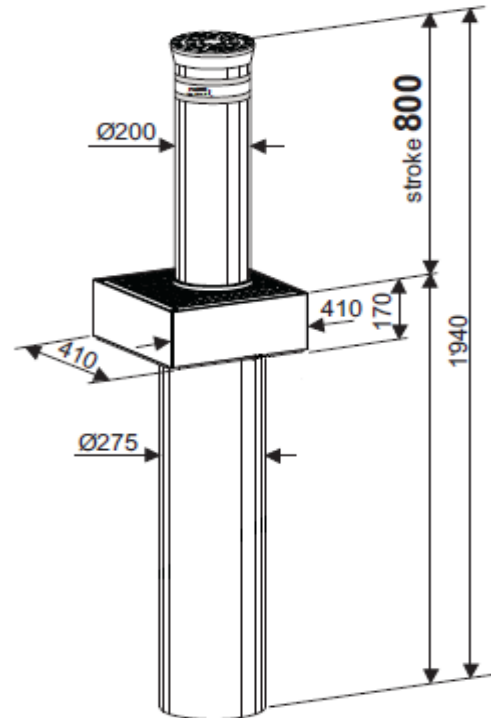
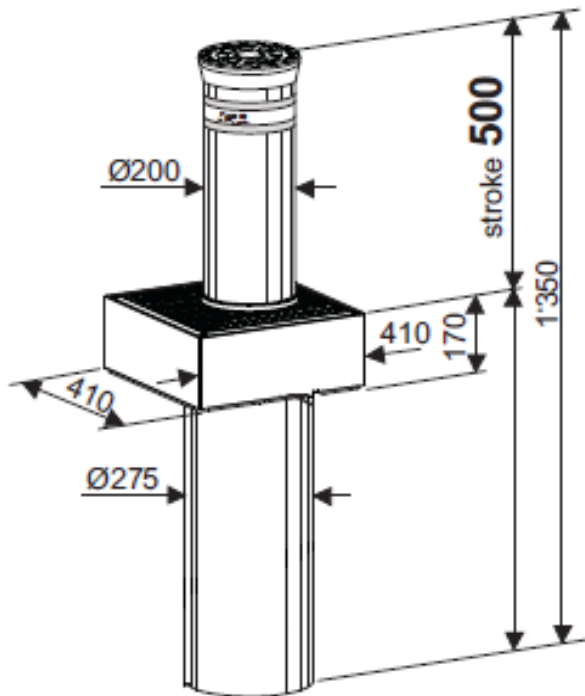


## Macs Vigilo 2250 & 2280 Automatic Bollards

Automatic Bollard with Built In Hydraulic Pump

200mm Diameter x 500mm High / 200mm Diameter x 800mm High



### TECHNICAL DATA

#### Oil-hydraulic motor-pump unit - Vico 2240 -

Hydraulic pump	P 10
Pump flow rate	4.45 l/min.
Average working pressure	2 MPa (20 bar)
Max. Achievable pressure	4 MPa (40 bar)
Working temperature	-20°C +80°C
Hydraulic oil type	Oil Fadini
Static weight of pump assembly	10 Kg
Pump protection standards	IP 54

#### Electric motor

Power yield	0.25 KW (0.33 HP)
Supply voltage	230 V
Frequency	50 Hz
Absorbed current	1.8 A
Absorbed power	330 W
Capacitor	20 µF
Motor revolutions	2'800 rpm
Service mode	S3

#### Performance Vigilo 2250

Duty cycle	4s Rise - 30s Dwell - 4s Lower - 30s Dwell
Time of one complete cycle	68s
Complete cycles Rise - Dwell - Lower - Dwell	No.53/hour
Cycles per year (8 hours' service per day)	No.154000

#### Hydraulic actuator

Piston travel time Vigilo 2250	4 s
Piston travel time Vigilo 2280	6 s
Service stroke Vigilo 2250	500 mm
Service stroke Vigilo 2280	800 mm
Shaft diameter	16 mm
Piston diameter	30 mm
Pre-set Pushing Power	15 daN
Protection standard complete	IP 557

#### Post weights Vigilo Range

Static weight Vigilo 2250 (stroke 500 mm)	102 Kg
Static weight Vigilo 2280 (stroke 800 mm)	131 Kg

#### Construction features

Post colour Vigilo range	Anthracite greig RAL 7016
Post, housing and cylindrical container material	"Fe 360" steel
Anti-corrosion treatment	Cataphoresis

#### Performance Vigilo 2280

Duty cycle	6s Rise - 30s Dwell - 6s Lower - 30s Dwell
Time of one complete cycle	72s
Complete cycles Rise - Dwell - Lower - Dwell	No.50/hour
Cycles per year (8 hours' service per day)	No.146000

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