



## Applications | Case Studies

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### SPYRAFLO BEARINGS DISPENSE VALUE AND EFFECTIVENESS

The Parata RDS (Robotic Dispensing System) is the fastest, most productive and accurate retail robotic dispensing system in the World. Automating dispensing pharmaceutical transactions with 100% accuracy at the rate of 150+ transactions per hour is the benchmark Parata Systems has set in the industry. The Parata RDS can handle up to 65% of a pharmacy's total prescription volume with a process that selects and labels a vial, then counts, caps and sorts a script by patient last name.

The challenge facing Parata designers was to develop a unit which was operationally fast, compact but with high capacity, was quiet, reliable and could be marketed as a gain in productivity. These criteria made them look closely at bearing selection; the Self-Aligning feature on the 0.250" and 0.500" Spyraflo Delrin Flange-Mount Bearings economically contributed to their needs perfectly.

In addition to the wide range of standard Flange-Mount designs available, Spyraflo have produced many special flange design solutions for a wide cross-section of industries and applications. The designs incorporating various flange materials, flange profiles, mounting variables and positioning features. Also, Spyraflo Engineers incorporate the unique Self-Clinching, Self-Aligning bearing features into meeting many special designs.

