

INSTALLATION INFORMATION

Allowable Gate Mass

Maximum Allowable Gate Mass for V-SERIES400SMARTOperator						
Gate swing angle	Up to 1.5m	Up to 2m	Up to 2.5m	Up to 3m ¹	Up to 3.5m ¹	Up to 4m ¹
90°	500kg	500kg	500kg	360kg	260kg	200kg
100°	500kg	500kg	388kg	160kg	190kg	150kg
110°	500kg	306kg	198kg	130kg		
120°	180kg	100kg	65kg			

1. For gate leaves in excessof 2.5m, an electric lock must be fitted to secure gate in closed position.

Maximum Allowable Gate Mass for V-SERIES500SMARTOperator						
Gate swing angle	Up to 1.5m	Up to 2m	Up to 2.5m	Up to 3m ¹	Up to 3.5m ¹	Up to 4m ¹
90°	750kg	750kg	750kg	550kg	410kg	310kg
100°	750kg	750kg	600kg	420kg	310kg	230kg
110°	750kg	500kg	320kg	220kg		
120°	310kg	170kg	110kg			

1. For gate leaves in excessof 2.5m, an electric lock must be fitted to secure gate in closed position.

Wind Loading



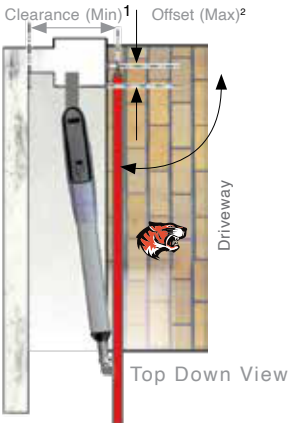
V-SERIES 400 SMART MAXIMUM OPENING SPEED						
Gate length	1.5m	2m	2.5m	3m	3.5m	4m
Gate height	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m
Allowable wind speed 25% clad(km/h) ¹	122	91	72	60	52	46
Allowable wind speed 100% clad (km/h) ¹	61	45	36	30	26	23

V-SERIES 500 SMART MAXIMUM OPENING SPEED						
Gate length	1.5m	2m	2.5m	3m	3.5m	4m
Gate height	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m
Allowable wind speed 25% clad(km/h) ¹	134	100	79	67	58	51
Allowable wind speed 100% clad (km/h) ¹	67	50	39	33	29	25

1. Gate opening and closing times will increase as wind speeds increase.

MINIMUM INSTALLATION REQUIREMENTS

Gate opening 90° or less



Operator	Clearance (Min) ¹	Offset (Max) ²
V-SERIES 400 SMART	200mm	165mm
V-SERIES 500 SMART	200mm	245mm

1. The typical minimum wall clearance required to fit the operator.
2. The maximum allowable offset which to fit the operator.

OVERALLDIMENSIONS

