SHAKO

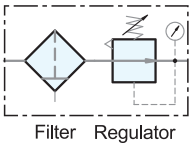
SS Series

# Stainless Steel Miniature Filter Regulator

SHAKO FLUID POWER

II 2G Ex h IIC T4 Gb
II 2D Ex h IIIC T135℃ Db
-10 ℃ ≤ Ta ≤ 70 ℃

## Symbol






## Features

1. For high pressure use, corrosion and chemical resistance.
2. Good performance in chemically working environments and outdoor facility.
3. Suitable for semi-conductor industry.
4. Large flow rate and effectively removes water and particle.
5. Accurate and sensitive pressure setting.
6. Light weight, compact size for space saving.
7. CE and EX-proof certified.

## How to order

| SSFR500 | – | 02 | N | C | H |
|---|---|---|---|---|---|
| **Stainless Steel SUS316 Miniature** | | **Port size** | **Thread** | **Filtration** | **Drain** |
| Miniature Filter Regulator | | **02** :1/4" | **Blank** :G<br>**N** :NPT<br>**R** :Rc | **Blank** :5μm<br>**C** :40μm | **Blank** :Semi-auto drain<br>**H** :Manual drain |

Please contact our sales for non-relieving type.
*For non-relieving type, the secondary pressure is not allowed to be exhausted when it is higher than setting pressure.

## Specifications

| Model | SSFR500 |
|---|---|
| Port size | 1/4" |
| Fluid | Compressed air |
| Regulator construction | Piston |
| Body material | Stainless steel SUS316 |
| Bowl material | Stainless steel SUS316 |
| Pressure gauge material | Case: Stainless steel SUS304,<br>Thread: Stainless steel SUS316 |
| Filter element material | Stainless steel SUS316 |
| Filtration | 5μm (Standard), 40μm (Optioan) |
| Operating pressure range | 0.5 ~ 20 kgf/cm² |
| Max. inlet pressure | 30 kgf/cm² |
| Max. flow rate l/min (ANR) 40μm | 1850 |
| Ambient temperature | -10°C ~ 70°C |
| Filter bowl capacity | 105cc |
| Proof pressure | 40 kgf/cm² |
| Standard drain | Semi-auto drain (Drains below 0.5kgf/cm²) |
| Net weight | 1380g |
| Accessories | Pressure gauge (0~10kg),<br>Plug, Mounting bracket set |
| Option | Pressure gauge (0~20kg) |

## Dimensions

SSFR500-02

