

# VON DUPRIN®

## 33A Series

Exit devices

The Von Duprin 33A Series is a contemporary range of push pad exit devices designed to suit single and double door applications. The 33 Series has been designed for use on narrow stile timber or aluminium hinged doors. Available in rim and surface vertical rod styles. Furnished on all 33A Series exit devices is a fluid dampener that decelerates the push pad on its return stroke and eliminates most noise associated with exit device operation.



### Features

- Easy installation tilt
- Field sizeable to accommodate a range of door openings
- Rim device has deadlocking latch with 19mm throw
- Suits door stile as narrow as 44mm
- Vertical rod device has deadlocking anti-friction latch with 16mm throw
- Suitable for doors 711mm to 914mm (up to 1220mm with 1220mm exit device)
- Extension rods available for doors over 2134mm high
- Optional external trims for access control
- Latch Monitoring (LX) and Request to Exit (RX) switch kits available to provide monitoring to access control systems

| Warranties |  |
|------------|--|
| Mechanical | 10 years   |
| Finish     | <a href="http://allegion.co.nz/finisheswarranty">allegion.co.nz/finisheswarranty</a> |

# Specification guide

| Code prefix | Model   | Length                            | Finish                       |
|-------------|---|-----------------------------------|------------------------------|
| VD          | Rim device.....33EO<br>Vertical rod device ..... 3327EO | 914mm .....914<br>1220mm.....1220 | Satin chrome plate ..... SCP |

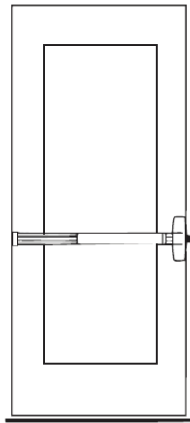
- Code prefix  
All codes are prefixed with ..... VD
- Model  
Select the desired model e.g. Rim device ..... VD33EO
- Length  
Select the desired length e.g. 914mm ..... VD33EO-914
- Finish  
Select the desired finish e.g. Satin chrome plate ..... VD33EO-914SCP

## Applications

### Single door VD33EO

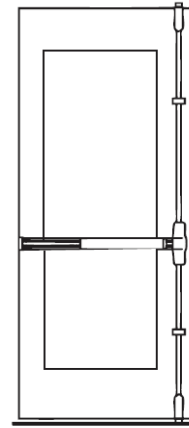
#### 33 Rim device

Minimum stile width 44mm with standard 1439 strike



#### 3327 Vertical rod device

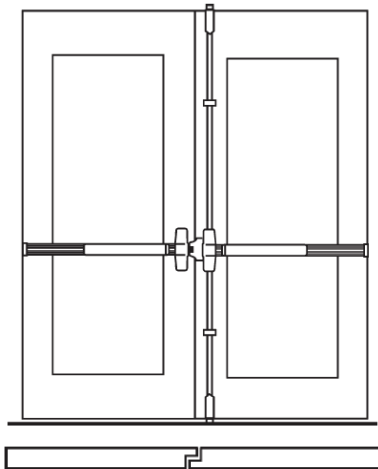
Minimum stile width 44mm



### Double rebated door VDDR33

#### 33 Rim device, 3327 Vertical rod device, 1609 strike

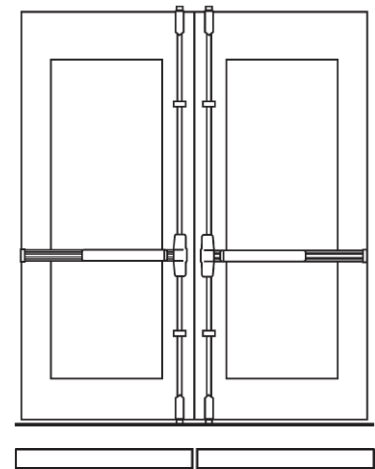
Minimum stile width 76mm with optional 1609 strike



### Double non-rebated door VDDD3327

#### 2 x 3327 Vertical rod device

Minimum stile width 44mm



# Minimum door opening chart

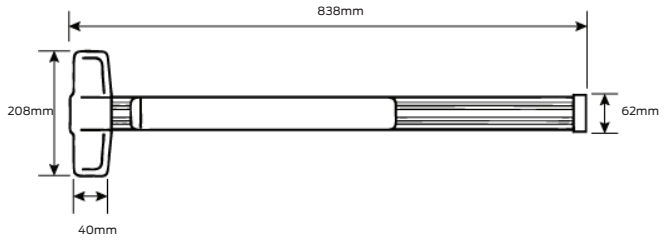
| Device model | Door seat rebate | Strike | Single door | Minimum door opening |                  | Minimum stile width |
|--------------|------------------|--------|-------------|----------------------|------------------|---------------------|
|              |                  |        |             | 914 Device           | 914 with ALK kit |                     |
| 33A-EO       | 13 mm            | 1439   | YES         | 711mm                | 838mm            | 44mm                |
| 3327A-EO     | 13 mm            |        | YES         | 657mm                | 813mm            | 44mm                |

|                   | Door seat rebate | Strike | Double door rebated | Double door non-rebated | Minimum door opening |                  | Minimum stile width |
|-------------------|------------------|--------|---------------------|-------------------------|----------------------|------------------|---------------------|
|                   |                  |        |                     |                         | 914 Device           | 914 with ALK kit |                     |
| 33A-EO & 3327A-EO | 13mm             | 1609   | YES                 |                         | 1400mm               | 1553mm           | 76mm                |
| 3327A-EO x 2      | 13mm             |        |                     | YES                     | 1315mm               | 1658mm           | 44mm                |

# VD33A-EO Exit Only Rim Device

## Features



Device centre line to finished floor: 1011mm

- Suitable for all types of single doors
- Can be used in conjunction with a 3327A-EO surface mounted vertical rod device and 1609 strike for double rebated door applications
- Fits door stiles as narrow as 44mm
- Field sizeable, accommodating doors from 711mm to 914mm (up to 1220mm with 1220mm version)
- Single point locking device, with a 19mm throw deadlocking latch
- The hex key dogging allows the latch to be held in a retracted position
- A dull black 1439 strike is furnished with the device
- Device supplied with all fixing hardware and hex dogging key
- Optional outside trim and alarm kits are available

## Finish



**ALUM**

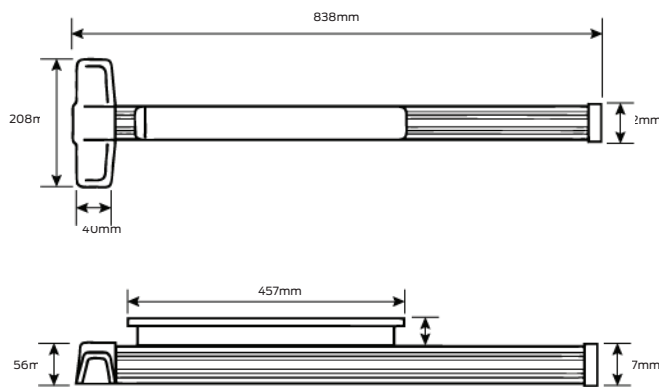
Aluminium

### Specifications

|                       |   |
|-----------------------|---|
| <b>Door thickness</b> | Combination of fasteners are furnished for surface mounting or through bolting<br>Surface mounted - 19mm minimum<br>Through bolt - 44mm to 57mm |
| <b>Stile width</b>    | 44mm minimum  |
| <b>Door width</b>     | 711mm to 914mm*<br>(1220mm option available)<br>* based on standard strike and 13mm stop height   |
| <b>Handing</b>        | Reversible  |
| <b>Latch</b>          | 19mm throw, deadlocking   |
| <b>Dogging</b>        | Hex key dogging   |

# VD3327A-EO Exit Only Surface Mounted Vertical Rod Device

## Features



Device centre line to finished floor: 1011mm

- Suitable for all types of single doors
- Can be used in conjunction with another 3327A-EO for double non-rebated door applications
- For rebated double door applications the 3327A-EO should be used in conjunction with a 33A-EO rim device and 1609 strike
- Fits door stiles as narrow as 44mm
- When 3327A-EO is used in conjunction with 33A-EO and 1609 strike on double rebated door, the minimum stile width is 76mm
- Field sizeable, accommodating doors from 711mm to 914mm (up to 1220mm with 1220mm version)
- Optional extension rods available for doors over 2134mm high
- Multi-point locking device, with 16mm throw deadlocking anti-friction top and bottom latch
- The hex key dogging allows the latch to be held in a retracted position
- Supplied with 248L-4, 266 and 304L strikes as standard
- Optional outside trim and alarm kits are available

## Finish



**ALUM**

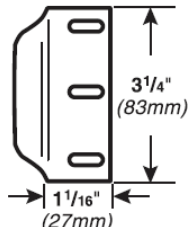
Aluminium

## Specifications

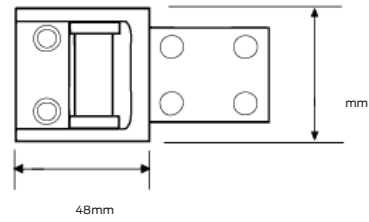
|                       |   |
|-----------------------|---|
| <b>Door thickness</b> | Combination of fasteners are furnished for surface mounting or through bolting<br>Surface mounted - 19mm minimum<br>Through bolt - 44mm to 57mm |
| <b>Stile width</b>    | 44mm minimum  |
| <b>Door width</b>     | 711mm to 914mm*<br>(1220mm option available)<br>* based on standard strike and 13mm stop height   |
| <b>Door height</b>    | 2134mm standard<br>Extension rods available for doors up to 3050mm  |
| <b>Handing</b>        | Reversible  |
| <b>Latch</b>          | 16mm throw, deadlocking   |
| <b>Dogging</b>        | Hex key dogging   |

## Suitable strikes for VD33A-EO

1609

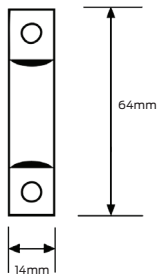


1439

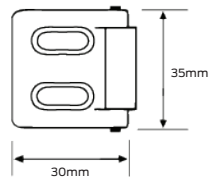


## Suitable strikes for VD3327A-EO

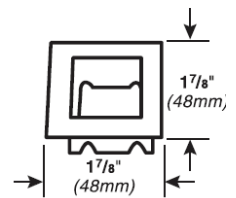
248L-4



266



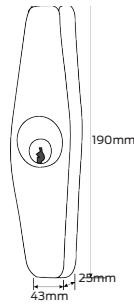
304L



# 33A Series accessories

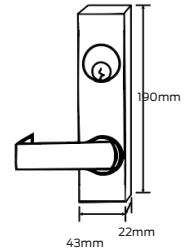
## Nightlatch VD388

Key retracts the latch. Nightlatch cylinder ordered separately. Trim projection is 25mm  
**Finish:** Satin chrome plate



## Lever VD360L

Key locks and unlocks lever. 32mm mortice cylinder ordered separately. Trim Projection is 76mm  
**Finish:** Satin chrome plate



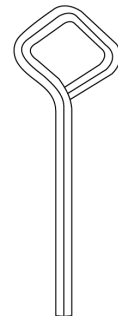
## Vertical extension rods

For door over 2134mm high. Available in either 305mm or 914mm lengths. Rods are field sizeable  
**Finish:** Satin chrome plate



## Hex dogging key

Dogging key supplied standard with all exit device with dogging feature

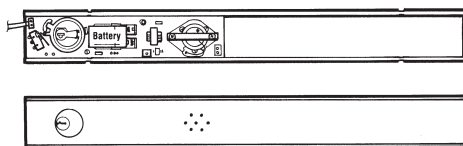


## 33ALK Exit alarm kit

The 33ALK exit alarm kit is a simple yet effective way to monitor the use of an exit device and deter unauthorised use of an opening. While still a means of egress, the unit contains an internal horn. When the touch bar is depressed, the horn sounds to provide an audible means of signalling that the opening has been activated.

The key switch allows you to arm and disarm the alarm. The unit operates on one standard 9-volt battery. When the battery is weak, the horn will emit an intermittent signal. Includes "EMERGENCY EXIT ONLY. ALARM WILL SOUND" decal for application on the door.

Requires 32mm mortice cylinder. Cylinder ordered separately.



## EL Electric latch retraction

The EL feature allows for the remote unlatching of exit devices. A control station operator can flip a switch to retract the latch bolt and immediately change an exit door to push-pull operation. A powerful, continuous duty solenoid retracts the latch bolt, either for momentary unlatching, or for extended periods of time. The EL feature is an alternative to manual dogging.

EL devices are also useful with automatic door operators, and may be applied to fire-rated applications when under the control of an automatic fire alarm system.

### Minimum door width with alarm kit\*

|          |       |
|----------|-------|
|          | 914mm |
| 33A-EO   | 838mm |
| 3327A-EO | 813mm |

\* based on standard strike and 13mm stop height