PFPF7276H Automatic Hydraulic Bollard

**STRENGTHS:**

**PRE-INSTALLATION**

The bollard casing is fully independent from the motor, allowing the installer to prepare the ground for future installation. Fig. 1

**SIMPLIFIED INSTALLATION**

With many technical features adopted during the engineering phase, “GRIZZLY” requires less digging for installation and can also be pre-installed.

**NEW DESIGN**

Designed and produced to make the bollard blend in perfectly to any city or private environment, with the new square shaped flange and the new attractive design.

**SAFE**

A special safety valve, fitted as standard on all models, stops the bollard and reverses the direction if an obstacle is detected.

**MAINTENANCE**

Extremely easy to maintain, with no need for hoists or manpower to lift the motor. Remove the flange, disconnect the connectors from the pump, slide off the casing “CDF” and carry out maintenance.

**PERFORMANCE**

Intensive use, tested for over 3,000 manoeuvres a day, built in active safety devices (direction reversal, movement buzzer, axial and radial high-intensity leds), handling speed, size, all work to assure the high performance of the “GRIZZLY” bollards.

**NEW ANTI-DEBRIS SYSTEM**

The top of the cylinder (light crown) and the anti-detritus seal built into the flange were designed in order to prevent the entry of detritus inside the casing when the cylinder is up by almost 80%

**INTEGRATED DEVICE “TERMON”**

The new control boards “CDS” are provide standard with heating systems “TERMON” capable to ensure the proper functioning of the machine down to -30 ° C.
## TECHNICAL SPECIFICATION

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<tr>
<td>CE Approved (Conforms to BS6571)</td>
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<tr>
<td>Maximum Boom Length</td>
<td>6.0 Meters</td>
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<tr>
<td>Opening/Closing time</td>
<td>5 Seconds (adjustable)</td>
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<tr>
<td>Drive Unit</td>
<td>In Built Hydraulic Unit</td>
</tr>
<tr>
<td>Power Supply</td>
<td>SINGLE Phase 230v. 50Hz. 6 Amps</td>
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<td>Finish</td>
<td>Cylinder in RAL 7002</td>
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<td>Accessories</td>
<td>Loop Detectors/ Traffic Lights</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP67</td>
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<tr>
<td>Cycles</td>
<td>100% Continuous Duty Rating</td>
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<tr>
<td>Control Panel</td>
<td>CDS Control Panel</td>
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<tr>
<td>Bollard Diameter</td>
<td>273mm</td>
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<tr>
<td>Auxiliary Power</td>
<td>1.2Amp 24V Supply</td>
</tr>
<tr>
<td>Dimensions</td>
<td>914 x 295 x 225</td>
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<td>Settings</td>
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"Reinforced steel installation casing, with a hole for lifting hook, suited for assembly of GRIZZLY bollard casings. For use in pre-installation of bollards."

"Hydraulic pump housing on the upper side of the flange for easy maintenance. By removing the flange it is possible to extract the pump by releasing a simple connector, to carry out maintenance quickly and easily."

"New completely independent bollard casing, with the possibility for pre-installation during digging and subsequent installation of the bollard Fig.1."

"The new square shaped flange and attractive new design allow the bollard to blend in perfectly with any city or private environment."

"New special flange seal in EPDM rubber with excellent resistance to wear over time, guaranteeing perfect protection against detritus with the cylinder up 1."

"Conical shaped cylinder housing which, along with the flange seal, are able to drastically reduce the entry of detritus up to 80% when the cylinder is up 1."

"Cylinder diameter Ø 275 mm with thickness 6 + 10 mm, 600 and 800 mm height."

"Raised multi-pole cable output channel for easy wiring during installation and easy bollard maintenance."

"Hydraulic pump housing."

"Bollard casing “CDF” with central hole and new side slits for optimised drainage."
**NEW “CDS” CONTROL BOARD:**

New control board suitable for all bollards series (except approved bollards version “DK/L”).

- **O&O control unit box with spare fuse holder inside**
- **2-digit digital programming display**
- **Menu programming buttons**
- **TRIAC to protect the relays, guaranteed for one million manoeuvres**
- **“EMC” filter**
- **Intuitive screen-printed graphics to help installers during cabling**
- **Built in connector for “DOMINO” programmer**
- **Double safety relay: Red traffic light in the event of a malfunction**
- **Integrated 2048-code 2-channel ratio with programming buttons**
- **Input status warning LED**

**SIZE:**

ALSO AVAILABLE IN STAINLESS STEEL