



Stepping Motor with 2-Phases  
1.8° of Step Angle and NEMA 17 Frame  
(or can be fixed the motors as you required.)

High-Precision Motorized Rotation Stage

**Key Features**

- 1° Graduations on Main Dial
- 100 mm in Diameter of Platform Size
- Continuous 360° Rotation in a Long-Terms Using
- Preloaded Worm Gear Drive Mechanism with Low Backlash
- Optional function: Rotary Encoder, Servo Motor, Home Limit Switch

Motorized Rotation Stage	
Rotation Range	360° in Continuously
Platform Size	Ø 100 mm
Max. Load	50 kg (Horizontal)
Drive Mechanism	Worm Gear
Gear Ratio	180 : 1
Max. Velocity	25°/sec
Min Incremental Motion	0.00125°
Bi-directional Repeatability	< 0.005°
Accuracy	< 0.01°
Backlash	< 0.01°

DRAWING PROJECTION		
NAME	DATE	
DRAWN	JS	2/25/2014
APPROVAL	GW	2/28/2014

