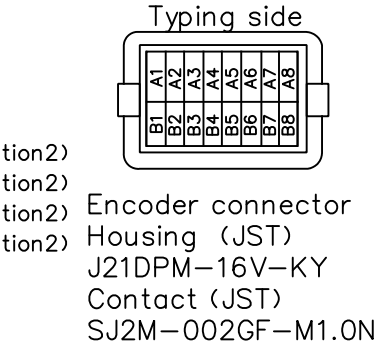
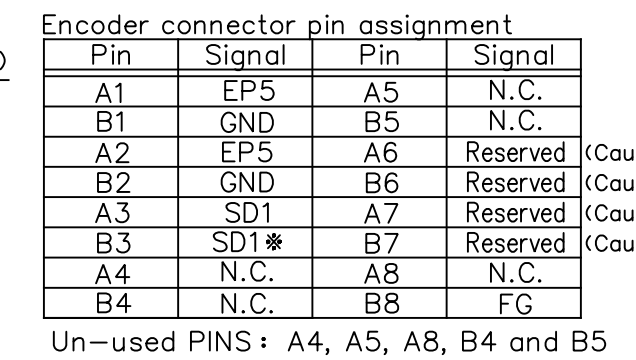
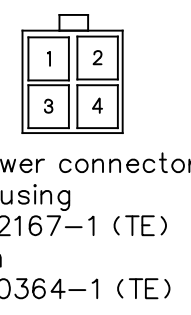
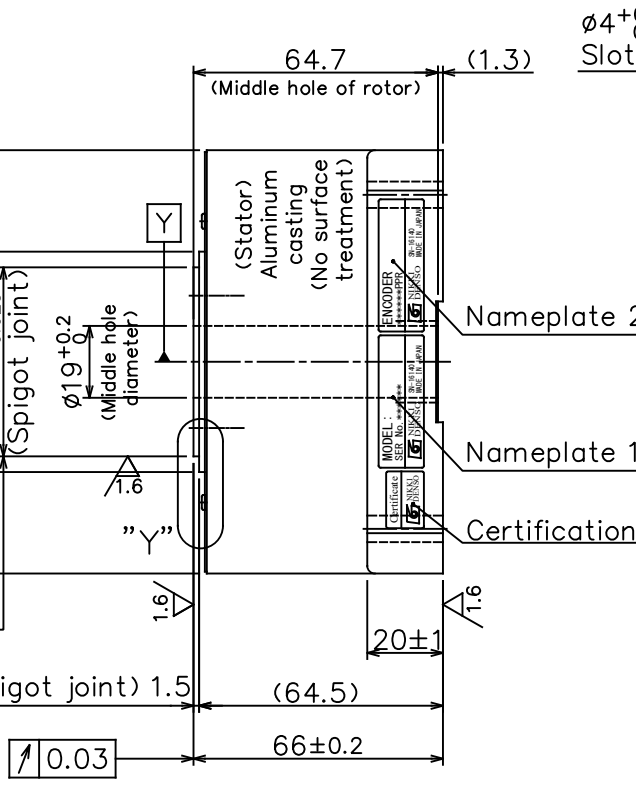
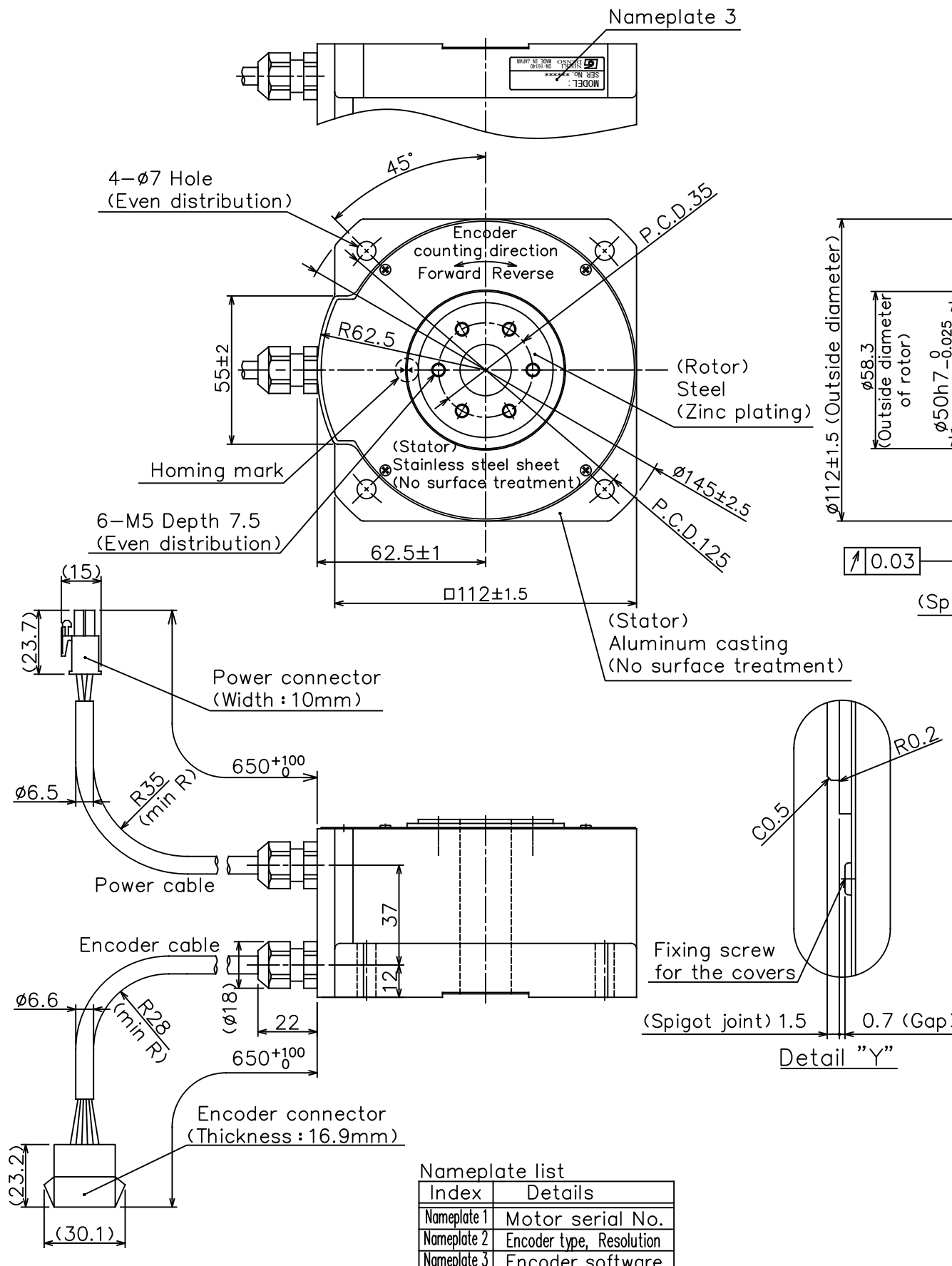




Specifications

Items	Unit	Specifications
Rated torque	N·m	4.2
Max torque	N·m	10.5
Rated current	A	2
Rated rotation speed	rps	5
Rated output	W	131
Encoder type		Optical absolute (single-turn)
The signal output		Serial communication
Interpolation unit		Built-in motor
Detection pulse	ppr	2,097,152
Electrical detection resolution	arc second	0.618
Allowable moment load	N·m	6.1
Allowable axial load	N	1,100
Radial runout (No load)	mm	0.03
Axial runout (No load)	mm	0.03
Rotor moment of inertia	kg·m ²	0.00039
Mass	kg	2.2
Magnetic pole detection		Absolute position detection
Power Source	ACV	3-phase 200V AC
Paired servo driver		200W (VCI, VPH), 400W (VPS)
Duty type		Continuous (S1)
Mounting attitude		Horizontal (Rotor facing upward) ★
Protection class	IP	42
Operating temperature	°C	0~40
Humidity (Non-condensing)	%	0~85
Vibration resistance	G	1
Withstand voltage	AC 1500V	for 1 min only
Insulation resistance	Ω	100M or higher

Caution

1. Allowable axial load and allowable moment load indicated in the spec. sheet are the maximum allowable load when each load is independently activated. Please make sure to consult us in case of combined load at the axial load, radial load, and moment load to be activated, or life of the motor.

2. Please do not wire the pin (A6~B7) which is reserved for encoder manufacturer to avoid the encoder troubles.

NOTE File name : SE-79020.dwg

Approved _____ Checked _____ Designed _____

Surface treatment Refer drawing

Material Refer drawing

Scale 1/2

Rev. mark Entry No. Rev. note Approved Date Checked Date Designed Date

Product no. 2,4,7-9,0,6,1

Model DISC motor ND110-65-FS (ABS 200V) NMR-SAEJA2A-131A

Title Dimensions (ABS 200V)

Drawing No. S E - 7 9 0 2 0

REV.