

# Hollow Rotary Actuator, HRP series

## Introduction

Hollow Rotary Actuator, HRP series, features a hollow table that allows inertia-large discs or arms to be installed directly, offers optimized load capacity, torque, speed, and resolution. The compact mechanism can be mounted in any position which are suitable for use in manufacturing, inspection, positioning, research, tracking, and medical applications. It offers the easiest possible installation of rotary table applications. Depending on your application you can choose between servo and stepper motors – with or without built-in (absolute) encoders.

HRP series rotary actuator comes in five frame sizes: 60 mm, 100 mm, 130 mm, 200 mm, and 275 mm.

The rotary actuators can be a combination of servo or stepping motor and turntable. They are ideal for applications featuring an indexing drive. The actuator has an internal speed reduction mechanism ( gear ratio 5, 8, 10 ), which makes high power driving possible.

### HRP series



- Type:** HRP series
- Feature:** Mounted with motor by fix ratio
- Accuracy:** 1 arc min ( Positioning Accuracy )  
10~15 arc sec ( Repetitive Accuracy )
- Size:** 60, 100, 130, 200, 275
- Speed:** 200 rpm ( output )
- Life Time:** 15,000 ~ 20,000 hrs. ( for accuracy )

### HRP-H series



- Type:** HRP-H series
- Feature:** Combined with gearbox by available ratio
- Accuracy:** 1 ~ 2 arc min ( Positioning Accuracy )  
60~70 arc sec ( Repetitive Accuracy )
- Size:** 60, 100, 130, 200, 275
- Speed:** 200 rpm ( output )
- Life Time:** 15,000 ~ 20,000 hrs. ( for accuracy )