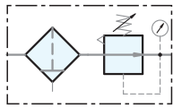
SHAKO

US Series — Stainless Steel SUS316 Filter Regulator

SHAKO FLUID POWER

Symbol



Filter Regulator

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



Features

1. For high pressure use, corrosion and chemical resistance.
2. Good performance for outdoor facility.
3. Suitable for semi-conductor industry.
4. The product effectively removes water and particle.
5. Accurate and sensitive pressure setting.
6. CE and EX-proof certified.

How to order

USFR	B	–	02	N	C	H	W
Stainless Steel Filter Regulator	Pressure		Port size	Thread	Filtration	Drain	Bowl viewer
	Blank:0.5~30kgf/cm² (for 1/4", 3/8", 1/2") 0.5~28kgf/cm² (for 3/4", 1") **B**:0.5~12kgf/cm²		**02**:1/4" **03**:3/8" **04**:1/2" **06**:3/4" **08**:1"	**Blank**:G **N**:NPT **R**:Rc	**Blank**:5μm **C**:40μm	**Blank**:Semi-auto drain **H**:Manual drain **D**:Auto drain (Working pressure:0.5 ~ 9.9 kgf/cm²)	**Blank**:W/O viewer **W**:Viewer (for 3/4",1") (See *Remark below)

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.

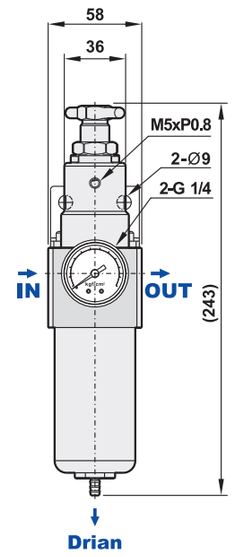
*Remark: Only for USFRB (0.5~12 kgf/cm²).
*Spring: USFRB = SUS303
USFR = Alloy steel

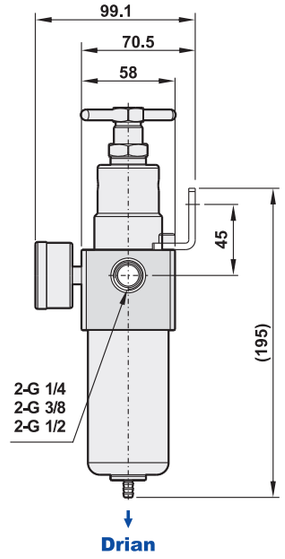
Specifications

Model	USFR-02	USFR-03	USFR-04	USFR-06	USFR-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Regulator construction	Piston				
Body material	Stainless steel SUS316				
Bowl material	Stainless steel SUS316				
Pressure gauge material	Case: Stainless steel SUS304, Thread: Stainless steel SUS316				
Filtration	5μm(Standard)				
Element material	Stainless steel SUS316				
Operating pressure range	USFRB:0.5 ~ 12 kgf/cm² USFR:0.5~ 30 kgf/cm²			USFRB:0.5 ~ 12 kgf/cm² USFR:0.5 ~ 28 kgf/cm²	
Max. inlet pressure	60 kgf/cm² (Bowl viewer: 15 kgf/cm²)				
Max. flow rate l/min (ANR) 40μm	2200	2500	3800	B8500/17000	B8900/21000
Ambient temperature	-10°C ~ 70°C				
Filter bowl capacity	110cc			200cc	
Proof pressure	80 kgf/cm² (Bowl viewer: 40 kgf/cm²)				
Standard drain	Semi-auto drain (Drains below 0.5kgf/cm²)				
Net weight	2000g			4580g	
Accessories	Pressure gauge (0~20kg), Plug, Mounting bracket set				
Option	Pressure gauge (0~10kg), Pressure gauge (0~30kg)				

Dimensions

USFR-02, 03, 04





USFR-06, 08

