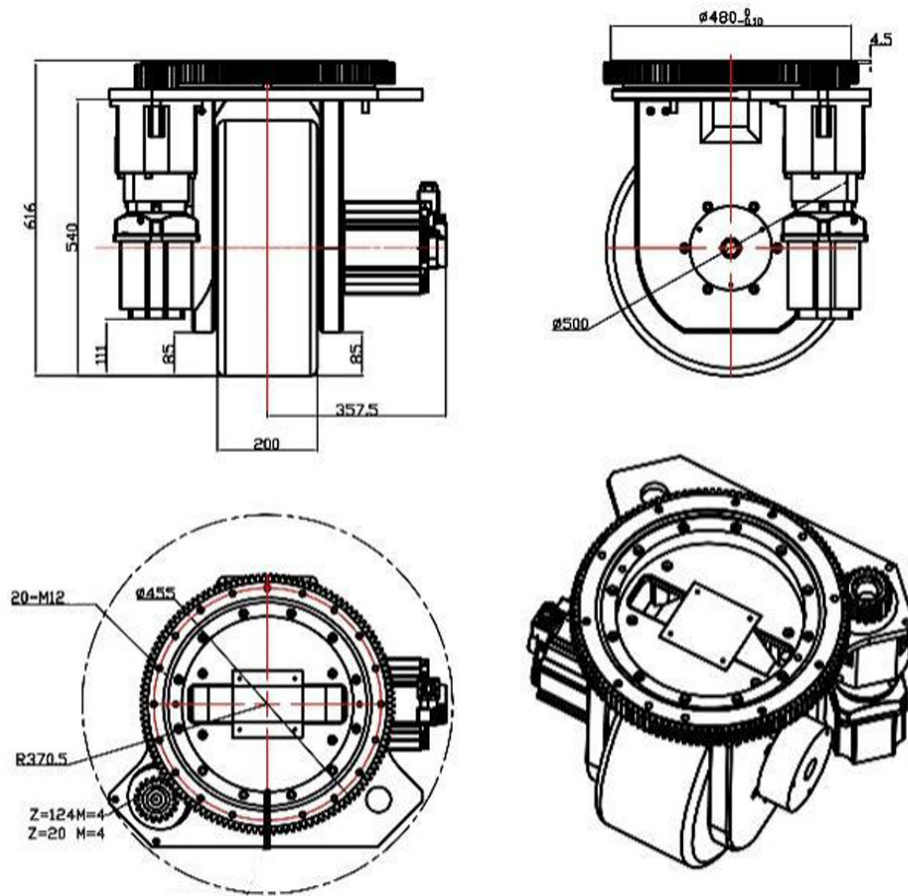
Model	AB-SW-D300-P4.0/5.0-C3500
Drive Motor	
Wheel Diameter	300 mm
Height	385 mm
Working Voltage	48 V
Rated Power	4.0/5.0 kW
Nominal Torque(Traction Motor)	19.50 N·m
Gear Ratio	60
Nominal Torque(Drive Motor)	994.50 N·m
RPM	2000/2500
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	1.0 kW
Bearing & Gear Ratio	245
Nominal Torque	3.2 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	3500 kg
Net Weight	95 kg



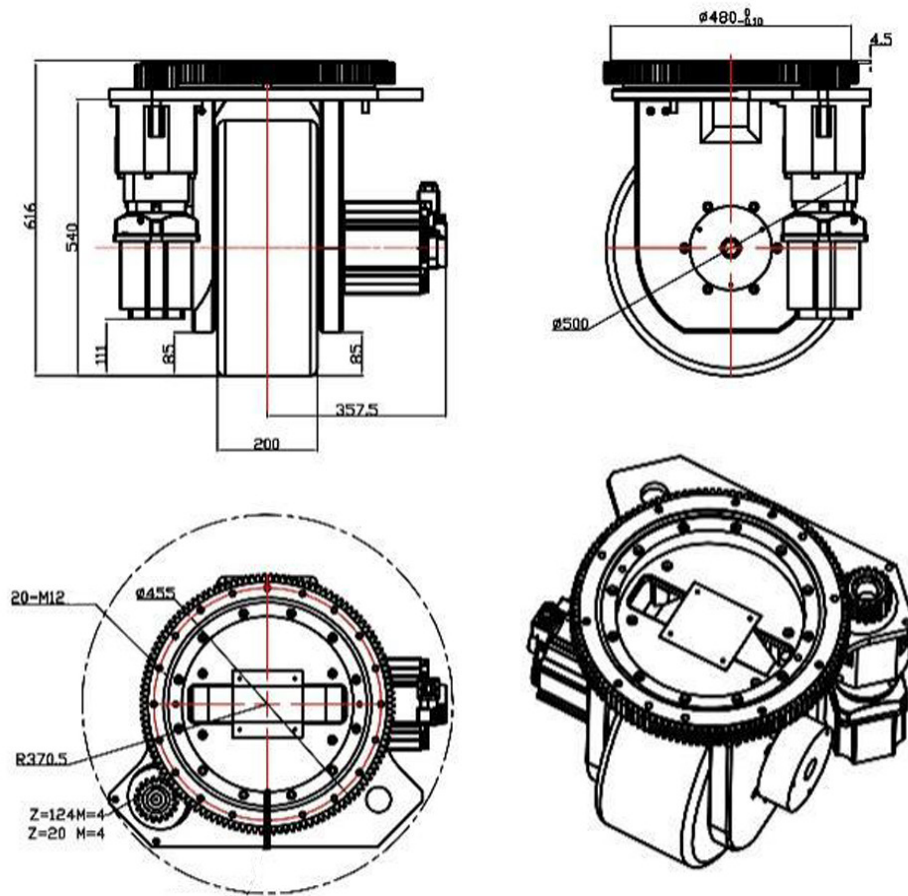
Model	AB-SW-D410-P4.3-C4500
Drive Motor	
Wheel Diameter	410 mm
Height	525 mm
Working Voltage	48 V
Rated Power	4.3 kW
Nominal Torque(Traction Motor)	27.00 N·m
Gear Ratio	70/100
Nominal Torque(Drive Motor)	1606.50/2295.00 N·m
RPM	1500
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	1.0 kW
Bearing & Gear Ratio	750
Nominal Torque	3.2 N·m
RPM	3000
Max. Angle Limit	±110°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	4500 kg
Net Weight	200 kg



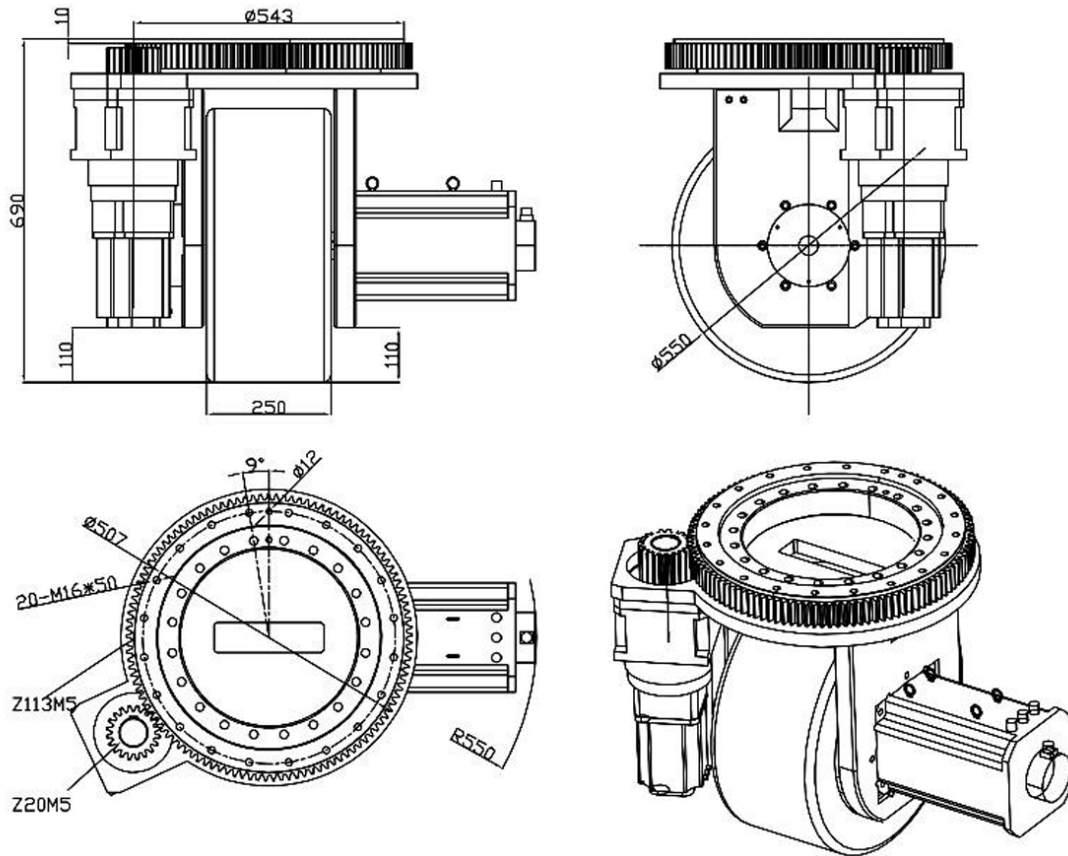
Model	AB-SW-D410-P5.7-C4500
Drive Motor	
Wheel Diameter	410 mm
Height	525 mm
Working Voltage	48 V
Rated Power	5.7 kW
Nominal Torque(Traction Motor)	27.00 N·m
Gear Ratio	70/100
Nominal Torque(Drive Motor)	1606.50/2295.00N·m
RPM	2000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	1.0 kW
Bearing & Gear Ratio	750
Nominal Torque	3.2 N·m
RPM	3000
Max. Angle Limit	±110°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	4500 kg
Net Weight	200 kg



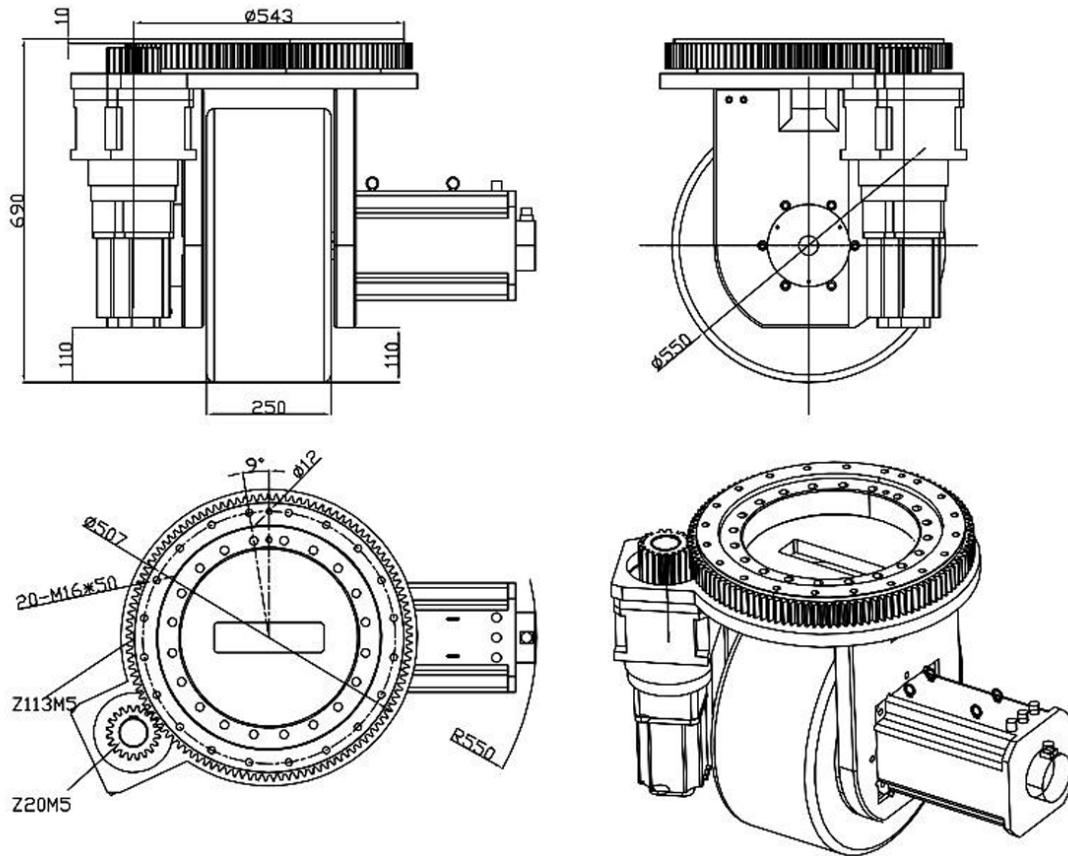
Model	AB-SW-D500-P5.5-C6000
Drive Motor	
Wheel Diameter	500 mm
Height	616 mm
Working Voltage	48 V
Rated Power	5.5 kW
Nominal Torque(Traction Motor)	36.00 N·m
Gear Ratio	70
Nominal Torque(Drive Motor)	2142.00 N·m
RPM	1500
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	1.5/3 kW
Bearing & Gear Ratio	375/372
Nominal Torque	4.77/9/54 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	6000 kg
Net Weight	350 kg



Model	AB-SW-D500-P7.5-C6000/10000
Drive Motor	
Wheel Diameter	500 mm
Height	616 mm
Working Voltage	48 V
Rated Power	7.5 kW
Nominal Torque(Traction Motor)	48.00 N·m
Gear Ratio	120
Nominal Torque(Drive Motor)	4896.00 N·m
RPM	1500/3000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	1.5/3 kW
Bearing & Gear Ratio	375/372
Nominal Torque	4.77/9/54 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Incremental Encoder(2500 lines)/ Absolute Encoder(NRZ Mode) /Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	6000/10000 kg
Net Weight	350 kg



Model	AB-SW-D550-P7.5-C15000
Drive Motor	
Wheel Diameter	550 mm
Height	690 mm
Working Voltage	96 V
Rated Power	7.5 kW
Nominal Torque(Traction Motor)	48.00 N·m
Gear Ratio	120
Nominal Torque(Drive Motor)	4896.00 N·m
RPM	1500
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	3 kW
Bearing & Gear Ratio	565
Nominal Torque	9.5 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	15000 kg
Net Weight	450 kg



Model	AB-SW-D550-P20-C15000
Drive Motor	
Wheel Diameter	550 mm
Height	690 mm
Working Voltage	96 V
Rated Power	20 kW
Nominal Torque(Traction Motor)	98.00 N·m
Gear Ratio	40
Nominal Torque(Drive Motor)	3332.00 N·m
RPM	2000
Encoder	Incremental Encoder(2500 lines)
Steering Motor	
Rated Power	3 kW
Bearing & Gear Ratio	565
Nominal Torque	9.5 N·m
RPM	3000
Max. Angle Limit	±120°
Encoder	Posital Absolute Encoder(BissC Mode)
Specification	
Drive Communication	EtherCat/CanOpen/Modbus
Max. Payload	15000 kg
Net Weight	450 kg

