

Description:

6V 100/210/300RPM Encoder Motor DC Gear Motor

Fixed Support Mounting Bracket for This Encoder Motor: **Product ID: 1044065****Specification:**

Voltage: DC 6.0V

Speed: 100/210/300RPM

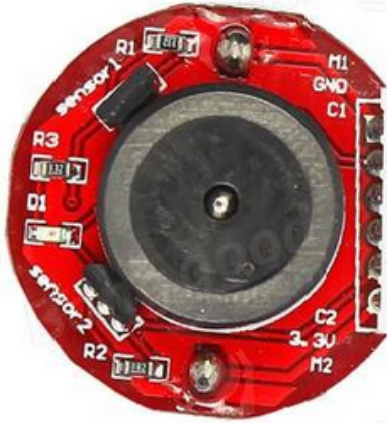
Shaft diameter: 4mm

Length: 12mm

Encoder motor end 11 signals

Terminal connection length 20cm

Rated Voltage	DC 6V	DC 6V	DC 6V
No-load Speed	100RPM 0.13A	210RPM 0.13A	300RPM 0.1A
Max Efficiency	1.0kg.cm/80rpm /1.7W/0.5A	2.0kg.cm/170rpm /2.0W/0.60A	0.7kg.cm/245rpm /1.2W/0.4A
Max Power	3.0kg.cm/55rpm /2.8W/1.0A	5.2kg.cm/110rpm /3.1W/1.10A	1.8kg.cm/160rpm /2W/0.8A
Stall Torque	6.5kg.cm 3.0A	10kg.cm 3.2A	3.6kg.cm 2.7A
Retarder Reduction Ratio	1 : 75	1 : 34	1 : 20
Hall Resolution	11 x Ratio 74.83 = 823.1PPR	Hall x Ratio 34.02 = 341.2PPR	11 x Ratio 20.4 = 224.4PPR



- 1-M1 motor —
- 2-GND Encoder —
- 3-Encoder A phase
- 4-Encoder B phase
- 5-3V3 Encoder +
- 6-M1 motor +

