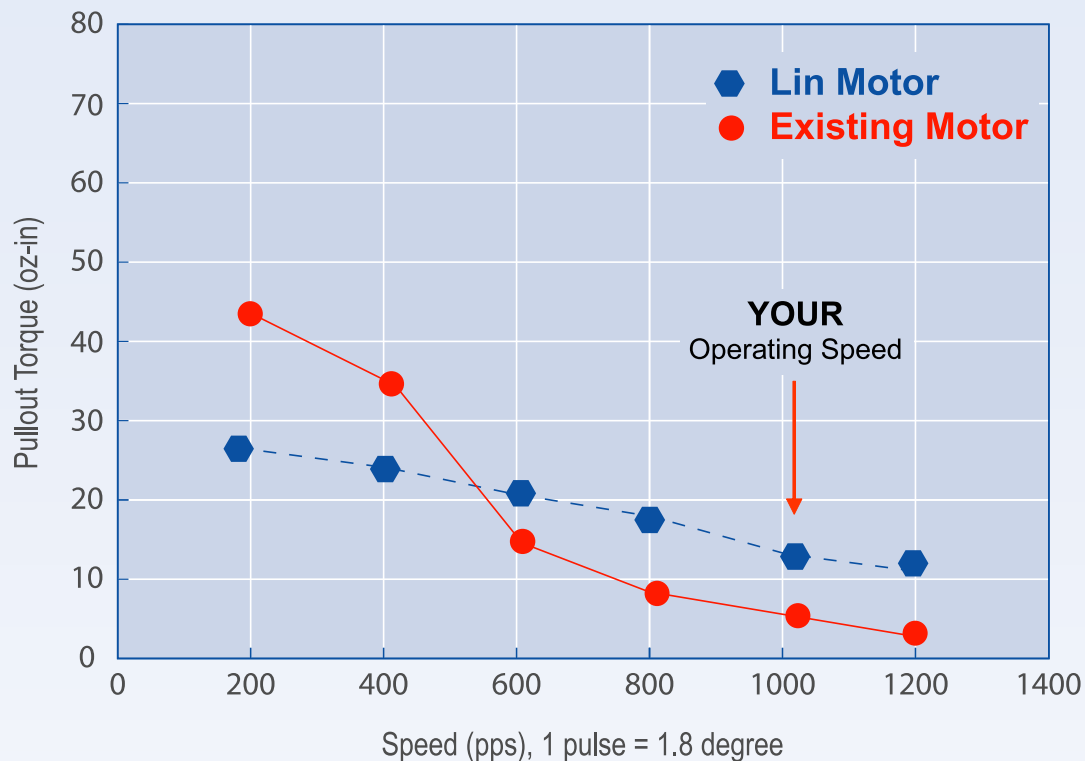


One of the most common issues with selecting the correct motor is getting the right amount of torque. That's how Lin Engineering's ability to Maximize Torque @ Speed can be utilized.

Lin Engineering specializes in maximizing torque at your desired speed. Each step motor is characterized by its speed-torque curve, or, its power output capabilities. Within the constraints of power input and motor size, Lin Engineering can design a motor by manipulating the speed-torque curve to maximize torque in a given area across the speed range. In other words, we design a motor's maximum efficiency at your desired speed. As the technical leader in step motor design, we get it right the first time by maximizing torque at your desired speed – trial and error is not an option.

MAXIMIZE YOUR TORQUE WITH LIN ENGINEERING



This graph demonstrates what “Maximize Torque at Desired Speed” means. The existing motor has a characteristic shown with the red line. The user of this motor had an operating speed of 1000 pps and needed higher torque at that speed. Lin Engineering designed a motor, using the same motor size and power input, and manipulated the curve to output more torque at the crucial point. This crucial point is the user's operating speed.