

**SECURITY RATED  
LPS CERTIFIED  
ROLLER SHUTTERS**

**Ascot Doors**

**A300 Series**

LPS1175 Security Rated Roller Shutters

**OVER 40 YEARS OF EXPERIENCE IN DOOR SERVICES**



# THE ASCOT CENTURION RANGE

A305 Centurion LPS1175 SR1  
A310 Centurion LPS1175 SR2  
A311 Centurion LPS1175 SR2 (Insulated)  
A315 Centurion LPS1175 SR3  
A316 Centurion LPS1175 SR3 (Insulated)  
A321 Centurion LPS1175 SR4

**Ascot Doors**

**A300 Series**

LPS1175 Security Rated Roller Shutters

## ENHANCED SECURITY ROLLER SHUTTER SOLUTIONS FOR INDUSTRY, RETAIL AND COMMERCE

Where higher levels of security are desirable to property developers, or concern for end user operators, the Ascot range of high security Roller Shutter solutions provide peace of mind and protection for people, goods and equipment.

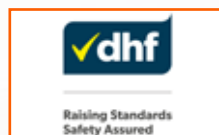
Approved and certified to LPS1175, the internationally recognised security standard, the Ascot Centurion Series of Roller Shutters resist attempts at forced entry, with options to satisfy various demands. From SR1 - opportunist attack with light gauge manual hand tools - right through to SR4 - powered hand tools - the Ascot range helps to delay and resist. From the chancers through to determined professional assailants - Ascot help you fight back.

Ascot Doors' Security Rated Roller Shutter are certified to third party, accredited standards covering LPCB and Secure by Design, for complete peace of mind.

**Irrespective of where in the world your Shutters are required,  
or what you're trying to protect...  
Your products and people are in safer hands with Ascot.**

### THE COMPLETE SERVICE YOUR BUSINESS DESERVES

All Shutters Made To Measure, Specific To Opening  
Comprehensive Design Support  
Internationally Recognised Manufacturing Quality  
CE And UKCA Conformity



**OVER 40 YEARS OF EXPERIENCE IN DOOR SERVICES**

# MECHANICAL CONSTRUCTION

Highly versatile and cost effective, the Ascot centurion series of security roller shutters are individually designed and manufactured to suit the specific opening. Combining heavy duty hardware with a variety of sleek lath constructions, Ascot achieve the highest quality through ISO accredited manufacturing processes and dedication to excellence - each time, and every time.

Various Curtain options and Guide Sections are available for each security arrangement, all designed to achieve the level of security rating required for the facility and application.

## CURTAINS

Shutter curtains are constructed from either traditional steel laths, extruded aluminium lath or galvanised insulated lath, dependant upon the security rating required. All curtains are securely held using an end lock to suit the curtain configuration, which prevents lateral movement. All Ascot shutter curtains are supplied complete with either a heavy duty steel rolled section, or mill finished extruded aluminium bottom rail. Optional powder coat finish in any colour from the Ascot standard range.

## GUIDES

Vertical guides are formed from rolled steel or extruded aluminium, dependent upon size, wind loading and security rating required. Guides are supplied with suitable angles for fixing back to the building structure.

## ENDPLATES

Mild steel endplates of appropriate thickness relative to door size are supplied with angles for fixing to the structure. Commonly 5 mm thick (min) for tube motor operation, or 8 mm (min) thick primed steel, laser cut endplates for direct drive operation are provided, designed to accept the barrel and curtain assembly specified. Endplates are supplied complete with either galvanised steel tube motor brackets and mechanical safety brake, or high quality two bolt flange bearings.

## BARREL

The barrel assembly is constructed from steel tube, with diameter specified to suit the finished shutter size and weight. Resistant to deflection, and supported by custom fabricated bearings or 'cups' which are fixed to the endplate construction.

## COMMON AREAS OF APPLICATION

- Banking And Financial Facilities
- Distribution & Logistics
- Retail Stores
- Multiple Occupancy & Self-Storage Units
- Medical & Pharmaceutical Production
- Sports Stadia
- Hospitality
- Power Grid And Plant Rooms
- Waste and Recycling Infrastructure
- Energy Production Facilities
- Shopping Centres & Retail Parks
- Defence Infrastructure
- Chemical Storage
- Critical Infrastructure
- Hospitals & General Practice
- Education and Training



**Ascot Doors**

**Centurion Series**

LPS1175 Security Rated Roller Shutters

**LPCB Certificated**

## SECURITY RATING CLASSIFICATION



### TOOL CATEGORIES A-D

#### Summary

|            |                                                                                                                                             |     |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Category A | Basic Hand Tools:<br>Screwdrivers, Allen Keys, Knives, Pliers                                                                               | SR1 |
| Category B | Cat A + Heavier Duty Hand Tools e.g<br>Bolt Cutter, Claw Hammer,<br>Junior Hacksaw, Pipe Wrench                                             | SR2 |
| Category C | Cat A & B + low voltage power tools e.g<br>Axe, Chisel, Pad Saw, Crowbar,<br>1.8 kg Hammer, Hacksaw, 12v Drill,<br>Gas Torch, Scissor Jack, | SR3 |
| Category D | Cat A, B & C + mid duty power tools e.g<br>Lock Puller, Fire Axe, Grinder,<br>Hole Saw, Hooligan Bar,<br>Sledgehammer, Plate Shears         | SR4 |



**OVER 40 YEARS OF EXPERIENCE IN DOOR SERVICES**

# POWERED OPERATION

All models in the Ascot Centurion series are certified with powered operation. Combining heavy duty hardware with a variety of sleek lath constructions, Ascot achieve the highest quality through ISO accredited manufacturing processes and dedication to excellence - each time, and every time.

Various Curtain options and Guide Sections are available for each security arrangement, all designed to achieve the level of security rating required for the facility and application.

## DRIVE UNITS



### Direct Drive Motor

Mounted Directly to Shaft  
Sited outboard of End Plates  
Emergency Hand Chain Override  
Integral Anti-Fall Back Device



### Indirect Chain Drive Motor

400v motor mounted separately - linked by chain to a sprocket on Shutter Drive shaft.  
Emergency Hand Chain Override  
Required mechanical Brake to Shutter



### Tubular Motor

Mounted inside Barrel  
Concealed within Construction  
Emergency Hand Crank Override

Low cycle operation  
Infrequent use  
230/240v 1ph  
Low weight constructions only

Mechanical anti-fall brake device is required to Roller Shutter.

c. 50,000 cycle operation 400v 3ph

Option - 240v 1ph dependent on size, weight and duty cycle.

## PRIMARY CONTROL UNITS

### Direct and Chain Drives Units



### Hold to Run Operation

Basic Control Panel  
Up/Stop/Down Buttons  
Continuous Pressure to Operate  
Polycarbonate Casing  
Cycle Counter

No additional safety devices required:  
Push button operative is responsible for monitoring for hazards during closing.



### Single Touch Self Close

Enhanced Control Panel  
One Touch To Close (Impulse Closing)  
Up/Stop/Down Buttons  
Polycarbonate Casing  
Cycle Counter

Safety devices are required:  
Safety edge to bottom rail mandatory.

Photocell/ Light Grid (or similar) to door line.

### Tubular Motor Drive Units



### Hold to Run - Key

Keyswitch Station  
Up/Stop/Down  
Continuous Turn to Operate

No safety devices - operator at the keyswitch station responsible for movements.



### Hold to Run - Button

Simple Push Button Station  
Up/Stop/Down  
Continuous Pressure to Operate  
Polycarbonate Casing

No safety devices - operator at the push button station responsible for movements.

### Fully Automated Closing

Safety devices are required:  
Safety edge to bottom rail mandatory.

Photocell/ Light Grid (or similar) to door line.

Works in conjunction with remote activation devices - see product activation options.

Control panel option - receive signals from 3rd party access control systems for remote opening and closing.

Option - Automatic, timed closing - up to 4 minutes after reaching fully open status



## Ascot Doors

### Centurion A305

LPS1175 Security Rated Roller Shutters

LPCB Certificate: 131f/01  
131f/03

## THE SAFEST CHOICE FOR SECURITY SHUTTERS



### Ascot Centurion A305 for LPS1175 SR1

Ideal where applications require a lower level of security enhancement, and compliant with Secure by Design best practice, Ascot A305 is the obvious choice. Single skin curtain construction is easy to integrate into the building envelope, ideal for areas with limited headroom above openings.

#### Curtain Options

Unlike higher security options, various curtain configurations are available, including perforated lath (steel only) and punched lath (Aluminium only). Punched lath can be supplied with single pane perspex vision infills, as an option, to allow introduction of glazing elements - maximising natural light inlet, whilst still achieving the security standard required.

#### Operation

The method for opening and closing Security shutters depends upon the weight and size of the curtain, and operational needs. Powered option is three phase as standard, to accommodate the full range of mechanical options, via a small profile push button operating panel at low level. Single phase shaft mounted drives and barrel concealed tubular motors are available options, subject to size and weight of the complete, finished Shutter.



**OVER 40 YEARS OF EXPERIENCE IN DOOR SERVICES**

# Ascot A305 Centurion - LPS1175 SR1

A305S & A305A

| Material                  |                    | A305S Steel                                                                                                                  |                     | A305A Aluminium                                                                                      |                     | Reference Information                                                                                                                          |   |                                    |    |
|---------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------|----|
| Curtain                   |                    | 76mm Solid Concave Lath<br>Galvanized<br>Single Skin<br>BS EN10346                                                           |                     | 66mm Flat Lath<br>Aluminium Mill Finish<br>Single Skin<br>Alloy 6063 T6                              |                     |                                                                                                                                                |   |                                    |    |
| Bottom Rail               |                    | Galvanized Steel<br>Heavy Duty Rolled T-Rail                                                                                 |                     | Aluminium Milled<br>Heavy Duty T-Rail                                                                |                     |                                                                                                                                                |   |                                    |    |
| Curtain Option            |                    | Perforated<br>Punched Lath<br>Glazed                                                                                         | ✓<br>X<br>X         | Perforated<br>Punched Lath<br>Punched Glazed                                                         | X<br>*<br>**        | Perspex Glazing 50x1 Flat                                                                                                                      |   |                                    |    |
| Finish                    |                    | Galvanized Steel<br>*Std Powder Coat<br>*Marine Grade PPC<br>**Special PPC                                                   |                     | Aluminium Mill Finish<br>*Std Powder Coat<br>*Marine Grade PPC<br>**Special PPC                      |                     | Natural finish as standard<br><br>Powder Coating to any Ascot Std RAL<br>Classic or BS Std Colour Code                                         |   |                                    |    |
| Certified Sizes (mm)      |                    | Min Width<br>Min Height                                                                                                      | 1000<br>1000        | Max Width<br>Max Height                                                                              | 7000<br>7000        | Applicable to both Steel and<br>Aluminium models                                                                                               |   |                                    |    |
| End Plates                |                    | 8mm Laser Cut Mild Steel<br>5mm - Tube Motor Only                                                                            |                     |                                                                                                      |                     |                                                                                                                                                |   |                                    |    |
| Guides                    |                    | 2.5 x 65 Galvanized Steel<br>75x50x5 Guide Angle                                                                             |                     | 90x50 Aluminium<br>75x50x5 Guide Angle                                                               |                     |                                                                                                                                                |   |                                    |    |
| Fixing Arrangement        |                    | Internal Face Fix<br>Reveal Fix                                                                                              | ✓<br>✓              | Internal Face Fix<br>Reveal Fix                                                                      | ✓<br>✓              | Certified for Steel, Brick, Blockwork,<br>Masonry, Timber Structural openings.                                                                 |   |                                    |    |
| Wind Class<br>EN12424     |                    | Up To Class 5                                                                                                                |                     |                                                                                                      |                     | Assessed in closed condition only                                                                                                              |   |                                    |    |
| Mechanical                |                    | Anti-Fall Protected - EN13241<br>Continuous Steel Tube Barrel - BS EN 10219<br>High Speed Bearings                           |                     |                                                                                                      |                     | Mechanical brake or Safedrive Motor.<br>Tube and Shaft according to size of<br>opening, and Shutter weight                                     |   |                                    |    |
| Locking                   |                    | Mechanical Bullet Locks<br>*Interlocking Box                                                                                 |                     | Mechanical Bullet Locks<br>*Interlocking Box                                                         |                     | Lock housing bolted directly to Guide<br>section, preventing operation                                                                         |   |                                    |    |
| Roll and Lintel<br>Covers |                    | *Roll Hood - Galvanized Steel Pressed Coil                                                                                   |                     |                                                                                                      |                     | Natural material finish as standard<br>PPC options available                                                                                   |   |                                    |    |
| Motor Cover               |                    | *Motor Hood                                                                                                                  |                     |                                                                                                      |                     |                                                                                                                                                |   |                                    |    |
| Mechanical<br>Operation   |                    | Manual by Hand<br>Manual Chain                                                                                               | X<br>**             | Manual by Hand<br>Manual Chain                                                                       | X<br>X              | Low useage only                                                                                                                                |   |                                    |    |
| Powered<br>Operation      |                    | 3ph - 415v<br>1Ph - 240v                                                                                                     | ✓<br>**             | 3ph - 415v<br>1Ph - 240v                                                                             | ✓<br>**             | 3ph as Standard<br>1ph for low weight & use only.                                                                                              |   |                                    |    |
| Drive Unit                |                    | Direct Drive 3ph<br>Direct Drive 1ph<br>Indirect Chain Drive<br>Tubular 1ph                                                  | ✓<br>**<br>**<br>** | Direct Drive 3ph<br>Direct Drive 1ph<br>Indirect Chain Drive<br>Tubular 1ph                          | ✓<br>**<br>**<br>** | 3ph Direct Drive as Standard<br>1ph determined by size/weight<br>Limited side space - Inline 3ph & 1ph<br>Tube motor for low weight & use only |   |                                    |    |
| Control                   |                    | Standard - Up/Stop/Down Function ✓<br>Hold To Run Push Button Station ✓<br>*Hold to Run Keyswitch                            |                     |                                                                                                      |                     | Direct Drive - Push Button Panel<br><br>Tubular Motor - 1-Gang Rocker Switch                                                                   |   |                                    |    |
| Activation<br>Options     |                    | * Impulse Up/Down Button<br>* Impulse Up/Down Key<br>* One Touch Impulse Close<br>* Induction Loop<br>* External Push Button |                     | * Pull Rope<br>* Radio Remote<br>* PIR Radar<br>* Lockable Keyswitch<br>* Access Control (3rd party) |                     | In conjunction with appropriate<br>control unit.<br>Additional safety features required.                                                       |   |                                    |    |
| KEY                       | SUPPLY AS STANDARD |                                                                                                                              | ✓                   | NO OPTION POSSIBLE                                                                                   | X                   | STANDARD OPTION                                                                                                                                | * | POTENTIAL OPTION WITH RESTRICTIONS | ** |

MADE TO MEASURE



## Ascot Doors

### Centurion A310 & A311

LPS1175 Security Rated Roller Shutters

LPCB Certificate: 131f/06  
131f/08

## THE SAFEST CHOICE FOR SECURITY SHUTTERS



### Ascot Centurion A310 & A311 for LPS1175 SR2

Ideal where applications require security enhancement against opportunistic attacks which must be balanced with practicality. Ascot A310/A311 is the robust option for industry, commerce and higher learning. Offering a choice of curtain constructions, the model is optimal for areas where security takes presendence.

#### Curtain Options

Single and double skin solid steel designs cover a wide range of end user needs. Double skinned model core of expanded polystyrene, resists deflection and dampens acoustic transfer, whilst improving thermal performance for working spaces. Reinforced vertical guides provide additional protection.

#### Operation

The method for opening and closing Security shutters depends upon the weight and size of the curtain, and operational needs. Powered option is three phase as standard, to accomodate the full range of mechanical options, via a small profile push button operating panel at low level. Single phase shaft mounted drives and barrel concealed tubular motors are available options, subject to size and weight of the complete, finished Shutter.



**OVER 40 YEARS OF EXPERIENCE IN DOOR SERVICES**

# Ascot A310 + A311 Centurion - LPS1175 SR2

A310 & A311

| Material               |                    | A310 Steel - Single Skin                                                                                                      |                    | A311 Steel Double Skin                                                                               |                 | Reference Information                                                                                   |                                    |    |
|------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------|------------------------------------|----|
| Curtain                |                    | 76mm Solid Concave Lath<br>Galvanized Steel<br>Single Skin<br>BS EN10346                                                      |                    | 85mm Flat Insulated Lath<br>Galvanized Steel<br>Double Skin<br>Polystyrene Infill                    |                 |                                                                                                         |                                    |    |
| Bottom Rail            |                    | Galvanized Steel<br>Heavy Duty Rolled T-Rail                                                                                  |                    | Galvanized Steel<br>Heavy Duty Channel<br>EPDM Weather Seal                                          |                 |                                                                                                         |                                    |    |
| Curtain Option         |                    | Perforated<br>Punched Lath<br>Glazed                                                                                          | X<br>X<br>X        | Perforated<br>Punched Lath<br>Punched Glazed                                                         | X<br>X<br>X     |                                                                                                         |                                    |    |
| Finish                 |                    | Galvanized Steel<br>*Std Powder Coat<br>*Marine Grade PPC<br>**Special PPC                                                    |                    |                                                                                                      |                 | Natural finish as standard<br><br>Powder Coating to any Ascot Std RAL<br>Classic or BS Std Colour Code  |                                    |    |
| Certified Sizes (mm)   |                    | Min Width<br>Min Height                                                                                                       | 1000<br>1000       | Max Width<br>Max Height                                                                              | 7000<br>7000    | Applicable to both Steel single and double skin.                                                        |                                    |    |
| End Plates             |                    | 8mm Laser Cut Mild Steel<br>5mm - Tube Motor Only                                                                             |                    |                                                                                                      |                 |                                                                                                         |                                    |    |
| Guides (mm)            |                    | 2.5 x 65 Galvanized Steel<br>75x50x5 Guide Angle                                                                              |                    | 2.5 x 85 Galvanized Steel<br>100x50x5 Guide Angle                                                    |                 |                                                                                                         |                                    |    |
| Fixing Arrangement     |                    | Internal Face Fix<br>Reveal Fix                                                                                               | ✓<br>✓             | Internal Face Fix<br>Reveal Fix                                                                      | ✓<br>✓          | Certified for Steel, Brick, Blockwork, Masonry, Timber Structural openings.                             |                                    |    |
| Wind Class EN12424     |                    | Class 2 - Standard Guides<br>*Class 5 - Windlock and Wind Guides                                                              |                    |                                                                                                      |                 | Assessed in closed condition only                                                                       |                                    |    |
| Mechanical             |                    | Anti-Fall Protected - EN13241<br>Continuous Steel Tube Barrel - BS EN 10219<br>High Speed Bearings                            |                    |                                                                                                      |                 | Mechanical brake or Safedrive Motor.<br>Tube and Shaft according to size of opening, and Shutter weight |                                    |    |
| Locking                |                    | Mechanical Bullet Locks<br>Interlocking Box                                                                                   |                    | Mechanical Bullet Locks<br>Interlocking Box<br>*Automatic Acuator Locks                              |                 | Lock housing bolted directly to Guide section, preventing operation                                     |                                    |    |
| Roll and Lintel Covers |                    | *Roll Hood - Galvanized Steel Pressed Coil                                                                                    |                    |                                                                                                      |                 | Natural material finish as standard<br>PPC options available                                            |                                    |    |
| Motor Cover            |                    | *Motor Hood                                                                                                                   |                    |                                                                                                      |                 |                                                                                                         |                                    |    |
| Mechanical Operation   |                    | Manual by Chain                                                                                                               | **                 | Manual Chain                                                                                         | X               | Manual by hand operation restricted 3000mm x 3000mm size/weight.<br>Low usage only                      |                                    |    |
| Powered Operation      |                    | 3ph - 415v<br>1Ph - 240v                                                                                                      | ✓<br>**            | 3ph - 415v<br>1Ph - 240v                                                                             | ✓<br>**         | 3ph as Standard<br>1ph for low weight & use only.                                                       |                                    |    |
| Drive Unit             |                    | Direct Drive 3ph<br>Direct Drive 1ph<br>Tubular 1ph                                                                           | ✓<br>**<br>**      | Direct Drive 3ph<br>Direct Drive 1ph<br>Tubular 1ph                                                  | ✓<br>**<br>**   | 3ph Direct Drive as Standard<br>1ph determined by size/weight<br>Tube motor for low weight & use only   |                                    |    |
| Control                |                    | Standard - Up/Stop/Down Function ✓<br>Hold To Run Push Button Station ✓<br>*Hold to Run Keyswitch                             |                    |                                                                                                      |                 | Direct Drive - Push Button Panel<br><br>Tubular Motor - 1-Gang Rocker Switch                            |                                    |    |
| Activation Options     |                    | * Impulse Up/Down Button<br>* Impulse Up/Down Key<br>* One Touch Impulse Close<br>* Induction Loop<br>* Secondary Push Button |                    | * Pull Rope<br>* Radio Remote<br>* PIR Radar<br>* Lockable Keyswitch<br>* Access Control (3rd party) |                 | In conjunction with appropriate control unit.<br>Additional safety features required.                   |                                    |    |
| KEY                    | SUPPLY AS STANDARD | ✓                                                                                                                             | No OPTION POSSIBLE | X                                                                                                    | STANDARD OPTION | *                                                                                                       | POTENTIAL OPTION WITH RESTRICTIONS | ** |

MADE TO MEASURE



## Ascot Doors

### Centurion A315 & A316

LPS1175 Security Rated Roller Shutters

LPCB Certificate: 131f/07  
131f/09

## THE SAFEST CHOICE FOR SECURITY SHUTTERS



### Ascot Centurion A315 & A316 for LPS1175 SR3

Ideal where applications require high-level security against heavy duty forced entry. The robust option for retail and utilities industries, defending against heavier duty hand tools and handheld power tools. Offering a choice of curtain constructions, the model is ideal for vulnerable areas and/or higher risk of more sophisticated, premeditated attacks.

#### Curtain Options

Double skin curtain constructions, in Aluminium (uninsulated) or Steel (insulated) interlocking lath constructions. Heavy duty vertical guides provide additional protection.

#### Operation

The method for opening and closing Security shutters is dependent upon the weight and size of the curtain, and site operational needs. Predominantly 3ph drives, accounting for the increased Shutter weight is standard. Offering a wide range of mechanical and electrical options to users, operation is as standard “hold to run” via small profile push button operating panel at low level. Single phase shaft mounted drives and barrel concealed tubular motors are available as options, subject to size and weight of the complete, finished Shutter.



**OVER 40 YEARS OF EXPERIENCE IN DOOR SERVICES**

# Ascot A315 + A316 - LPS1175 SR3

A315 + A316

| Material               |                    | A315 Aluminium                                                                                                                |               | A316 Steel                                                                                                     |               | Reference Information                                                                                   |                 |   |                                    |    |
|------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------|-----------------|---|------------------------------------|----|
| Curtain                |                    | 66mm Flat Lath<br>Aluminium Mill Finish<br>Double Skin Uninsulated<br>Steel Reinforcing Bars                                  |               | 85mm Flat Insulated Lath<br>Galvanized Steel<br>Double Skin Insulated<br>Polystyrene Infill                    |               |                                                                                                         |                 |   |                                    |    |
| Bottom Rail            |                    | Aluminium Milled<br>Heavy Duty Rolled T-Rail                                                                                  |               | Galvanized Steel<br>Heavy Duty U-Channel<br>EPDM Weather Seal                                                  |               |                                                                                                         |                 |   |                                    |    |
| Curtain Option         |                    | Perforated<br>Punched Lath<br>Glazed                                                                                          | X<br>X<br>X   | Perforated<br>Punched Lath<br>Punched Glazed                                                                   | X<br>X<br>X   |                                                                                                         |                 |   |                                    |    |
| Finish                 |                    | Aluminium Mill Finish<br>*Std Powder Coat<br>*Marine Grade PPC<br>**Special PPC                                               |               | Galvanized Steel<br>*Std Powder Coat<br>*Marine Grade PPC<br>**Special PPC                                     |               | Natural finish as standard<br><br>Powder Coating to any Ascot Std RAL<br>Classic or BS Std Colour Code  |                 |   |                                    |    |
| Certified Sizes (mm)   |                    | Min Width<br>Min Height                                                                                                       | 2000<br>1000  | Max Width<br>Max Height                                                                                        | 7000<br>7000  | Applicable to both Steel and Aluminium models                                                           |                 |   |                                    |    |
| End Plates             |                    | 8mm Laser Cut Mild Steel<br>5mm - Tube Motor Only                                                                             |               |                                                                                                                |               |                                                                                                         |                 |   |                                    |    |
| Guides (mm)            |                    | 4x90mm Aluminium Milled<br>100x95x50x5 Steel Channel                                                                          |               | 2.5x85mm Steel<br>125x90x65x5 Channel                                                                          |               |                                                                                                         |                 |   |                                    |    |
| Fixing Arrangement     |                    | Internal Face Fix<br>Reveal Fix                                                                                               | ✓<br>✓        | Internal Face Fix<br>Reveal Fix                                                                                | ✓<br>X        | Certified for Steel, Brick, Blockwork, Masonry Structural openings.                                     |                 |   |                                    |    |
| Wind Class EN12424     |                    | Up To Class 5 - Windlock and Wind Guides                                                                                      |               |                                                                                                                |               | Assessed in closed condition only                                                                       |                 |   |                                    |    |
| Mechanical             |                    | Anti-Fall Protected - EN13241<br>Continuous Steel Tube Barrel - BS EN 10219<br>High Speed Bearings                            |               |                                                                                                                |               | Mechanical brake or Safedrive Motor.<br>Tube and Shaft according to size of opening, and Shutter weight |                 |   |                                    |    |
| Locking                |                    | Mechanical Bullet Locks<br>Interlocking Box                                                                                   |               | Interlocked Bullet Locks<br>*Automatic Actuator Lock                                                           |               | Lock housing bolted directly to Guide section, preventing operation                                     |                 |   |                                    |    |
| Roll and Lintel Covers |                    | *Roll Hood - Galvanized Steel Pressed Coil                                                                                    |               |                                                                                                                |               | Natural material finish as standard<br>PPC options available                                            |                 |   |                                    |    |
| Motor Cover            |                    | *Motor Hood                                                                                                                   |               |                                                                                                                |               |                                                                                                         |                 |   |                                    |    |
| Mechanical Operation   |                    | Manual by Chain                                                                                                               | X             | Manual Chain                                                                                                   | X             | Manual by hand operation restricted<br>3500mm x 3500mm size/weight.<br>Low useage only                  |                 |   |                                    |    |
| Powered Operation      |                    | 3ph - 415v<br>1Ph - 240v                                                                                                      | ✓<br>**       | 3ph - 415v<br>1Ph - 240v                                                                                       | ✓<br>**       | 3ph as Standard<br>1ph for low weight & use only.                                                       |                 |   |                                    |    |
| Drive Unit             |                    | Direct Drive 3ph<br>Direct Drive 1ph<br>Tubular 1ph                                                                           | ✓<br>**<br>** | Direct Drive 3ph<br>Direct Drive 1ph<br>Tubular 1ph                                                            | ✓<br>**<br>** | 3ph Direct Drive as Standard<br>1ph determined by size/weight<br>Tube motor for low weight & use only   |                 |   |                                    |    |
| Control                |                    | Standard - Up/Stop/Down Function ✓<br>Hold To Run Push Button Station ✓<br>*Hold to Run Keyswitch                             |               |                                                                                                                |               | Direct Drive - Push Button Panel<br><br>Tubular Motor - Paddle Switch                                   |                 |   |                                    |    |
| Activation Options     |                    | * Impulse Up/Down Button<br>* Impulse Up/Down Key<br>* One Touch Impulse Close<br>* Induction Loop<br>* Secondary Push Button |               | * Photocell Activator<br>* Radio Remote<br>* PIR Radar<br>* Lockable Keyswitch<br>* Access Control (3rd party) |               | In conjunction with appropriate control unit.<br>Additional safety features required.                   |                 |   |                                    |    |
| KEY                    | SUPPLY AS STANDARD |                                                                                                                               | ✓             | No OPTION POSSIBLE                                                                                             |               | X                                                                                                       | STANDARD OPTION | * | POTENTIAL OPTION WITH RESTRICTIONS | ** |

MADE TO MEASURE



## Ascot Doors

### Centurion A321

LPS1175 Security Rated Roller Shutters

LPCB Certificate: 131f/10

## THE SAFEST CHOICE FOR SECURITY SHUTTERS



### Ascot Centurion A321 for LPS1175 SR4

Heavy duty security for higher risk application: designed to withstand a determined and professional attack. The default option for financial institutions and critical infrastructure - crucially, approved by insurers. Certified against heavy duty power tool attack for over 10 minutes. The most robust barrier for high-risk assets, the highly prized and goods of considerable value. Facilitates time for a coordinated response to attack.

#### Curtain Construction

Double skin Steel curtain construction with ribbed face and interlocking laths. Vertical guides and angles enhanced for maximum resistance against power tools.

#### Operation

The method for opening and closing Security shutters is dependent upon the weight and size of the curtain, and site operational needs. Predominantly 3ph drives, accounting for Shutter weight as standard. Offering a wide range of mechanical and electrical options to users, operation is as standard "hold to run" via small profile push button operating panel at low level. Single phase shaft mounted drives are available as an option, subject to size and weight of the complete, finished Shutter.



OVER 40 YEARS OF EXPERIENCE IN DOOR SERVICES

# Ascot A321 - LPS1175 SR4

A321

| Material               | A321 Steel Double Skin Insulated                                                                                                                                                                                                      |              |                                 |              | Reference Information                                                                                                          |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| Curtain                | 100mm Flat Insulated Lath<br>Galvanized Steel<br>Double Skin Insulated - Reinforced Bars                                                                                                                                              |              |                                 |              |                                                                                                                                |
| Bottom Rail            | Galvanized Steel<br>Heavy Duty U-Channel<br>EPDM Weather Seal                                                                                                                                                                         |              |                                 |              |                                                                                                                                |
| Curtain Option         | Perforated<br>Punched Lath<br>Punched Glazed                                                                                                                                                                                          |              | X<br>X<br>X                     |              |                                                                                                                                |
| Finish                 | Galvanized Steel<br>*Std Powder Coat<br>*Marine Grade PPC<br>**Special PPC                                                                                                                                                            |              |                                 |              | <i>Natural finish as standard</i><br><br><i>Powder Coating to any Ascot Std RAL Classic or BS Std Colour Code</i>              |
| Certified Sizes (mm)   | Min Width<br>Min Height                                                                                                                                                                                                               | 2000<br>2000 | Max Width<br>Max Height         | 7000<br>7000 |                                                                                                                                |
| End Plates             | 8mm Laser Cut Mild Steel                                                                                                                                                                                                              |              |                                 |              |                                                                                                                                |
| Guides (mm)            | 2.5 x 85mm Galvanized Steel<br>125x90x65x5mm Mild Steel Channel                                                                                                                                                                       |              |                                 |              |                                                                                                                                |
| Fixing Arrangement     | Internal Face Fix<br>Concrete<br>Structural Steel                                                                                                                                                                                     | ✓<br>✓       | External Face Fix<br>Reveal Fix | X<br>X       | <i>Certified for fixing on internal face only. Structural Steel and Concrete only.</i>                                         |
| Wind Class EN12424     | Up To Class 5 - Windlock and Wind Guides                                                                                                                                                                                              |              |                                 |              | <i>Assessed in closed condition only</i>                                                                                       |
| Mechanical             | Anti-Fall Protected - EN13241<br>Continuous Steel Tube Barrel - BS EN 10219<br>High Speed Bearings                                                                                                                                    |              |                                 |              | <i>Mechanical brake or Safedrive Motor. Tube and Shaft according to size of opening, and Shutter weight</i>                    |
| Locking                | Mechanical Bullet Locks with Interlocking Box<br>*Automatic Actuator Locking System                                                                                                                                                   |              |                                 |              | <i>Lock housing bolted directly to Guide section, preventing operation</i><br><i>Electrical locking as option</i>              |
| Roll and Lintel Covers | *Roll Hood - Galvanized Steel Pressed Coil                                                                                                                                                                                            |              |                                 |              | <i>Natural material finish as standard</i><br><i>PPC options available</i>                                                     |
| Motor Cover            | *Motor Hood                                                                                                                                                                                                                           |              |                                 |              |                                                                                                                                |
| Mechanical Operation   | Manual by Chain                                                                                                                                                                                                                       |              |                                 | X            |                                                                                                                                |
| Powered Operation      | 3ph - 415v<br>1Ph - 240v                                                                                                                                                                                                              |              |                                 | ✓<br>**      | <i>3ph as Standard</i><br><i>1ph for low weight &amp; use only.</i>                                                            |
| Drive Unit             | Direct Drive 3ph<br>Direct Drive 1ph<br>Tubular 1ph                                                                                                                                                                                   |              |                                 | ✓<br>**<br>X | <i>3ph Direct Drive as Standard</i><br><i>1ph determined by size/weight</i><br><i>Tube motor for low weight &amp; use only</i> |
| Control                | Standard - Up/Stop/Down Function ✓<br>Hold To Run Push Button Station ✓<br>*Hold to Run Keyswitch                                                                                                                                     |              |                                 |              | <i>Direct Drive - Push Button Panel</i>                                                                                        |
| Activation Options     | * Impulse Up/Down Button<br>* Impulse Up/Down Key<br>* One Touch Impulse Close<br>* Induction Loop<br>* Secondary Push Button<br>* Pull Rope<br>* Radio Remote<br>* PIR Radar<br>* Lockable Keyswitch<br>* Access Control (3rd party) |              |                                 |              | <i>In conjunction with appropriate control unit.</i><br><i>Additional safety features required.</i>                            |
| KEY                    | SUPPLY AS STANDARD                                                                                                                                                                                                                    | ✓            | NO OPTION POSSIBLE              | X            | STANDARD OPTION                                                                                                                |
|                        |                                                                                                                                                                                                                                       |              |                                 | *            | POTENTIAL OPTION WITH RESTRICTIONS                                                                                             |
|                        |                                                                                                                                                                                                                                       |              |                                 |              | **                                                                                                                             |

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