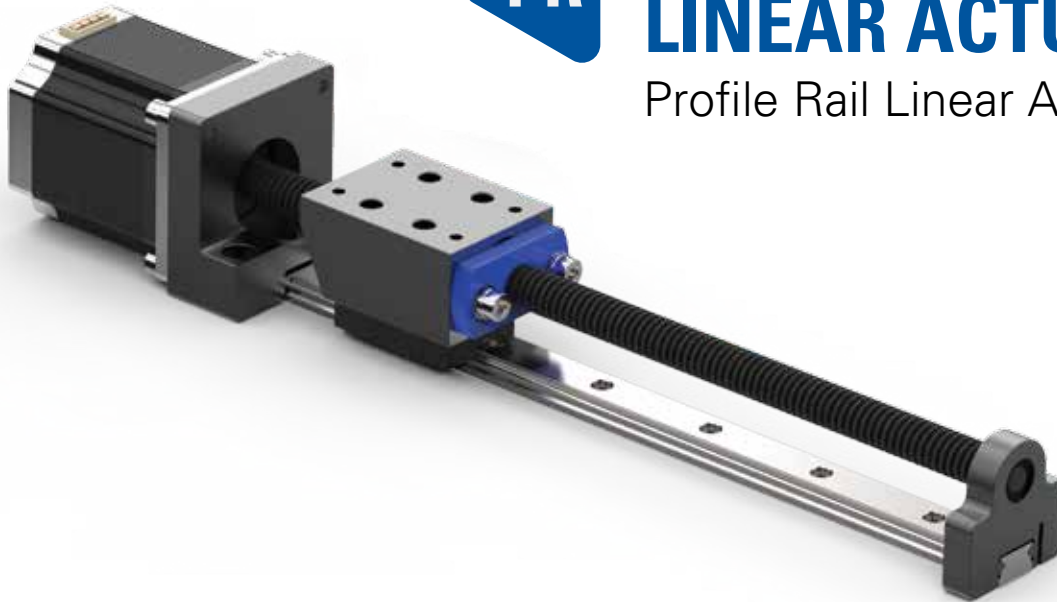




LEAD SCREW LINEAR ACTUATORS

Profile Rail Linear Actuators



PERFORMANCE CHARTS

BASIC SYSTEM PROPERTIES		
Max Velocity, no lube, continuous motion	m/s	3 (requires lubrication)
Max Velocity, intermittent motion	m/s	5.5 (requires lubrication)
Max Acceleration**	m/s ²	250
Stroke Length (min recommended – max)**	mm	5 - 440
Normal Operating Temperatures (min - max)	°C	0° - 80°C
Max Drive (input) Speed	rpm	2000
Standard Lead Screw Accuracy	ISO Class 10 ($\pm .21$ mm/300 mm)	
Carriage Weight (including four SHCS)	Kg	0.115

STATIC AND DYNAMIC SYSTEM PROPERTIES			
Max Static Load* (Supported Rail) Carriage Capacity Only	Fx	N	25
	Fy		5,590
	Fz (Normal)		5,590
	Fz (Inverted)		5,590
Max Dynamic Load of System* (For PBC supplied motor, refer to charts below)	Fx	N	25
	Fy		2,500
	Fz (Normal)		2,500
	Fz (Inverted)		2,500