

# Access Control

## Precision Motion for the Future of Secure Access

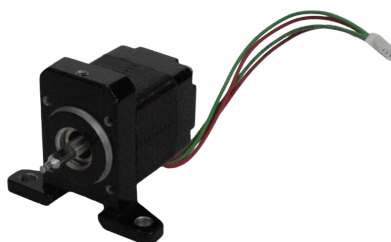
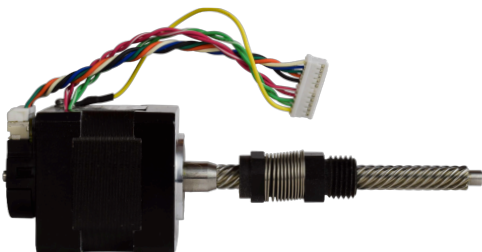
Door locks, exit devices, and access gates all rely on one thing: controlled, reliable, predictable motion. Whether retracting a latch in a panic bar, coordinating delayed egress release, or engaging a perimeter gate, motion quality directly determines system safety, user experience, and certification success.

Haydon Kerk Pittman (HKP) delivers compact, electronically controlled linear actuators and lead screw systems that bring fine, programmable control to modern access hardware - often with lower hold power and quieter operation than classic solenoids. Continuous solenoid operation can lead to heat buildup in door handles and crash bars.

### Access Control & Delayed-Egress Doors

Modern access-control and delayed-egress systems must delay exit, detect tampering, alarm locally, and still unlock instantly during fire-alarm events or power loss. These functions must fit into very tight crash-bar or latch spaces - typically around 50x50mm for bars and ≈20x20mm for compact latches - while keeping noise, heat, and power low.

PFAS free configurations are available to support regulatory requirements and environmental compliance goals.





## Applications:

- Commercial buildings
- Hospitals
- Schools/Universities
- Data Centers
- Cabinet locks

## Needs:

- < 2" stroke
- Minimal footprint
- Reliable Backdrive
- Low-Temp Options
- Custom Housing

## HKP Solutions:

- Hybrid actuators
- Can-stack actuators
- End-of-line testing
- Custom windings
- Rear-exit connector

## Why Leading Access-Control Programs Choose HKP

HKP actuators support advanced locking systems across commercial, medical, and secure facilities, delivering compact, low-current, low-heat with dependable backdriveability and quiet operation. Custom windings, validated backdrive performance, low-temperature configurations, and machine-to-print features enable performance beyond conventional solenoid designs. We also offer sub-assemblies to support compact, system level integration.



**Reliability**  
in harsh and demanding operating conditions



**High precision & repeatability** for stable and predictable motion



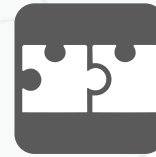
**Compact, lightweight designs** ideal for SWaP constrained aerospace platforms



**Long operational life** reducing maintenance and lifecycle costs

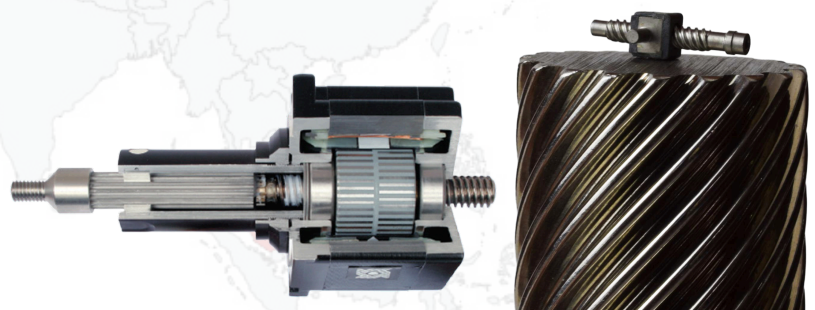


**Custom engineering support** enabling tailored solutions for unique platform requirements



**Designed to meet A&D standards** including rigorous qualification processes

These advantages, combined with our seasoned motion solution experts, global footprint, and unbeatable quality make HKP a dependable choice for simplifying your most complex motion projects.



[www.haydonkerkpittman.com](http://www.haydonkerkpittman.com)

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