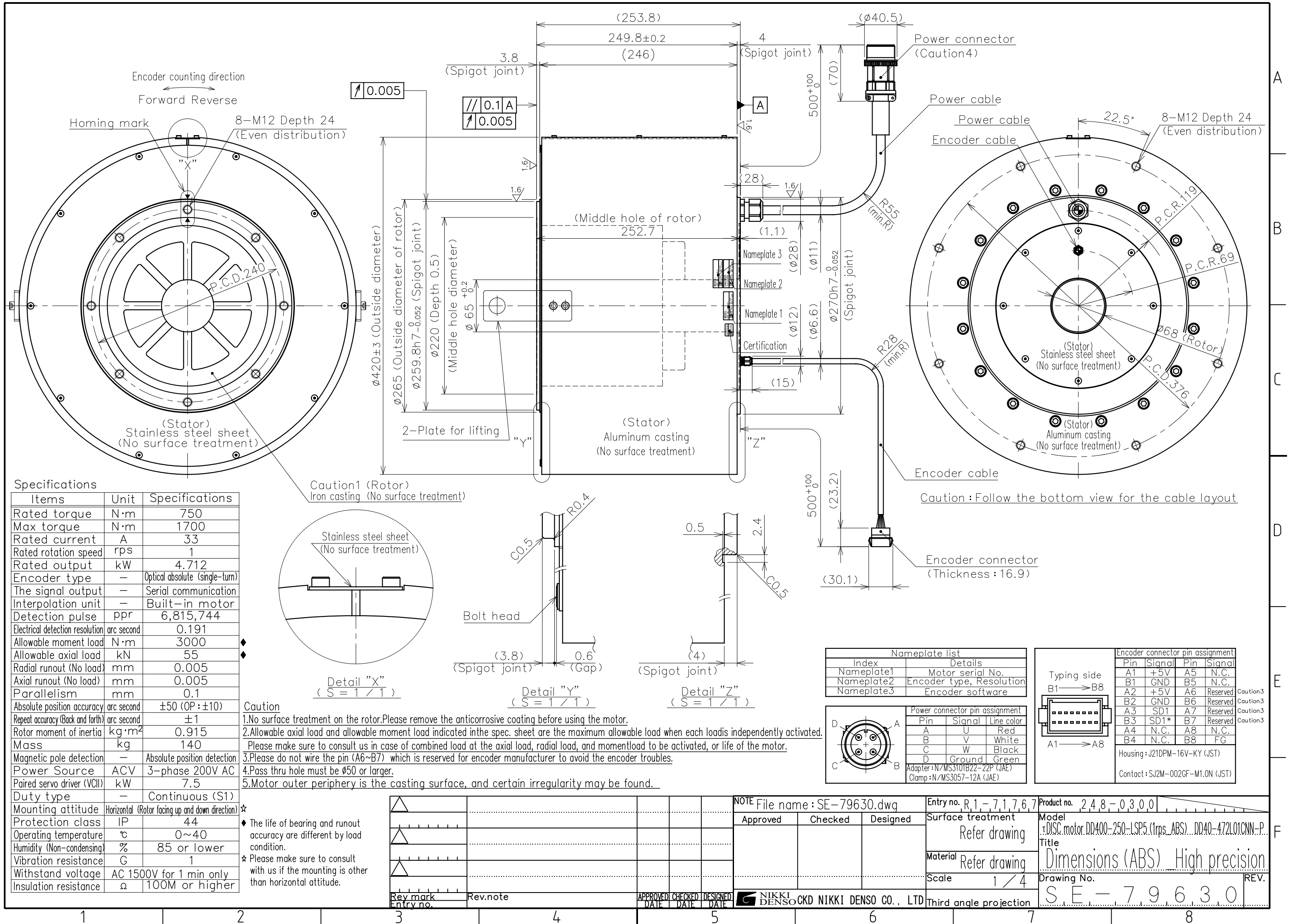




Specifications

Items	Unit	Specifications
Rated torque	N·m	750
Max torque	N·m	1700
Rated current	A	33
Rated rotation speed	rps	1
Rated output	kW	4.712
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	3000
Allowable axial load	kN	55
Radial runout (No load)	mm	0.005
Axial runout (No load)	mm	0.005
Parallelism	mm	0.1
Absolute position accuracy	arc second	± 50 (OP: ± 10)
Repeat accuracy (Back and forth)	arc second	± 1
Rotor moment of inertia	kg·m ²	0.915
Mass	kg	140
Magnetic pole detection	—	Absolute position detection
Power Source	ACV	3-phase 200V AC
Paired servo driver (VCI)	kW	7.5
Duty type	—	Continuous (S1)
Mounting attitude	Horizontal (Rotor facing up and down direction)	★
Protection class	IP	44
Operating temperature	℃	0~40
Humidity (Non-condensing)	%	85 or lower
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.

Nameplate list		
Index	Details	
Nameplate1	Motor serial No.	
Nameplate2	Encoder type, Resolution	
Nameplate3	Encoder software	

Power connector pin assignment		
Pin	Signal	Line color
A	U	Red
B	V	White
C	W	Black
D	Ground	Green
Adapter: N/MS3101B22-22P (JAE)		
Clamp: N/MS3057-12A (JAE)		

Encoder connector pin assignment			
Pin	Signal	Pin	Signal
A1	+5V	A5	N.C.
B1	GND	B5	N.C.
A2	+5V	A6	Reserved
B2	GND	B6	Reserved
A3	SD1	A7	Reserved
B3	SD1*	B7	Reserved
A4	N.C.	A8	N.C.
B4	N.C.	B8	FG
Housing: J21DPM-16V-KY (JST)			
Contact: SJ2M-002GF-M1.0N (JST)			

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