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INOVANCE

Amendment

Description

Unit: Millimeter (mm)

44±1

60±0.3

70

4xØ5.5 EQS

M5 8

Encoder adapter connector

9pin terminal	3	6	1	4	9	8	7
Core color	blue	purple	brown	black	red	orange	groud wire
definition	PS+	PS—	DC+	DC—	+5V	0V	shield
	Pair		Pair		Pair		

note:  
1、The lead wire cable length about 300±20mm

Encoder adapter connector    Power wire adapter connector

Power wire adapter connector

6pin terminal	5	4	2	1	3	6
Core color	chartreuse	red	black	white	brown	blue
definition	PE	W	V	U	BK+	BK—

92±0.5

30±0.35

0.5±0.35

16.5

0.02 A

0.06 A

14 h6

Ø50 h7

Ø0.04 A

Basic function parameters

Rated power kW	0.4
Rated voltage V	220
Rated current A	2.4
Peak current at rated speed A	9.2
Rated torque Nm	1.27
Peak torque at rated speed Nm	4.45
Rated speed rpm	3000
Max speed rpm	7000
Rotor inertia kg·cm <sup>2</sup>	0.43±10%
Encoder resolution	23bit
Insulation class	F (155)
Protection class	IP67
Static torque of brake Nm	/
Brake power supply V	/
Brake backlash°	/
Duty cycle	S1
Radial load N	≤245
Axial load N	≤74

A Intermittent duty zone

B Continuous duty zone

Speed (rpm)

Torque (N·m)

A

B

Dimension of shaft end with key

Dimension of shaft end

Isometric view of the motor.

				Motor Outline Drawing			0111A712-WX	
B01	Replace	/	/	/			Mark	
Version	Change method	Changed by	Date					
Design	/							
Check	/							
Craft	/							
Verify	/			Weight	Scale	Version	Page 1 of 1	
Standardization	/			1.11kg	12	B01	Model	MS1H4-40B30CB-A331R-S-INT
Approve	/							