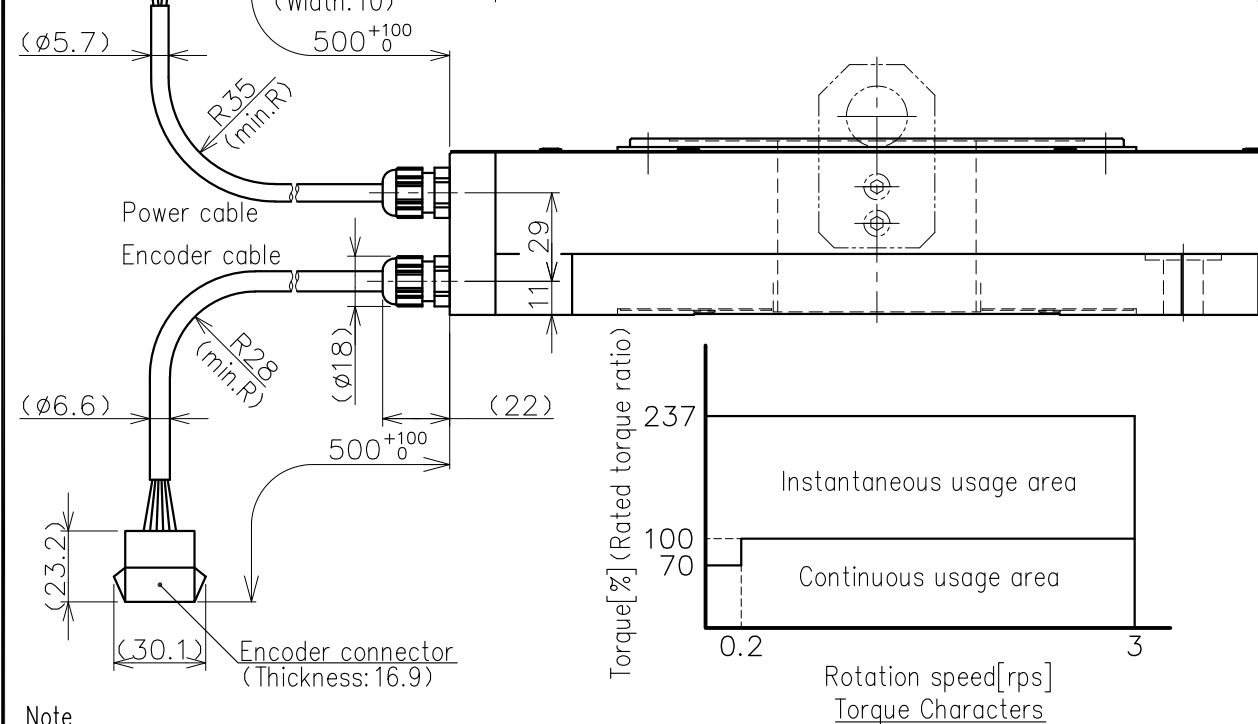
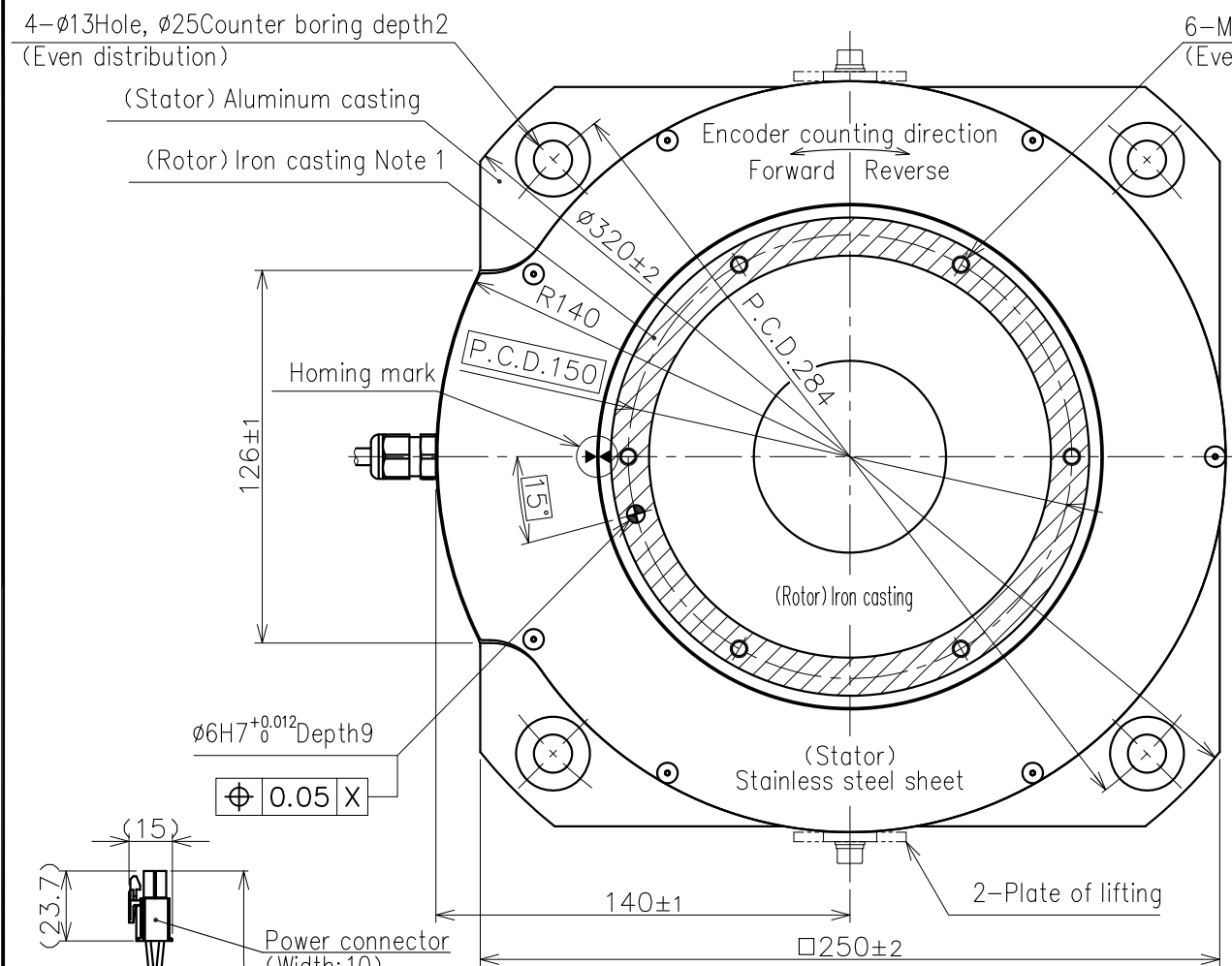
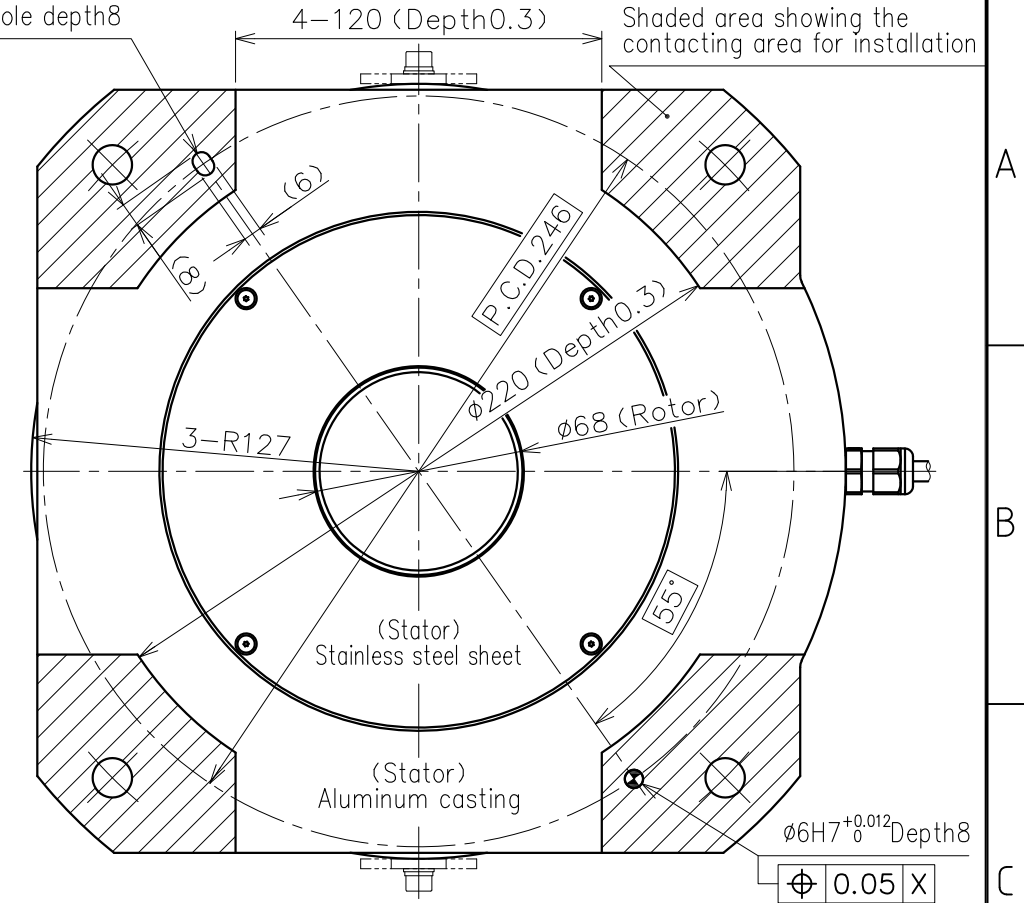
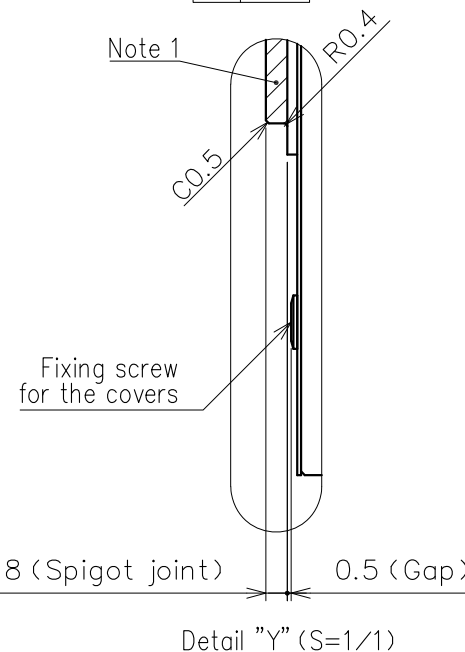
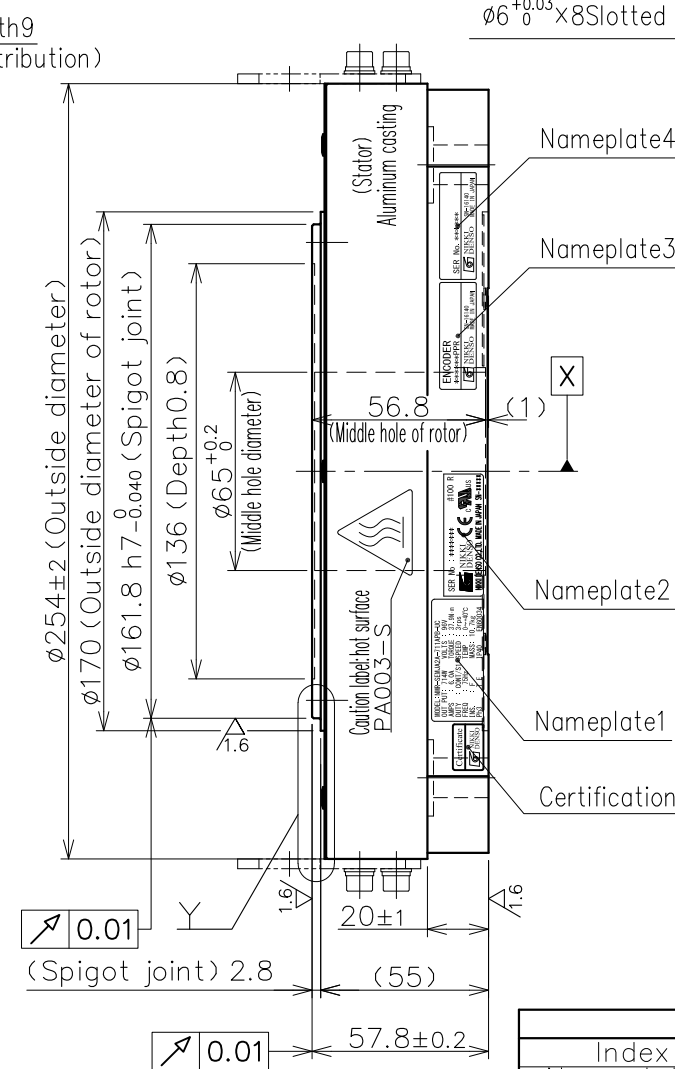




Note

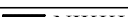
1. The spigot joint surface of rotation part (both axial and radial) are coated by the transparent color coating agent for the rust prevention under the environment of no condensation. Make sure to use the dry cloth when you clean up the spigot joint surface of rotation part. Never use the organic solvent such as acetone or ethanol since these solvent destroys the coating agent and will cause the rusting.
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.
4. Special model motor, please refer to the special model drawing.



Specifications

Items	Unit	Specifications
Rated torque	N·m	37.9
Max. torque	N·m	90
Rated current	A	6.0
Rated rotation speed	rps	3
Rated output	W	714
Encoder type	Optical absolute (single-turn)	
The signal output	Serial communication	
Interpolation unit	Built-in motor	
Detection pulse	PPR	6,815,744
Electrical detection resolution	arc second	0.191
Allowable moment load	N·m	60
Allowable axial load	N	3,500
Radial runout (No load)	mm	0.01
Axial runout (No load)	mm	0.01
Rotor moment of inertia	kg·m ²	0.022
Mass	kg	10.7
Magnetic pole detection	Absolute position detection	
Power source	ACV	3-phase 200V
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	Ω	100M or higher

★ 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.

△			NOTE File name/SE-84140A.dwg			ENTRY No.	R1-72,176		PRODUCT No.	248-2631	
			APPROVED	CHECKED	DESIGNED	FINISH		MODEL			
						—		rDISC Motor ND250-55-FSPB-UC (ABS) NMR-SEMJA2A-711APB-UC			
△						MATERIAL		TITLE			
						Refer drawing		Dimensions (ABS High precision)			
						SCALE 1 / 2.5		DRAWING No.		REV.	
REV. MARK			REV. NOTE			APPROVED			CHECKED	DESIGNED	SE-84140A
ENTRY No.			DATE			DATE			DATE		
						 NIKKI DENSO CKD NIKKI DENSO CO., LTD			third angle projection		