

ES8200 Technilock®



Lockwood Padde Series ES8200 Technilock is a high security locking solution with comprehensive resistance against all types of attack and manipulation. Originally designed and developed for custodial purposes, the Technilock is in use today in government institutions, banks, embassies and jewellers.

ES8200 is available in 30mm and 60mm backset, in both Power to Lock or Power to Open configuration. Key override monitoring version is also available.

Features

- Side load (pre-load) capable – bolt will release with up to 70kg of side pressure – ideal for use on doors with seals or doors that are subjected to high wind load or air-conditioning pressures
- Extreme holding force – will withstand more than 2500kgs, the test rig manufactured to test the bolt broke at 2500kg so the bolt will withstand more than this

- Power to Lock and Power to Open (must be specified) versions available on request. The bolt is not interchangeable in the field and configuration must be specified when ordering
- High speed operation – locks in less than 1 second
- Multiple orientations – can be mounted horizontally or vertically
- Comprehensive monitoring – bolt locked, door closed, optional key-override monitoring
- 5 Year Tricare Warranty (Padde Series)




Applications

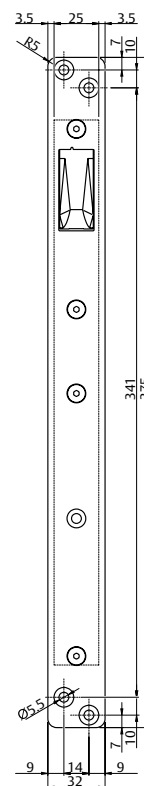
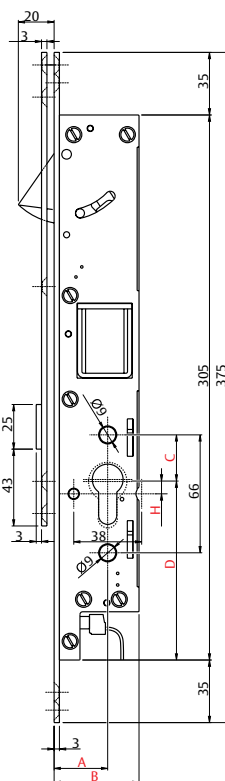
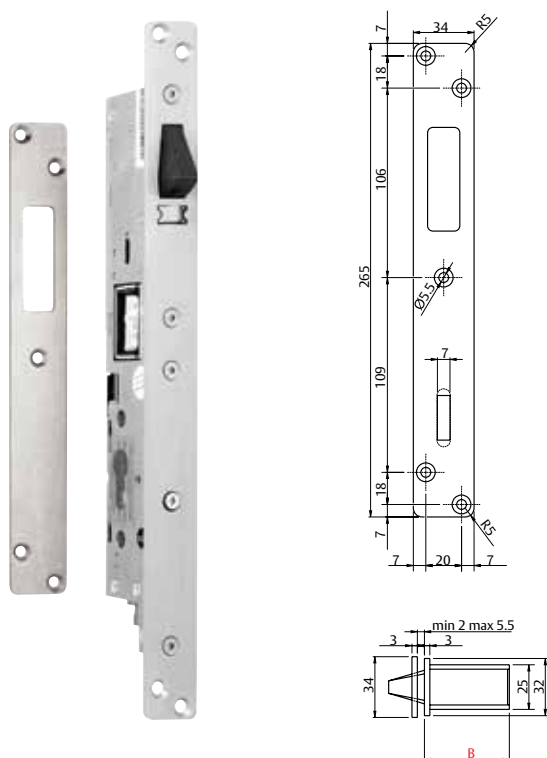
- High security locking
- Government applications
- Custodial applications
- Banking and security applications

Product Details

Voltage	3 wire control - 24Vdc regulated supply only
Current	Start current 4.5 Amp (24Vdc) for ½ second Holding current 500mA (24Vdc)
Monitoring	Bolt position 25mA (30Vdc) NC - Door position 25mA (30Vdc) NC
Holding Force	In excess of 2500kg holding force
Pre Load	Will open with 70kg of side pressure (pre-load)
Bolt Throw	Dead Bolt throw of 20mm
Door Clearance	Maximum door gap = 5.5mm
Environment	Operational temperature range: -20°C to + 80°C
Lock Body	Solid Stainless Steel Construction
Lock Bolt	Solid Stainless Steel

Standards and Compliance

	CE Approved SCEC Endorsed for SL3 Medium Threat level areas
	RCM Certified
	Successfully fire rated up to 4 hours on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire Resistant Doorsets)



Dimensions - 30mm Backset

Dimension	Backset
A	30
B	47.5
C	25
D	101
H	8

Ordering Information

Part Number	Product Description
118203-010	ES8203 24Vdc Technilock Fail Safe 30mm
118203-011	ES8203 24Vdc Technilock Fail Safe 60mm
118204-010	ES8204 24Vdc Technilock Fail Secure 30mm
118204-011	ES8204 24Vd Technilock Fail Secure 60mm
Accessories	
228200-000	Optional Security Escutcheon for ES8200 High Security Bolt

Specification Statement

The lock must be capable of side pressure and with an overall holding force not less than 2500kgs. Also with side load pressure under pre-load conditions up to 70kg. The lock could be mounted both horizontally or vertically. It also must be monitored in the following ways; bolt locked, door closed, with an optional key-override.