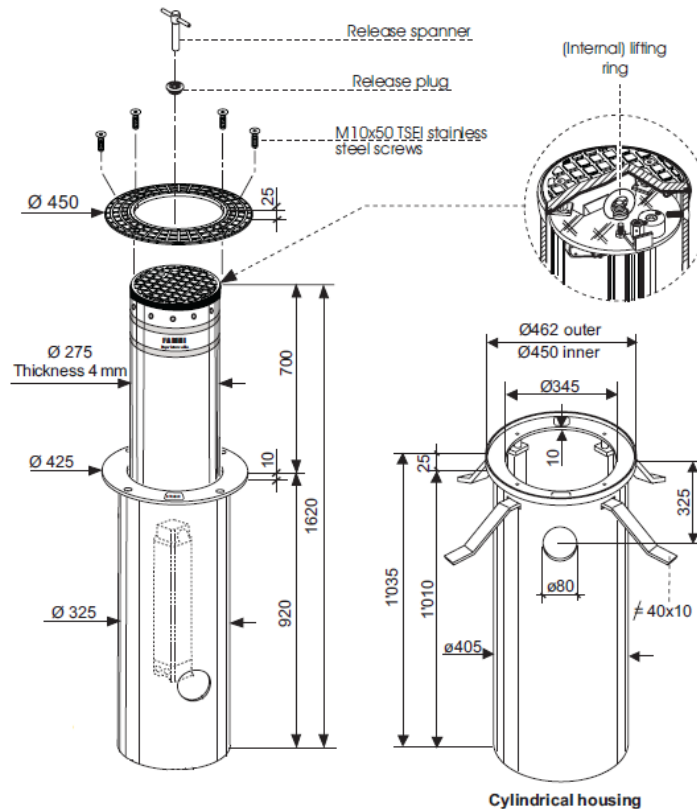


# Mac's Strabuc 918 Automatic Bollard

## Automatic Bollard with Built In Hydraulic Pump

### 275mm Diameter x 700mm High



#### TECHNICAL DATA

##### ELECTRIC MOTOR

|                            |                 |
|----------------------------|-----------------|
| Power Output .....         | 0.25KW (0.33HP) |
| Absorbed Power .....       | 330W            |
| Supply Voltage .....       | 230V±10%        |
| Frequency .....            | 50Hz            |
| Absorbed Current .....     | 1.8A            |
| External Capacitor .....   | 20µF            |
| Motor revolution .....     | 2'800 rev/1'    |
| Intermittent Service ..... | S3              |

##### HYDRAULIC MOTOR-PUMP

|                            |                 |
|----------------------------|-----------------|
| Hydraulic Pump .....       | P10             |
| Pump Flow Rate .....       | 4.45 l / 1'     |
| Working Pressure .....     | 2 MPa (20bars)  |
| Maximum Pressure .....     | 4 MPa (40bars)  |
| Working Temperature .....  | -20°C +80°C     |
| Type of Oil .....          | OIL A15 by AGIP |
| Static Weight .....        | 10Kg            |
| Protection Standards ..... | IP54            |

##### OIL-HYDRAULIC ACTUATOR

|                             |        |
|-----------------------------|--------|
| Piston Diametre .....       | 30 mm  |
| Shaft Diametre .....        | 16 mm  |
| Piston Stroke .....         | 740 mm |
| Travel Time .....           | 6 sec  |
| Pre-set Pushing Power ..... | 18 daN |

##### PERFORMANCE

|                                   |          |
|-----------------------------------|----------|
| Impact Resistance .....           | 10'000J  |
| Maximum Load on Strabuc 918 ..... | 20'000Kg |

Duty Cycle: 6s Ascent - 30s Dwell - 6s Discent - 30s Dwell  
 Time of one complete cycle .....

|   |             |
|---|-------------|
| Time of one complete cycle .....                | 72 seconds  |
| Comp. Cycles Ascent-Dwell-Discent-Dwell .....   | No.50/Hour  |
| Cycles per year (8 hours'service per day) ..... | No. 146'000 |

##### GENERAL FEATURES

|   |              |
|---|--------------|
| Weight of Strabuc 918, Complete .....           | 129Kg        |
| Complete Degree of Protection .....             | IP67         |
| Led, Solenoid Valve & Beeper Power Supply ..... | 230V 50Hz    |
| Treatment to the structural elements .....      | Cataphoresis |

##### CYLINDRICAL GROUND CONTAINER

|                                     |              |
|-------------------------------------|--------------|
| Material .....                      | Sheet Iron   |
| Treatment .....                     | Cataphoresis |
| Calendered Sheet Thickness .....    | 1.5mm        |
| Fixing Flange Thickness .....       | 10mm         |
| No.4 Bolts for plate fixing .....   | M10x35       |
| No.4 Washers for fixing bolts ..... | ø10          |
| No.4 Fixing plates .....            | 40x10 plate  |
| Complete Weight .....               | 25Kg         |

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