

# Production Technology During Development of AC Servo Motor "P" Series

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## 1. Introduction

We report on the following three aspects of production technology during development of AC servo motor "P" series:

- (1) Development of high-productivity method using key technologies
- (2) Short delivery of performance evaluation samples
- (3) Development of production equipment to suit the production process and production method

## 2. Development of High-productivity Method Using Key Technologies

### 2.1 Production of Motor Stator

Using the Stud Method

### 2.2 Method of Manufacturing Stator

Using Thermosetting Resin

### 2.3 Development of Manufacturing Method

Using Connection Piece

### 2.4 Development of Method of Manufacturing

Split Type Stator

## 3. Short Delivery of Performance Evaluation Samples

### 3.1 Reinforcement of Key Technologies

Development Staff

### 3.2 Reinforcement of Prototype

Fabrication Equipment

## 4. Development of Production Equipment Suited To The Production Process and Production Method

### 4.1 Motor Assembly Equipment

### 4.2 Construction of Wire Winding and

Assembly

Line of "P6" and "P8" Servo Motors

## 5. Conclusion



Fig. 4 Spigot made of thermosetting resin