



Meet North America's Smaller-Size, Longer-Life, Stainless- Steel Servo Motor Solution

MPW Series motors enable smaller frame sizes to meet application needs.

What makes the MPW, Parker's new stainless steel servo motor series, special? Here are just 8 examples:

- **IP69K anti-microbial seal with slinger.** Prevents intrusion of high-temperature solutions used for washdown up to pressures of 1200 psi.
- **Single-piece front flange.** Front flange is single-piece construction with main housing body. No seam that could allow intrusion of liquids.
- **Potted stator.** Stator is potted directly into the steel housing, creating a very power-dense solution.
- **300 Series stainless steel housing.** The 300 series material withstands the harshest washdown environments. Micro polished round housing allows for quick and easy cleaning.
- **Segmented laminations.** Creates a very high torque to inertia ratio, which supports rapid rates of acceleration.
- **Double O-ring seal.** Used to seal rear motor plate to main housing. Double the protection vs. the use of a single o-ring design.
- **Breather vent.** During washdown, pressure differentiation can cause a vacuum effect that can suck moisture into the motor housing. Our breather vent allows the user to run a hose to a dry air location to prevent this common cause of failure.
- **Cables.** Cables run directly from the housing via IP69K sealed fittings. Cables are terminated with connectors to allow easy plug and play to the most popular Parker drives. Connector options are also available to plug and play with drive solutions offered by other manufacturers.



Parker stainless steel motors are designed to work with the most popular Parker drives, as well as other drives offered in the market today, and are available in North America. For more information, click [here](#).