

RIA-37 Series

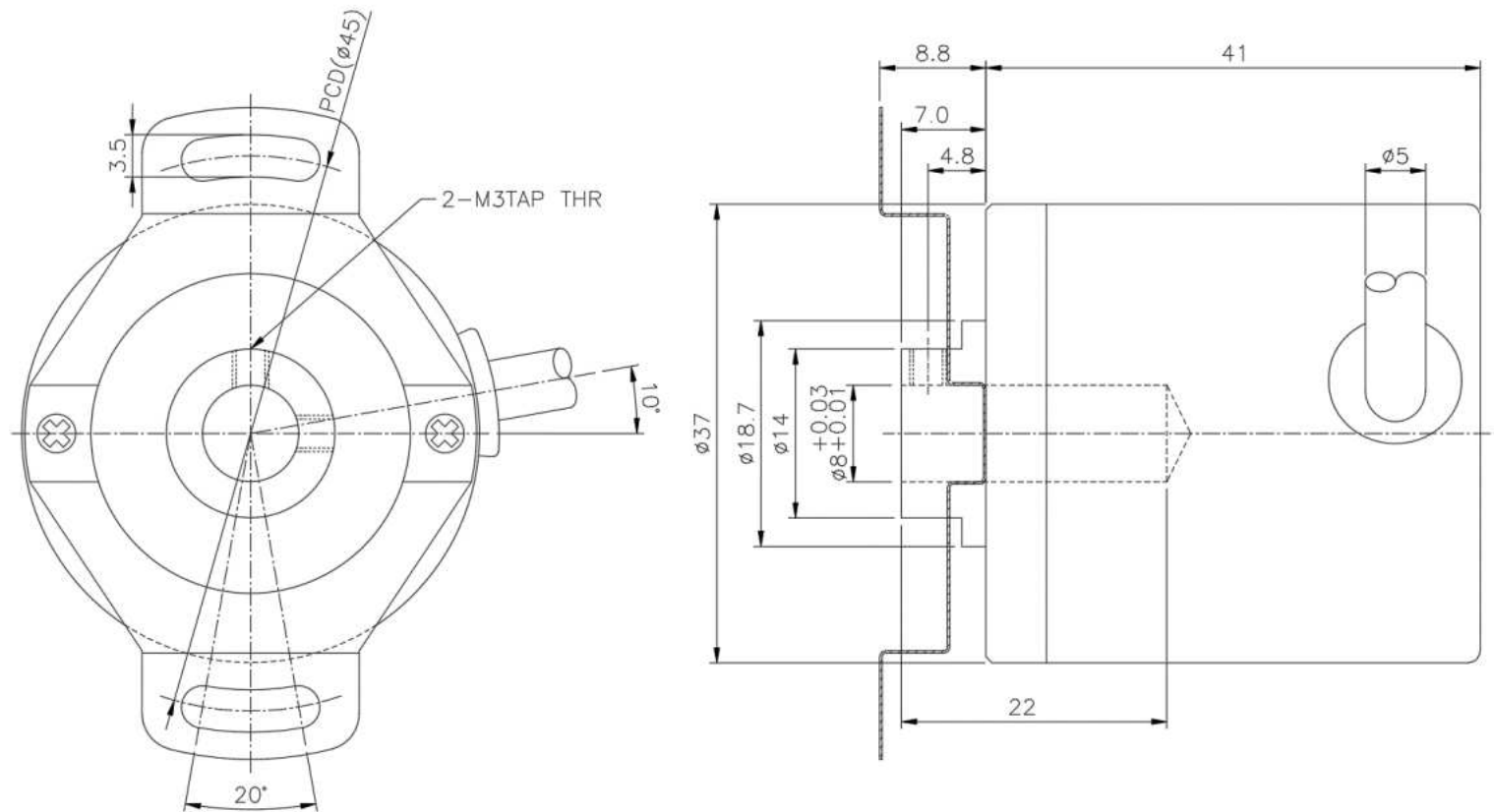
1. OUT Diameter ø37mm Hollow type INCREMENTAL



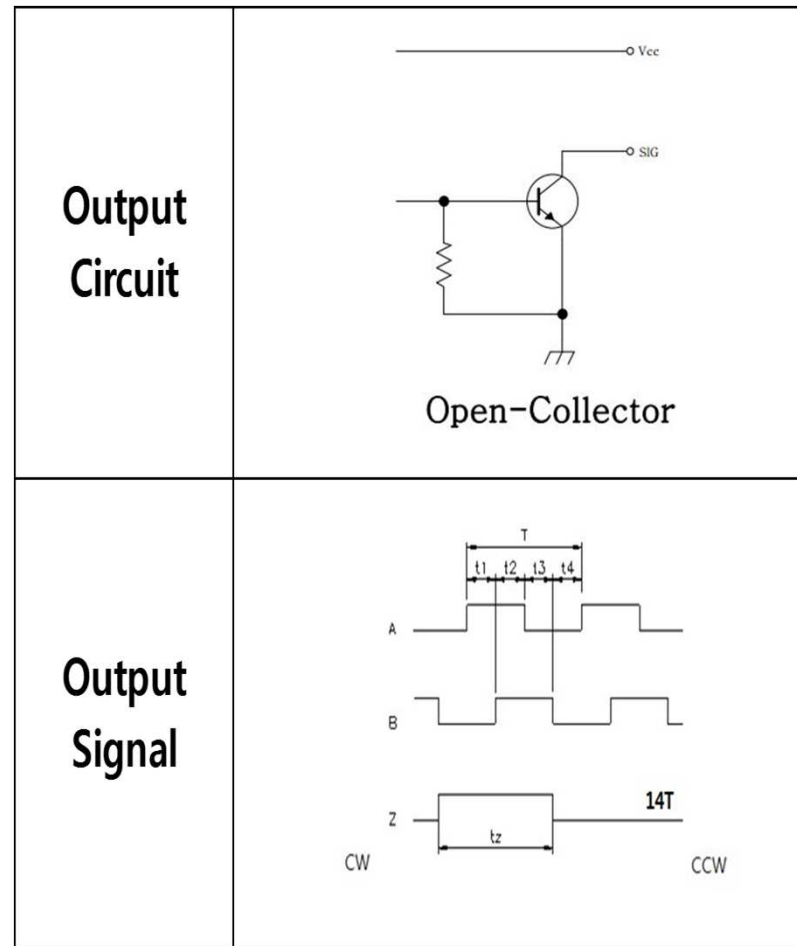
Hollow shaft type
Small & Compact size
Blind shaft
Tz = 14T
Textile Machine

R	I	A	37	1000	Z	O	
Encoder	Code	Shaft type	Outer dia	Resolution	Output signal	Output circuit	Customized product
ROTARY	INCREMENTAL	HOLLOW SHAFT TYPE	37	1000	A : A B : A, B Z : A, B, Z	O : Open Collector	customized

2. Out Diameter



3. Output Phase



4. Electrical Spec

Resolution	1000	
Supply Voltage	Open Collector	VH = 2.7V (DC+5V), 9V (DC+12V), 20V (DC+24V)
Current Consumption	150 mA Max.	
Max. Response Frequency	300 kHz Max.	
Rising / Falling Time	Open Collector	3 μ S

5. Mechanical Spec

RPM.Max	7,000 rpm	
Starting torque	100gf.cm	
Moment of inertia	10gf.cm	
Allowable shaft load	Radial	2.2kg Max.
	Axial	1.0kg Max.
Vibration resistance	10~55Hz / 1.5mm	
Shock resistance	50G / 11msec	
Operation temp	-10°C~+70°C	
Storage temp	-20°C~+85°C	
Protection	IP50	
Weight	150g	

6. Connection Table

Color	Open Collector
RED	Vcc
BLACK	GND
GREEN	A
WHITE	B
YELLOW	Z
BLUE	-
PINK	-
ORANGE	-
SHIELD	F/G