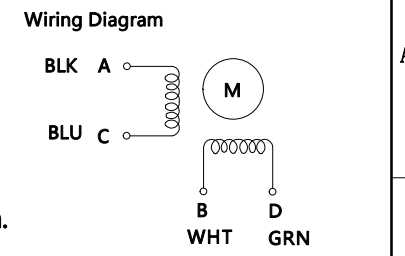
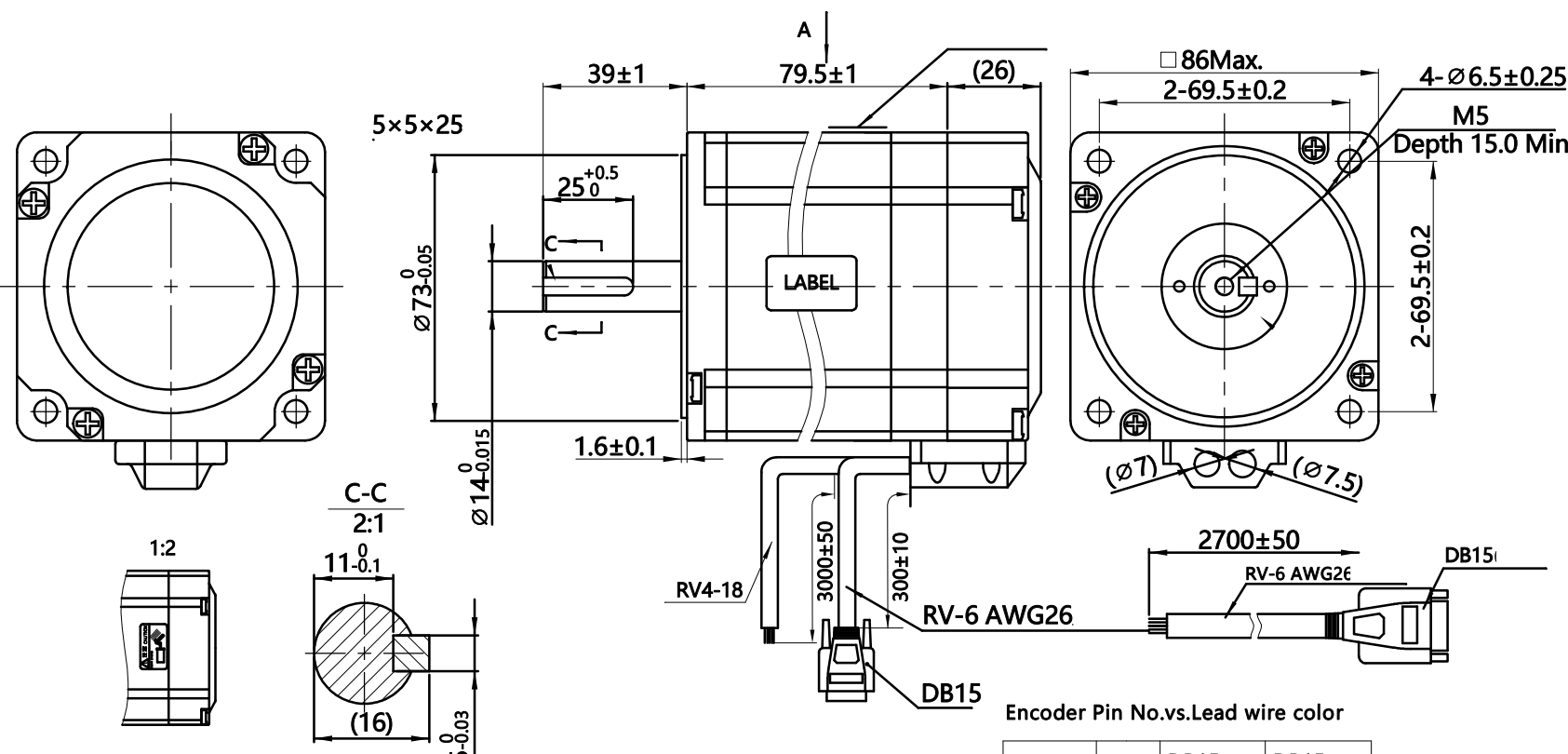


HYBRID STEPPING MOTOR SPECIFICATION

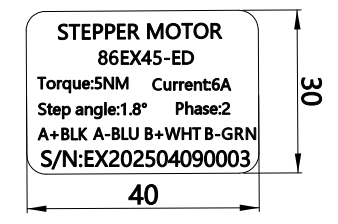


Exciting Sequence vs. Direction of Rotation

STEP	A	B	C	D	CCW
1	+	+	-	-	↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

Clockwise view from mounting side

Label Detail



Encoder Pin No.vs.Lead wire color

Color	TTL	DB15 Pin No.	DB15 Pin No.
/YEL	B+	11	11
/BLK	A+	1	1
/RED	Vcc	2	2
/GRN	B-	12	12
/BLU	A-	13	13
/WHT	GND	3	3

12. Step Angle	1.8°±5%
11. Number of Phase	2
10. Rated Voltage	2.43 V
9. Rated Current/Phase	6 A
8. Holding Torque	5 N.M
7. Detent Torque	- g-cm
6. Phase Resistance	0.6 Ω±0.1(20°C)
5. Phase Inductance	2.6 mH±20%(1kHz 1V RMS)
4. Dielectric Strength	AC 500V/ 1min / 5mA Max.
3. Rotor Inertia	1400 g-cm ²
2. Weight	2.8 kg
1. Insulation Class	B (130°) 80K Max.

Specifications

Comment

CUSTOMER'S MODELNO.		REV.
TITLE	STEPPING MOTOR	
DWG.NO.	86EX50-ED	
MATERIAL	SIZE	A4
REV.	A	SCALE 1:2 SHEET 1 of 1

REV.	ECN NO.	REVISION RECORD	DATE
DESIGN		CHECK	
STANDARD		APPROVE	
TECHNOLOGY		ECN SIGN	