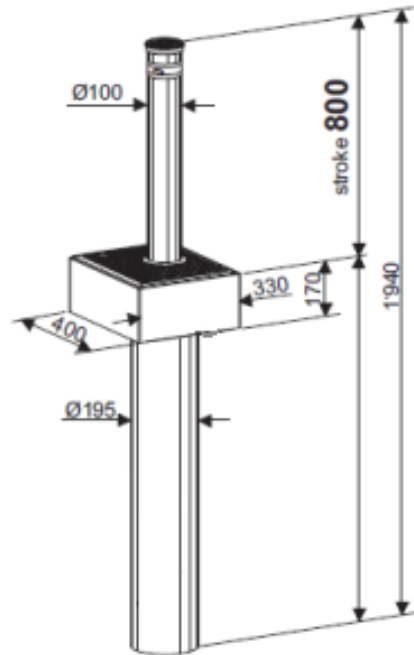
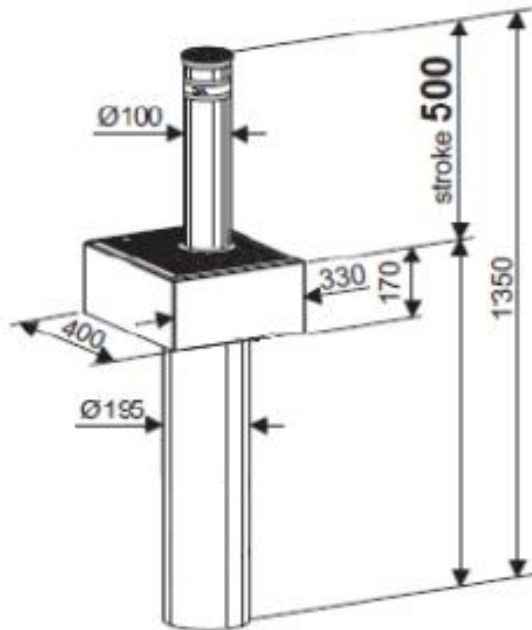


Macs Coral 1050 & 1080 Automatic Bollards

Automatic Bollard with Built In Hydraulic Pump

100mm Diameter x 500mm High / 100mm Diameter x 800mm High



TECHNICAL DATA

Oil-hydraulic motor-pump unit - Vico 2240 -

Hydraulic pump.....	P10
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.....	2800 rpm
Service mode.....	S3

Performance Coral 1050

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.154'000

Hydraulic actuator

Piston travel time Coral 1050.....	4 s
Piston travel time Coral 1080.....	6 s
Service stroke Coral 1050.....	500 mm
Service stroke Coral 1080.....	800 mm
Shaft diameter.....	16 mm
Piston diameter.....	30 mm
Pre-set Pushing Power.....	15 daN
Protection standard complete.....	IP 557

Post weights Coral Range

Static weight Coral 1050 (stroke 500 mm).....	86 Kg
Static weight Coral 1080 (stroke 800 mm).....	104 Kg

Construction features

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

Performance Coral 1080

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.146'000

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