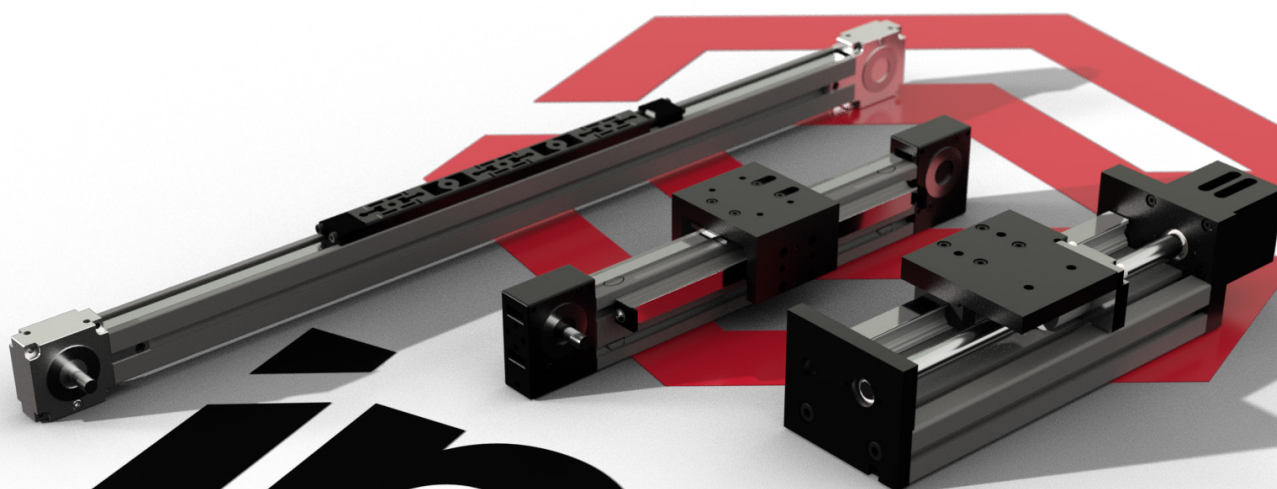




ips

INDUSTRIAL PROFILE SYSTEMS



ips

ACTUATOR SOLUTIONS

IPS LINEAR ACTUATORS



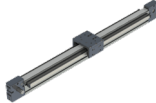







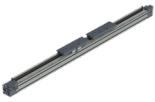






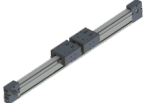






With increasing demand for precision and efficiency, the power of linear actuators cannot be underestimated. These remarkable devices are transforming industries, providing precise and controlled movement in a wide range of applications. From robotics and automation to healthcare and aerospace, linear actuators play a vital role in enhancing productivity and performance.

With their ability to convert rotational motion into linear motion, linear actuators offer a level of accuracy that is unmatched. They provide smooth and reliable movement, enabling machines and systems to operate with unparalleled precision. Whether it's lifting heavy loads or adjusting positions, IPS linear actuators can handle it all, making them a valuable asset for various industries. They also offer improved safety, energy efficiency, and cost-effectiveness.

IPS linear actuators offer horizontal and vertical motion with travel up to 500 feet at speeds of up to 600 inches per second and can accurately handle loads of up to 10,000 lbs.

BELT-DRIVEN SINGLE AXIS LINEAR ACTUATORS

Single axis belt driven actuators with user defined strokes and mounting flexibility in any orientation. Extruded aluminum actuator body with T-slots for ease of mounting. Easy to adjust belt tensioner with one piece machined and stress proof shafted pulley (zero backlash belt to pulley design). Corrosion resistant components with washdown duty or water-resistant options upon request.

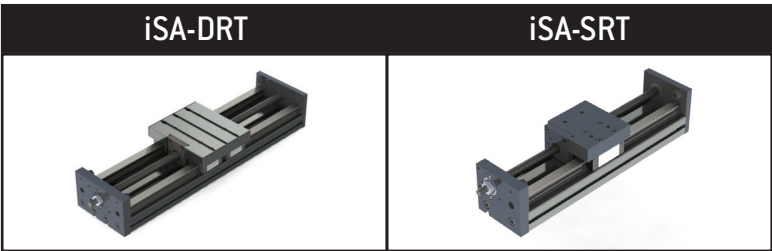
		LIGHT DUTY		STANDARD DUTY		HEAVY DUTY	
PROFILE RAIL GUIDED	SINGLE CARRIAGE	 iSA-R5D	 iSA-R15	 iSA-R6D	 iSA-R6S	 iSA-R2D	 iSA-R20
	DUAL CARRIAGE	 iDC-R5D	 iDC-R15	 iDC-R6D	 iDC-R6S	 iDC-R20	
ROUND RAIL GUIDED	SINGLE CARRIAGE	 iSA-628		 iSA-14S	 iSA-M6S	 iSA-14H	
	DUAL CARRIAGE	 iDC-628		 iDC-14S	 iDC-M6S	 iDC-14H	
UNGUIDED	SINGLE CARRIAGE	 iSA-SB1	 iSA-SB2	 iSA-SB5	 iSA-SBH	 iSA-SB7	

Each belt driven actuator can be supplied with the following items upon request:

- Single axis, belt driven actuators
- User defined strokes
- Mounting flexibility in any orientation
- Easy to adjust belt tensioner
- One piece machined and stress proof shafted pulley
- Corrosion resistant components
- Washdown duty or water-resistant options

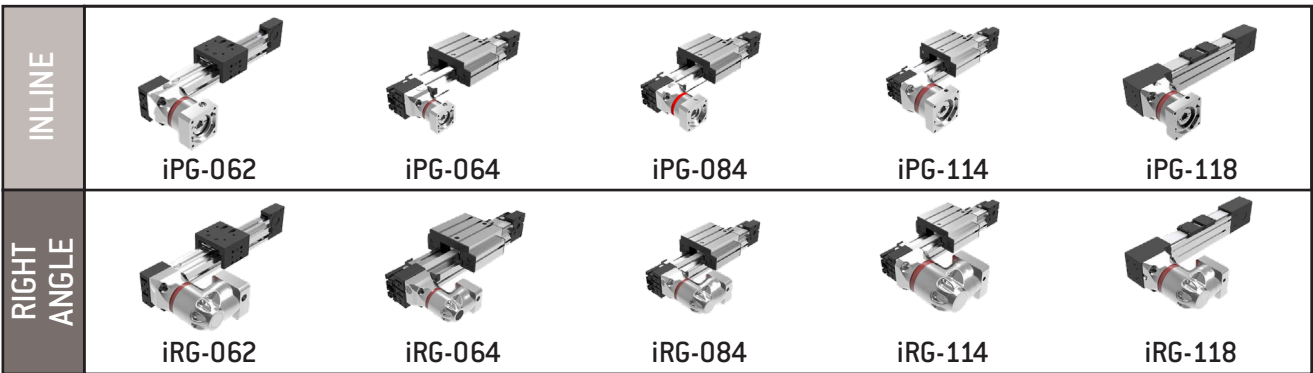
SCREW-DRIVEN LINEAR ACTUATORS

C7 class rolled ball screw actuator with user defined strokes and mounting flexibility in any orientation. Multiple leads available. Extruded aluminum actuator body with T-slots for ease of mounting. Precision ground screws available upon request. Wrap around input system or bellows protection available upon request. For travel requirements over standard values or if you need a dual, multi-axis or custom solution, please contact our engineering team.



GEARBOXES

IPS inline and right-angle planetary gearboxes are designed to eliminate the need for motor mounts used in a typical linear actuator drive system setup. These gearboxes are a direct bolt-on installation for any IPS linear actuator. The design of the gearbox eliminate the need for couplings and large mounting brackets - essentially making the actuator and drive assembly a seamless integral unit.



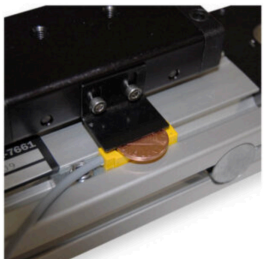
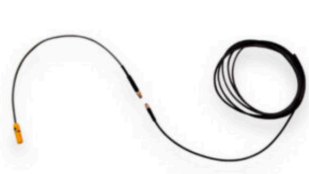
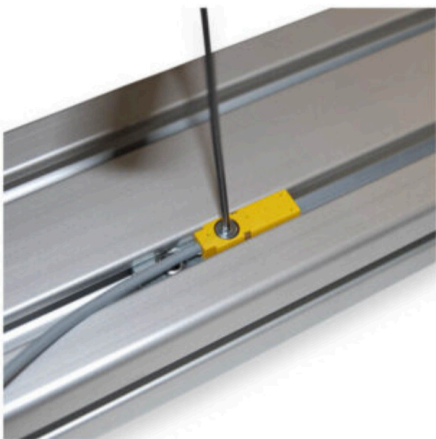
T-SLOT SENSOR KITS

IPS T-slot sensor kits install easily in all IPS actuators, belt drives, screw-driven actuators, and aluminum extrusion. Using T-nut capture and adjustability, our inductive proximity sensors fit perfectly into the actuator beam T-slot and provide a low profile mounting. The cables can be routed through the T-slot producing a clean system.

IPS T-slot sensors are 24VDC and available in PNP and NPN output transistor logic with NO (normally open) or NC (normally closed) configuration. Sensors and mating cord sets meet NEMA 1, 3, 4, 6P and IEC IP67 ratings. IPS T-slot sensors can provide users with limit, position or output signaling back to a control system.

Each T-Slot Sensor Kit Includes:

- Sensor
- Cord Set
- T-Nut w/Set Screws (Long and Short)
- Mounting Screw (M3x10 FHCS)
- Tech Data Sheet and Installation Guide
- Cord-Set Extension (if specified)



FRAMING THE FUTURE



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