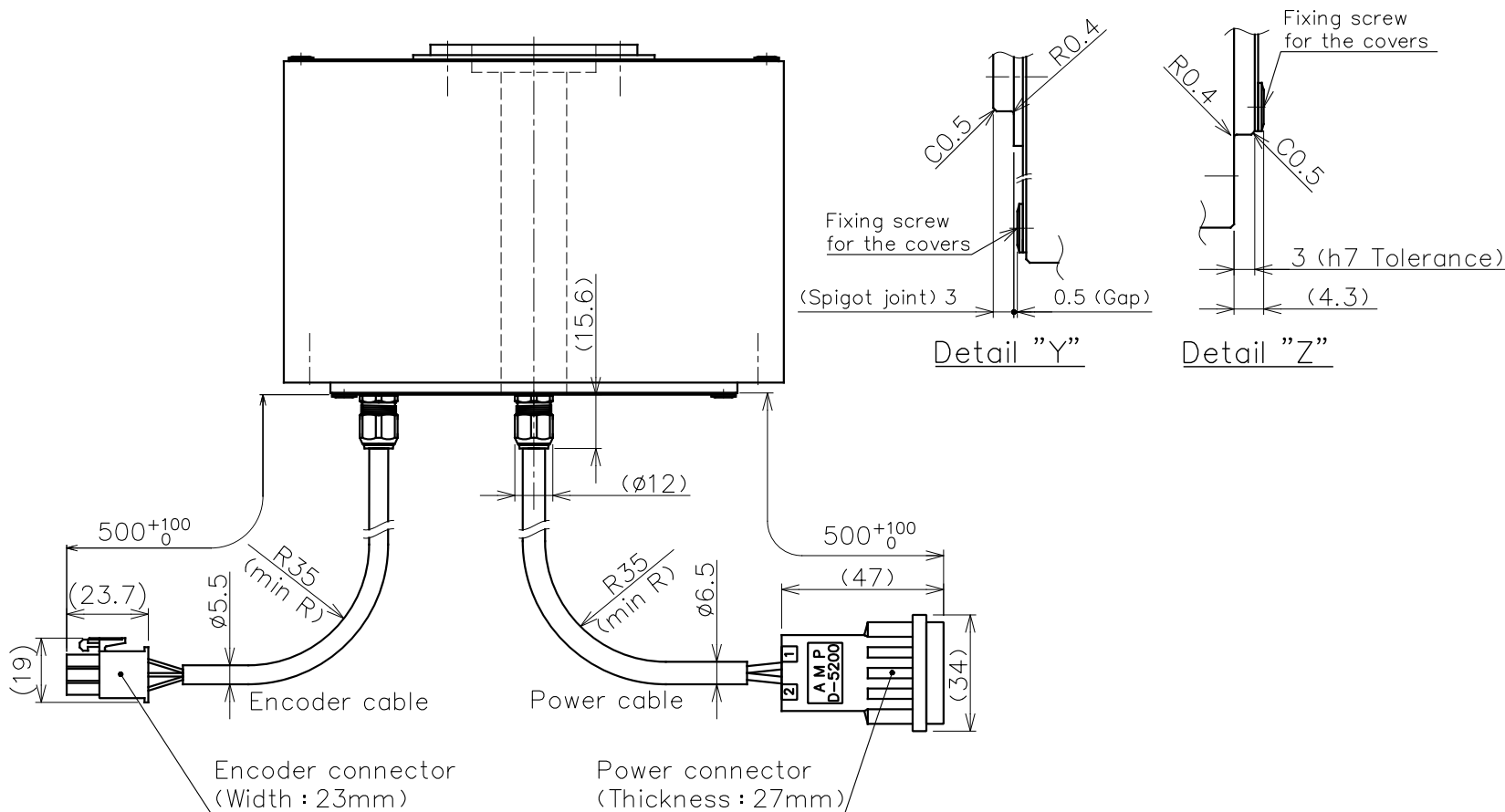
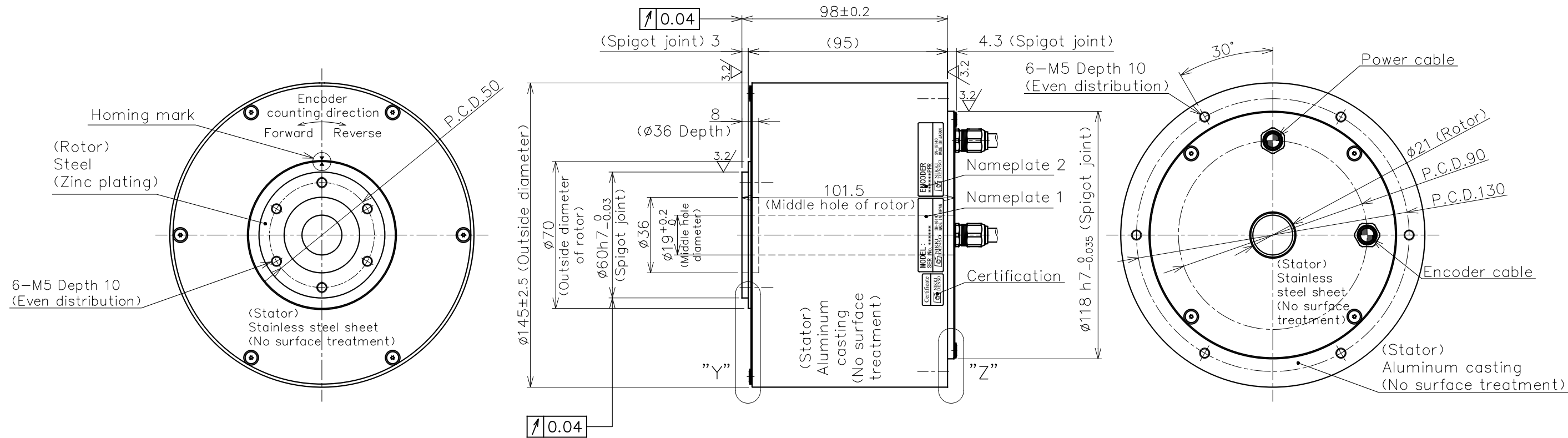


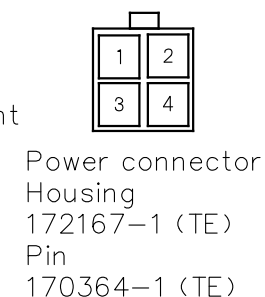


Nameplate list

Index	Details
Nameplate 1	Motor serial No.
Nameplate 2	Encoder type, Resolution

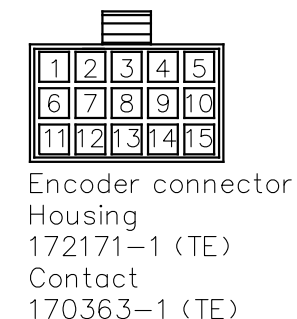
Power connector pin assignment

Pin	Phase	Line color
1	U	Red
2	V	White
3	W	Black
4	Ground	Green



Encoder connector pin assignment

Pin	Signal	Line color
1	A	Yellow/Red1
2	A *	Yellow/Black1
3	B	White/Red1
4	B *	White/Black1
5	Z	Gray/Red1
6	Z *	Gray/Black1
7	PS	Orange/Red1
8	PS *	Orange/Black1
9	PC	Gray/Red2
10	PC *	Gray/Black2
11	+5V	Pink/Red1
12	GND	Pink/Black1
13	+5V	Orange/Red2
14	GND	Orange/Black2
15	FG	Outer shield



Specifications

Items	Unit	Specifications
Rated torque	N·m	15.0
Max torque	N·m	37.0
Rated current	A	8.1
Rated rotation speed	rps	11
Rated output	W	1,036
Encoder type		Optical incremental
The signal output		Pulse out put of A phase and B phase
Interpolation unit		Built-in motor
Detection pulse	PPR	1,600,000
Electrical detection resolution	arc second	0.810
Allowable moment load	N·m	17.3
Allowable axial load	N	2,400
Radial runout (No load)	mm	0.04
Axial runout (No load)	mm	0.04
Rotor moment of inertia	kg·m ²	0.00134
Mass	kg	5.9
Magnetic pole detection		*
Power Source	ACV	3-phase 200V AC
Paired servo driver	VCII, VPH	1.5kW or VPS-1.6kW
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

* Selection of Magnetic pole detection or Automatic pole detection
 ♦ The life of bearing and runout accuracy are different by load condition.
 ☆ Please make sure to consult with us if the mounting is other than horizontal attitude.

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.

Rev. mark	Rev. note	Approved Date	Checked Date	Designed Date	NOTE	File name : SE-79180.dwg	Entry no. R.1-7.1.7.6.2	Product no. 2.4.7-8.1.7.1
Entry No.					Approved	Checked	Designed	Model
								Refer drawing
								Material
								Refer drawing
								Scale
								1/2
								Third angle projection
								Drawing No.
								REV.

NIKKI DENSO CKD NIKKI DENSO CO., LTD

Dimensions (INC_11rps)

SE-79180