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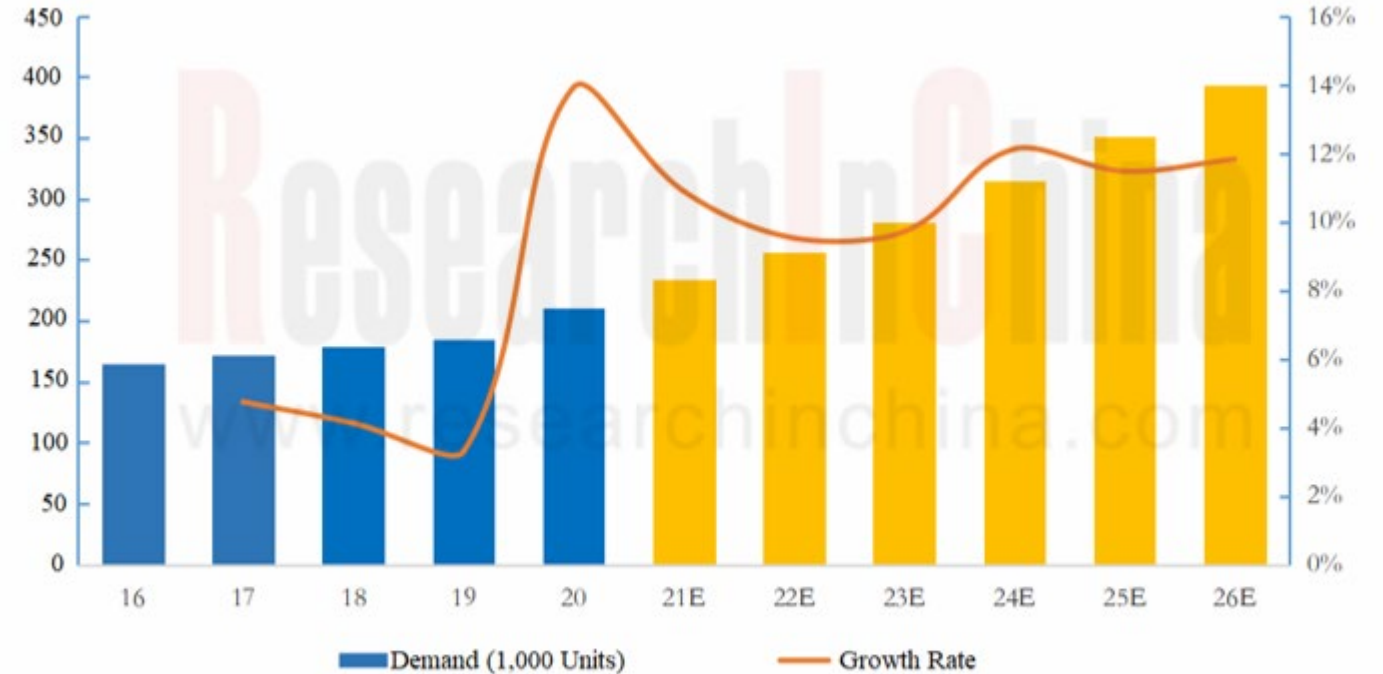
Global and China Industrial Robot Servo Motor Industry Report, 2021-2026

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As the actuator of control system, servo motor is one of the three crucial parts to industrial robot and its development is bound up with industrial robots. Given the slow progress of 3C electronics and automotive industries in recent years, the demand for industrial robots has slowed down, so has for servo motors. The spread of COVID-19 worldwide in 2020 however has enabled all industries to note the value of industrial robots. In 2020, around 211,100 industrial robot servo motors were used in China, 13.3% more than in the previous year.

In future, as industrial automation becomes an effective way for medium and large companies to sustain rapid growth, industrial robots as the pearl of industrial automation will come to the front on the strength of small investment, quick returns and energy saving. Automotive, steel, chemical and other sectors will push on with industrial restructuring with the implementation of the Made in China strategy, which will ease overheated investment and overcapacity in some sectors. The downstream demand is expected to maintain steady increase. The same is true for industrial robot servo motors. It is predicted that the new demand for industrial robot servo motors in China will reach 393,200 units in 2026, showing a CAGR of 4.3% between 2020 and 2026.

China's Demand for Industrial Robot Servo Motors and Growth Rate, 2016-2026E



Source: ResearchInChina

In China, a large number of servo motor players are divided into three camps: Taiwanese and Japanese, European and American, and Chinese brands. The current mid- and high-end servo motor markets of China are monopolized by foreign companies, with the imported products sweeping over 70% of China's industrial robot servo motor market. European and American brands such as Siemens, Schneider and Bosch Rexroth remain competitive in high-end equipment and production lines for their products feature high overload capacity, good dynamic response and high driver openness but with high price, large size and heavy weight. Focusing on cost-effective, high reliability small and medium power products that better meet the needs of Chinese users, Japanese brands like Panasonic, Yaskawa, Mitsubishi and Sanyo have built a stable, loyal customer base, with a more than 50% share of China market. Taiwanese brands, typically Delta Electronics, with performance of products close to Japanese counterparts and prices ranging between Chinese and Japanese products, gain pace in low- and mid-end markets, commanding roughly 10% of China market.

Several Chinese brands already develop servo motors for robots to replace imported ones more quickly, despite lagging behind in servo motor technology that targets low- and mid-end markets. In current stage, Chinese companies are able to produce low- and mid-end highly cost-effective servo motors in quantities, satisfying demand for small and medium and economical products. Examples include Inovance Technology, Estun Automation, INVT, Wuhan Huazhong Numerical Control and GSK CNC Equipment, all which have mass-produced their servo driver and motor products. Although they have yet to provide the full power range of system options just as Japanese brands, the first-echelon Chinese players such as Inovance Technology and Estun Automation have vigorously developed servo motors for robots, winning much more space in the domestic servo motor market.

Global and China Industrial Robot Servo Motor Industry Report, 2021-2026 highlights the following:

- ◆ Industrial robot servo motor industry (definition, classification, industry chain, etc.);
- ◆ Global and China industrial robot markets (size, regional structure, product mix, competitive pattern, etc.);
- ◆ Global demand for industrial robot servo motors, pattern of companies, etc.;
- ◆ China industrial robot servo system and servo motor market (size, demand, product mix, pattern of companies, etc.);
- ◆ 7 global industrial robot servo motor companies (operation, industrial robot servo motor business, and development in China);
- ◆ 10 Chinese industrial robot servo motor companies (operation, development strategy, etc.).

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Beijing Headquarters

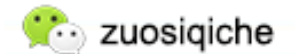
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