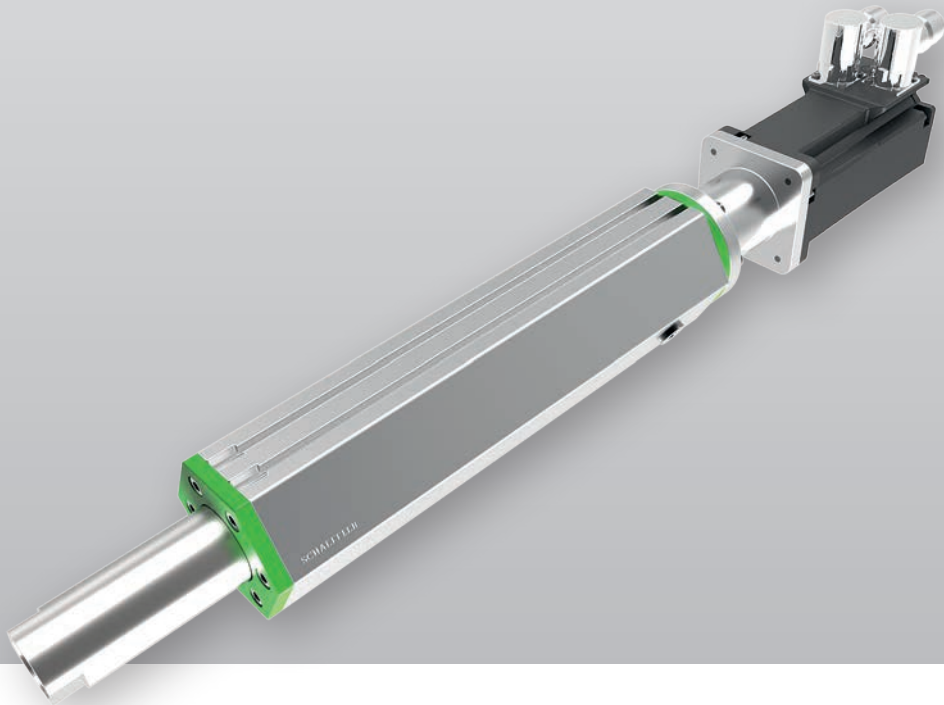


Rolling bearings
Plain bearings
Linear technology
Industry 4.0

P.ACT linear actuators



SCHAEFFLER

P.ACT linear actuators with outstanding power density

The P.ACT linear actuator series offers the perfect platform for every customer requirement. Three basic sizes are available for the performance classes used in many industrial applications.

High-quality Schaeffler components matched to the application ensure the highest levels of power density when used as a high-performance force actuator or as a precise positioning system.

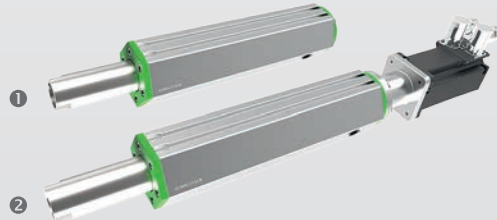
Optional adjustments required by customers can be implemented in just a short space of time thanks to the Schaeffler system platform.

Customer benefits

- Quick initial operation due to plug & play solution
- Freely selectable drive components
- Configurable equipment

Technical advantages

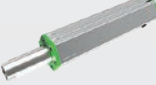
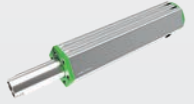
- Outstanding power density
- Downsizing possible compared with conventional linear actuators
- Schaeffler system platform for individual customization
- Improved energy balance compared with hydraulic systems



Extension stages for P.ACT:

- ① Basic version
- ② Version with drive

P.ACT linear actuator series

P.ACT linear actuator	ACT09		ACT15			ACT25			
									
Total length ¹⁾ [mm]	250	350	450	600	750	700	1100	1500	
Max. strokes [mm]	100	200	150	300	450	400	800	1200	
Max. force [kN]	15	9	34	34	15	43	43	21	
Max. continuous force [kN]	5,3		11,3			14,3			
Dynamic load carrying capacity C_{dyn} [kN]	16		34			43			
Max. speed [m/min]	5		5			5			
Cross-section [mm]	a 	95		105			115		
	b 	108		120			132		

¹⁾ Basic length without drive

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Every care has been taken to ensure the correctness of the information contained in this publication but no liability can be accepted for any errors or omissions. We reserve the right to make technical changes.

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