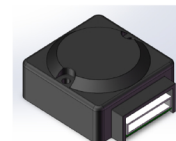
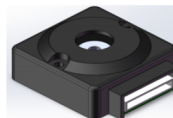


RR28 Series Reflective Encoders

RR28 Series Reflective Encoders

Product Description

RR28 series reflective encoder with PCBA and integrated housing design, with code disc, can output three channels of differential signals ranging from 500~16000CPR.

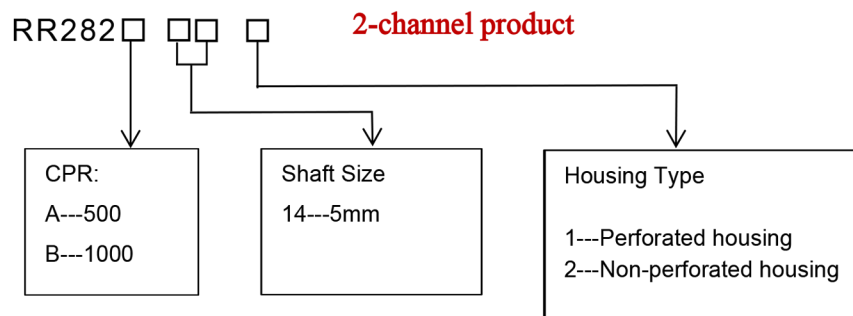
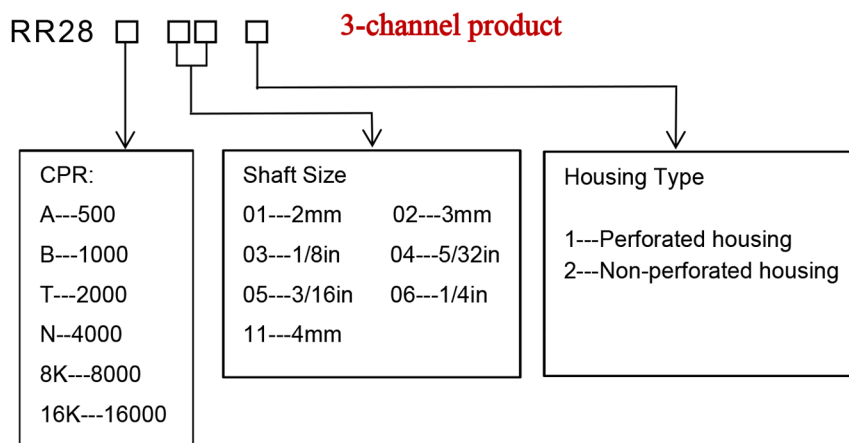


Z signal can be selected from 90°, 180° and 360°, without special instructions, the standard product is 90°.

RR282 series can output two channels of 1000-count differential signals.

This product is suitable for small size DC motor, stepping motor and servo motor.

Product Model



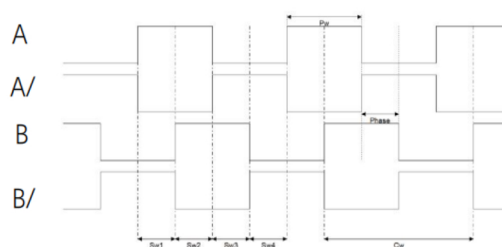
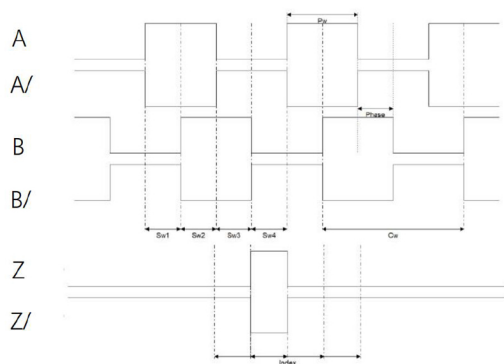
RR28 Series Reflective Encoders

Technical indicators

Supply voltage	3-5V
Maximum speed	11000RPM
Output Method	A、A/、B、B/、Z、Z/
Operating Temperature	-40 °C ~+85 °C

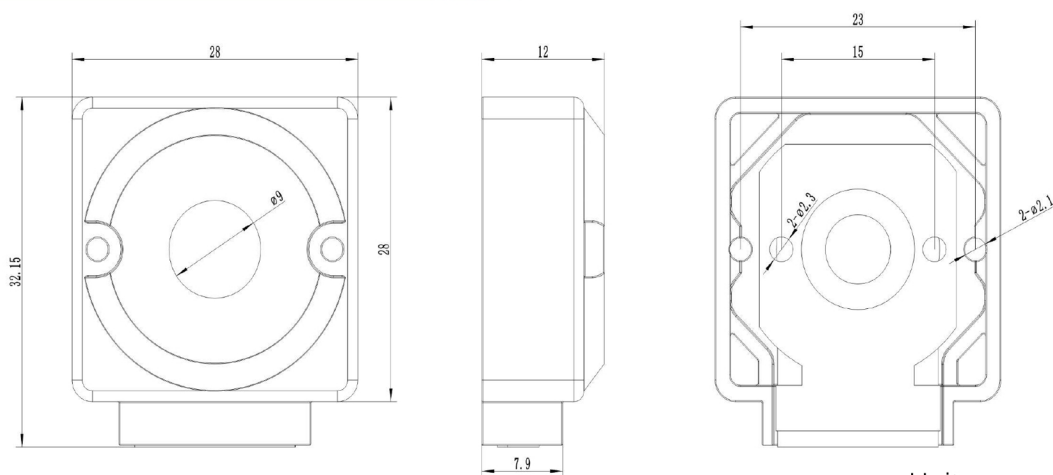
Supply voltage	3-5V
Maximum speed	11000RPM
Output Method	A、A/、B、B/
Operating Temperature	-40 °C ~+85 °C

Waveform Diagram



Waveform during clockwise (CW) rotation

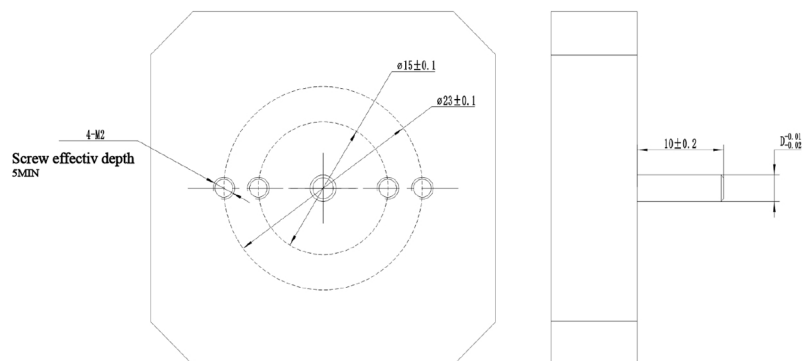
Mechanical Dimension Drawing



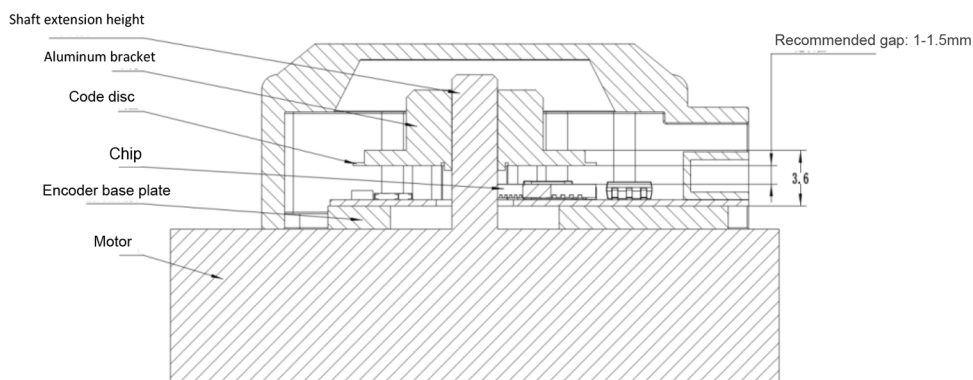
Unit: mm

RR28 Series Reflective Encoders

Dimensions Of Motor End Face and outgoing shaft length

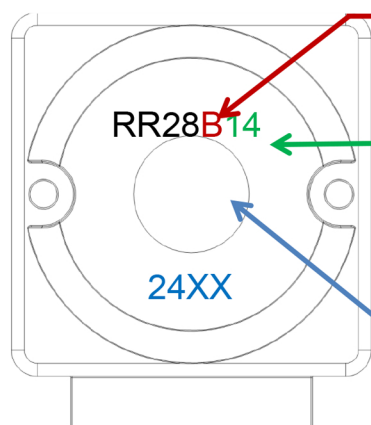


GAP recommendation value: 1.0-1.5mm



Motor shaft axial play $\leq 0.1 \text{ mm}$

Model Print



The sixth and seventh digits represent the shaft diameter size:
 01--2mm 02--3mm
 03--1/8in 04--5/32in
 05--3/16in 06--1/4in
 11-4mm

Fifth delegate CPR:

A--500 16K--16000
 B--1000
 T--2000
 N--4000
 8K--8000

24 represent year 2024

Connector model: GH1.25-1x10P

1	2	3	4	5	6	7	8	9	10
			B-	B+	A-	A+	GND	5V	