

# CNC Machined Glass Door Floor Spring Patch Fitting

This CNC machined floor spring patch fitting is designed for glass doors ranging from 8mm to 12mm in thickness. It is produced according to EN1154 standards with a double speed adjustment for smooth closing.



## ADDITIONAL IMAGES

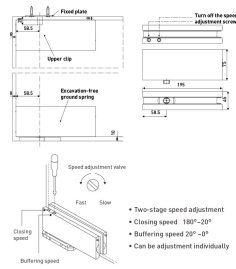


## Overview

### Professional Glass Door Control

This CNC machined hydraulic patch fitting floor spring is designed for modern glass door installations, offering a sleek, concealed, non-digging design that eliminates the need for floor excavation. Engineered to meet EN1154 standards, it ensures a long service life of up to 500,000 cycles. With dual-speed adjustment capabilities and robust construction, it provides smooth, controlled closing for glass doors between 8mm and 12mm thick.

## Technical Specifications



Detailed view of the two-stage speed adjustment mechanism (180°-20° closing, 20°-0° buffering) and installation dimensions.

### Performance Metrics

**100 kg**

Max Door Weight

**1100 mm**

Max Door Width

**500000 cycles**

Lifespan

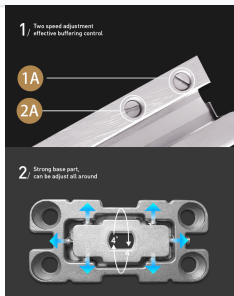
**70 %**

Closing Efficiency

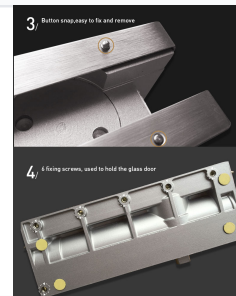
### Mechanical Details

Parameter	Value
Model	HPF-100
Applicable Standard	EN1154
Engine Cylinder	Single
Max Open Degree	180°
Stop Device	90° or NHO
Latching Speed	0-20°
Closing Speed	20°-90°

## Installation & Compatibility



The strong base part allows for all-around adjustment, including a 4-degree fine-tuning capability for precise installation.



Includes button snaps for easy fixing/removal and 6 fixing screws to ensure a secure glass door installation.

### Installation Requirements

- Non-digging design (no floor excavation required)
- Suitable for glass door thickness: 8mm-12mm
- Operating temperature range: -40°C to 60°C
- Dimensions: 195mm x 45mm x 75mm

## Features



Precision-engineered floor spring featuring corrosion, wear, and low-temperature resistance with an oil leak-proof design.

### Key Features

CNC Machined • Concealed Design • Double Speed Adjustment • Corrosion Resistant • Oil Leak-Proof • Wear Resistant • Low-Temperature Resistant