

Could linear actuators help improve the efficiency in your industry?

With potential for a variety of applications, Schaeffler P.ACT linear actuators offer high power density and significantly improved energy efficiency compared to hydraulic and pneumatic systems.

Richmond Averill, Linear Product Specialist at Schaeffler UK commented: "Due to their modular flexibility, high performance and improved energy balance, P.ACT linear actuators will attract much interest from UK customers from a variety of industry sectors. In terms of their mechanical performance, the actuators are approximately 20% more effective compared to hydraulic systems and 50% more effective than pneumatic systems. Providing customers with a clear competitive advantage."

P.ACT linear actuators are protected by a rigid, robust, hexagonal-shaped, aluminium housing. They can be configured via a modular design platform, which enables them to be individually optimised for specific applications together with other Schaeffler components. Integrated T-slots along the entire length of the actuator enable flexible fixing options.

With options to suit every application, P.ACT linear actuators can be used as both 'force' actuators and precise positioning systems. Options include an integrated high performance linear measuring system, additional position switches for flexibly setting the switching point, servo motors, and controller with Ethernet and/or digital I/O.

Their unique combination of high performance and high energy efficiency, in such a compact design envelope, allow the P.ACT series to be used in new application areas such as commercial and off-road vehicles. The high performance planetary screw drive and spindle bearing supports from Schaeffler ensure reliable operation even in the most challenging conditions.

Click here for more information: [Schaeffler P.ACT Linear Actuators](#). Or contact Schaeffler UK directly at info.uk@schaeffler.com.

