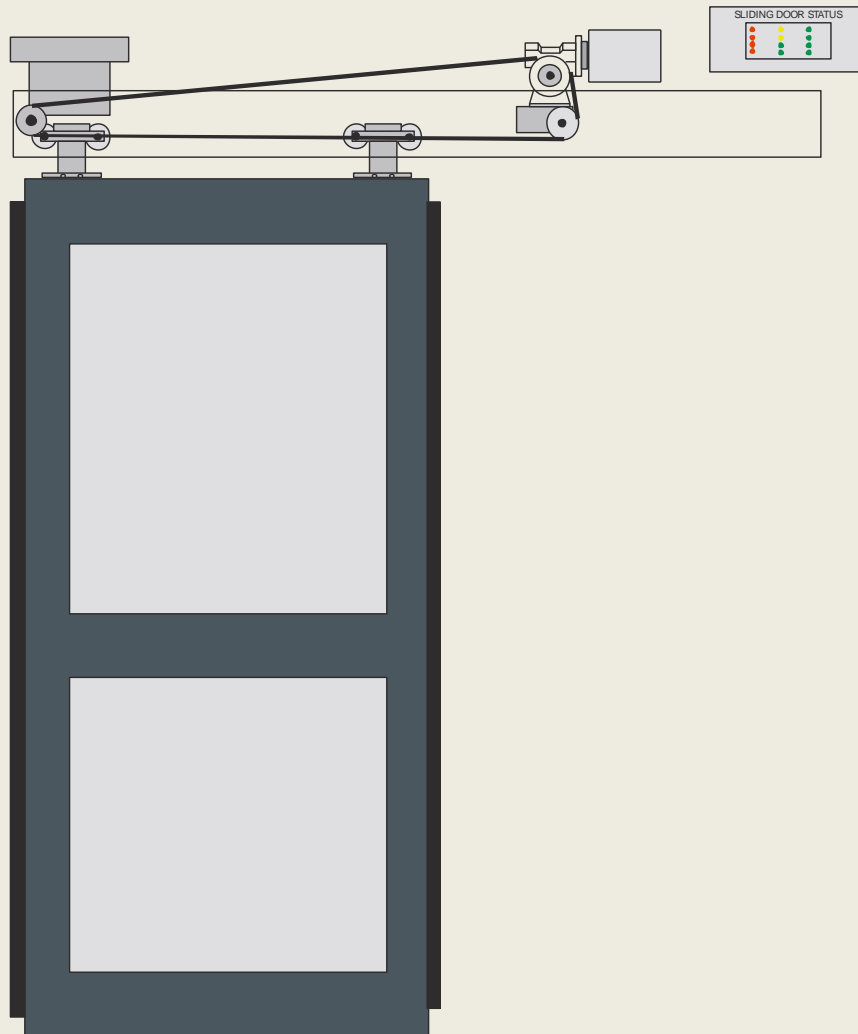


Sliding Door Drive



Tough Reliable Drive Electric Sliding Door Drive

Replaces Ageing Hydraulic Systems

FEATURES

- NOMS compliant
- Includes 'Safe Edges'
- Established HMPS user base
- Compatible with Locking Systems
- Compatible with Security Management Systems
- Integral Intelligent Test Box
- Optional Engineer's Test Terminal
- Simple reliable drive mechanism for doors of up to 250Kg
- Replaces aging hydraulic door drive systems

NOMS COMPLIANT

The Folknoll electric pedestrian sliding door drive is fully NOMS compliant and is suitable for use on HMPS, Police Service sites and similar high security establishments.

RELIABILITY

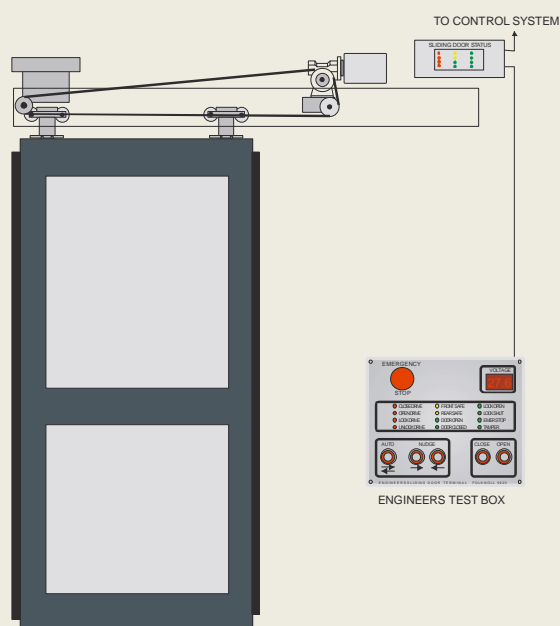
The Folknoll electric pedestrian sliding door drive is based on a simple, robust, well-proven design offering long-term reliable cost effective operation.

SYSTEM INTEGRATION

The drive mechanism is fully compatible with Locking and Security Management Systems.

SAFETY

The electric sliding door is supplied with an Intelligent Test Box, (usually mounted in the pelmet). The Intelligent Test Box displays the status of the drives relays and sensors, and allows the connection of an Engineer's Test Terminal for local testing during commissioning and maintenance.



The Engineer's Test Terminal isolates the door drive from the control system.

Prevents accidental remote operation during maintenance.

The Engineer's Test Terminal allows local drive control without affecting control system interlocks.

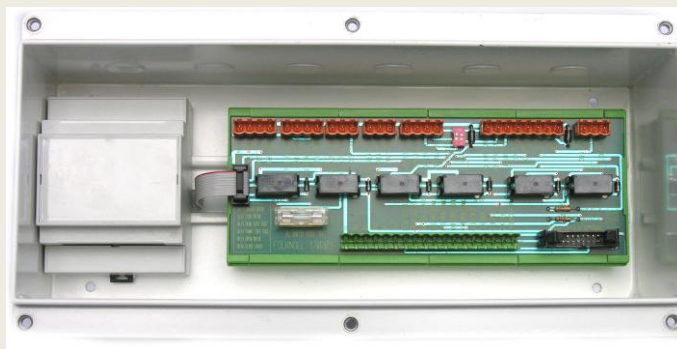
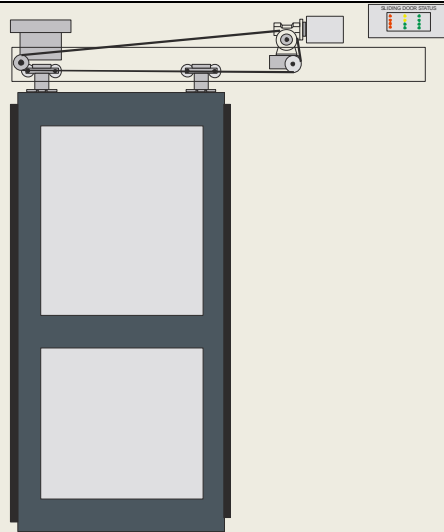
Reduces disruption of normal security system operation.

The Engineer's Test Terminal displays control system drive status and door sensor status.

Reduces down time and costs during maintenance and servicing.

DESCRIPTION

The Folknoll Electric Pedestrian Sliding Door Drive has been designed for use in H.M. Prison Service and similar institutions and fully compatible with Home Office specifications. The drive is intended as a 'safer' alternative for traditional hydraulic powered doors. The drive can be used to replace existing hydraulic mechanisms or in new installations. The drive will accommodate heavy duty high security glazed doors of up to 250Kg with ease. The drive's rugged yet simple design provides long-term reliable operation, simplifies routine maintenance and component replacement, reducing lifetime costs.



INTELLIGENT TEST BOX

Each sliding door drive is connected to the control system through an Intelligent Test Box, (normally mounted within the pelmet). The Intelligent Test Box acts as a cable termination box joining the system cabling to the door electronics, provides a door status display and allows for simple connection of an Engineer's Test Terminal.

STATUS DISPLAY

The Intelligent Test Box status display shows the status of the sliding door drive relays and sensors to aid system diagnostics.

Door Status Indicators

- | | | |
|----------------|---------------|---------------|
| ● Close Drive | ● Front Safe | ● Lock Open |
| ● Open Drive | ● Rear Safe | ● Lock Shut |
| ● Lock Drive | ● Door Open | ● Emerg. Stop |
| ● Unlock Drive | ● Door Closed | ● Tamper |



ENGINEER'S TEST TERMINAL

Folknoll offer an optional Engineer's Test Terminal which connects into the Sliding Door Drive Intelligent Test Box. The door is isolated from the main control system preventing inadvertent operation of the door when an engineer is working within the pelmet. **This is a significant and Health and Safety benefit.** The Engineers test terminal allows local operation of the door drive and mimics the LEDs on the Intelligent Test Box

THE DRIVE MECHANISM

Single heavy duty 20mm wide drive belt.



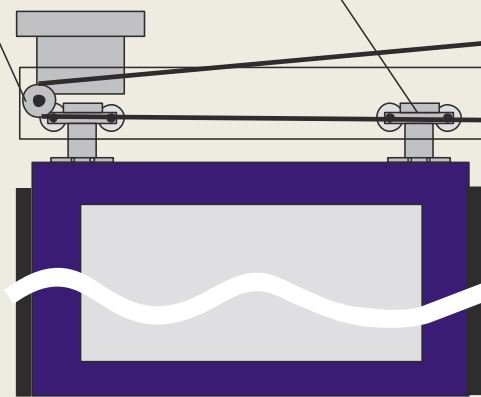
All metal suspension system. Trolleys run on case hardened bearings.



0.2 Kw Electric Motor and Gearbox with adjustable torque limiter.



Intelligent Test Box. Full LED indication of door status.



Aluminium extruded track allows trolleys to be removed from either end.



Engineers Test Terminal. Enables local operation for routine maintenance.

DESIGNED FOR LIFE

At Folknoll all equipment is designed by experience engineers for ease of installation and operation. Our long experience with high security equipment has enabled us to produce robust reliable equipment suitable for the toughest environment.

CUSTOM UNITS

Folknoll is a customer focused company. If you need special software features, custom made units or larger systems, then please contact Folknoll to discuss your requirements.

FURTHER INFORMATION

Please contact us for further information about the wide range of Folknoll products and systems.

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