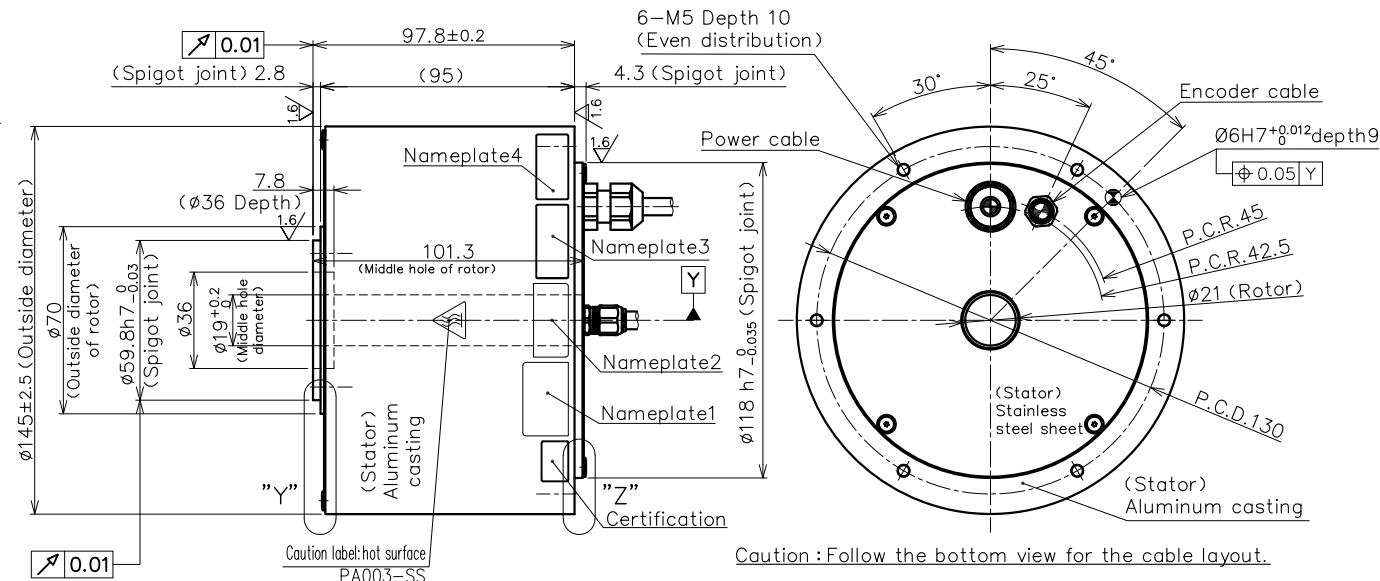
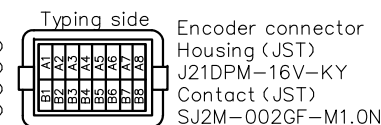
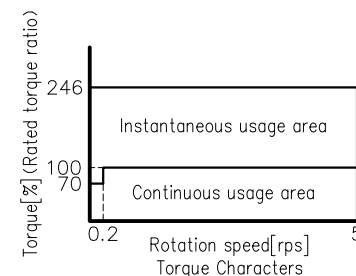


Specifications		
Items	Unit	Specifications
Rated torque	N·m	15.0
Max torque	N·m	37.0
Rated current	A	4.0
Rated rotation speed	rps	5
Rated output	W	471
Encoder type	Optical absolute (single-turn)	
The signal output	Serial communication	
Interpolation unit	Built-in motor	
Detection pulse	ppr	2,097,152
Electrical detection resolution	arc second	0.618
Allowable moment load	N·m	17.3
Allowable axial load	N	2,400
Radial runout (No load)	mm	0.01
Axial runout (No load)	mm	0.01
Rotor moment of inertia	kg·m ²	0.00134
Mass	kg	5.9
Magnetic pole detection	Absolute position detection	
Power Source	ACV	3-phase 200V AC
Paired servo driver	800W	
Duty type	— (Continuous (S1))	
Mounting attitude	Horizontal (Rotor facing upward)	
Protection class	IP	40
Operating temperature	℃	0~40
Humidity (Non-condensing)	%	0~85
Vibration resistance	G	1
Withstand voltage	AC 1500V for 1 min only	
Insulation resistance	≥ 100M or higher	



Caution

(Thickness : 16.9mm)

(Width

1. This product is designed to use at no condensing atmosphere, and we apply the transparent coating agent on the surface of spigot joint (Axial and Radial) of rotor part for the rust prevention.
For cleaning up of the spigot joint of rotor,
please make sure to use drycloth.
Never use the organic solvent such as acetone, ethanol, or others agent since the organic solvent may lead to rust.

2. 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.

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

Un-used PINS: A4, A5, B4, B5

◆ 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.

4.Special model motor, please refer to the special model drawing.

			NOTE			File name/SX-02130B.dwg	Entry no./R1-73513	Product no./248-5530
			Approved	Checked	Designed	Surface treatment	Model	
						-	DISC Motor NDI40-95-LP-UC(ABS) NMR-SFJA2A-47/AP-UC	
						Material	Title	
						Refer drawing	Dimensions (ABS High precision)	
						Scale	Drawing No.	REV.
Rev. mark	Rev. note		Approved Date	Checked Date	Designed Date	1/2	SX-02130B	
Entry No.						Third angle projection		

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