

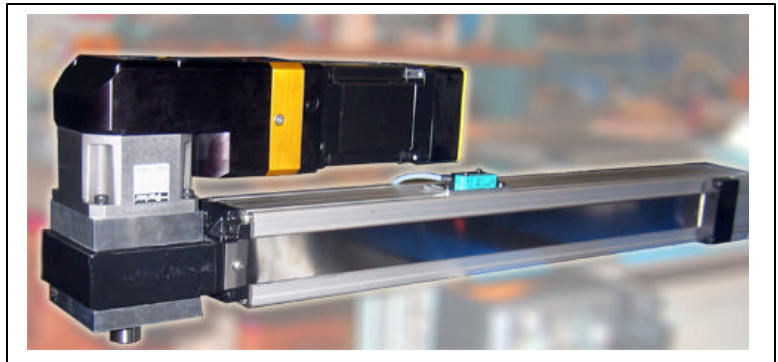


Actuators Offer New Options

Bayside gearheads are now optional on Daedal HPLA and HLE series.

After achieving more than one million cycles under thorough, rigorous testing conditions, Parker's Gen II gearheads are now standard options on the Daedal HPLA and HLE series of belt-driven positioners. The highest-quality solution is now available as a standard configurable part number within each product of the belt drive series.

“With the Parker Bayside gearheads now included in the HPLA configurable, the quote *and* lead time for a total Parker solution have decreased significantly,” says Ben Furnish, product manager for Daedal's linear products. “The Gen II gearheads are also strong enough for direct-drive, unsupported pulleys, which reduce the overall system price.”



The HPLA can move loads 50 meters, while the HLE actuator has a 20-meter range. Both the HPLA and HLE actuators handle speeds up to 5 meters per second, loads to 1,600 kg and generate up to 5,500 N of thrust force. The Daedal catalogs have been updated to reflect the maximum thrust force for the non-supported direct-drive mounting orientations.

What this option means for you:

- Fewer components with less complexity (no need for additional bearing supports for the driven pulley)
- Standard motor kit offering matched to the Parker MU and MV mounting kits
- Shorter lead times

Additional HPLA/HLE features include:

- Up to 50m for rack-and-pinion drive (HPLA180)
- Up to 20m for timing belt drive
- Nominal drive torque up to 244Nm
- Repeatability up to $\pm 0.05\text{mm}$
- High degree of mechanical efficiency
- Independent multiple carriages can be used on one linear actuator for rack-and-pinion drive

These new options have replaced all prior options for gearheads mounted to the HPLA actuators. For more information, please visit parkermotion.com/hpla.html.