



IA Series

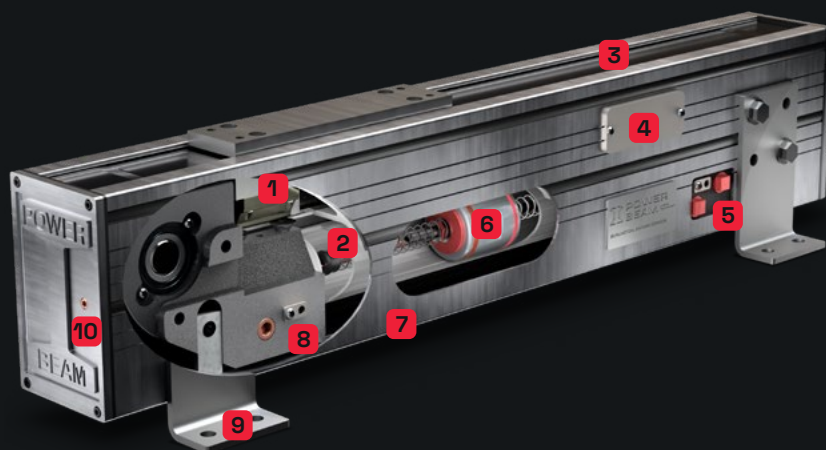
Pneumatic power combined with optimized cushioning delivers fast, long-stroke linear motion for industrial automation applications.

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IA Series

Specifications



*Available in 2.50" and 3.25" bores.

- 1** Load attaches to the plated steel carriage, supported by two full-size linear guides.
- 2** Rigid, high tensile aluminum "I" beam.
- 3** Polyester or stainless steel dust belt protects internal components ("closed loop" design).
- 4** External, easy access to linear bearing lubrication fittings.
- 5** Dual connection ports at one end are standard. Port at each end optional.
- 6** Piston with high-performance bi-directional seal and standard glide ring provides extremely long life. Hard anodized aluminum cylinder tube *available in 2.50" and 3.25" bores.
- 7** Extruded aluminum covers with integral switch mounting, combined with a dust belt, provide an enclosed linear drive, protected from contamination.
- 8** Adjustable cushioning of up to 7 inches to achieve controlled deceleration of load.
- 9** Heavy mounting brackets (plated steel, multi-position).
- 10** Purge port allows application of low-pressure air to further prevent ingress of contamination.

Built for demanding industrial applications, the IA Series actuator combines a high-tensile aluminum I-beam construction with a robust steel carriage to create an exceptionally durable design. For harsh or washdown environments, an optional double cable seal provides industrial-grade protection where standard actuators often fall short. Its fully enclosed, contamination-resistant design incorporates a closed-loop dust belt, purge port, and hard-anodized aluminum tube

to protect internal components. With available stroke lengths up to 20 feet and integrated dual 25 mm linear guides, external bearing supports are eliminated, simplifying machine design while reducing build costs. A large 3.25" bore (*Also available in 2.50") delivers up to 700 lbs of drive force at lower operating pressures, providing greater power and efficiency without increasing air supply requirements.

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