

# EQUIPOS DE PROTECCIÓN EN ACERO INOXIDABLE

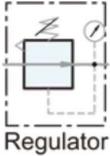
FRL - FILTRO REGULADOR -  
LUBRICADOR - REGULADOR

ACERO INOXIDABLE SUS316  
ROSCAS ¼ - 1"



CE  $\text{Ex}$  II 2G Ex h IIC T4 GI  
II 2D Ex h IIC T13:  
-10 °C ≤ Ta ≤ 70 °C

## Symbol



Regulator

## Features

1. For high pressure use, corrosion and chemical resistance.
2. Good performance for outdoor facility.
3. Suitable for semi-conductor industry.
4. Accurate and sensitive pressure setting.
5. Strict quality control.
6. CE and EX-proof certified.



## How to order

**USR**

**B**

-

**02**

**N**

**Stainless Steel Regulator**

**Pressure**

**Blank:** 0~30kgf/cm<sup>2</sup> (for 1/4", 3/8", 1/2")  
0~28kgf/cm<sup>2</sup> (for 3/4", 1")  
**B:** 0~12kgf/cm<sup>2</sup>

**Port size**

**02** :1/4"  
**03** :3/8"  
**04** :1/2"  
**06** :3/4"  
**08** :1"

**Thread**

**Blank** :G  
**N** :NPT  
**R** :Rc

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.

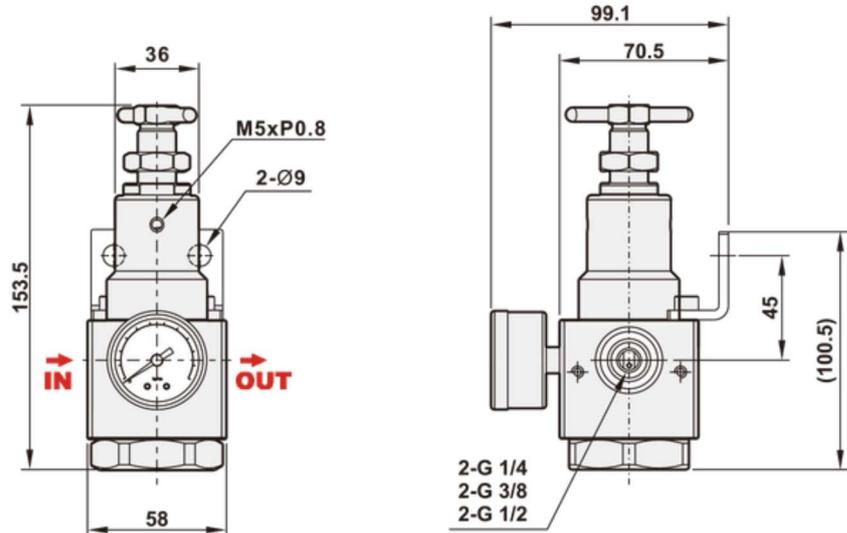
\*Spring: USRB = 1/2"  
USR=All

## Specifications

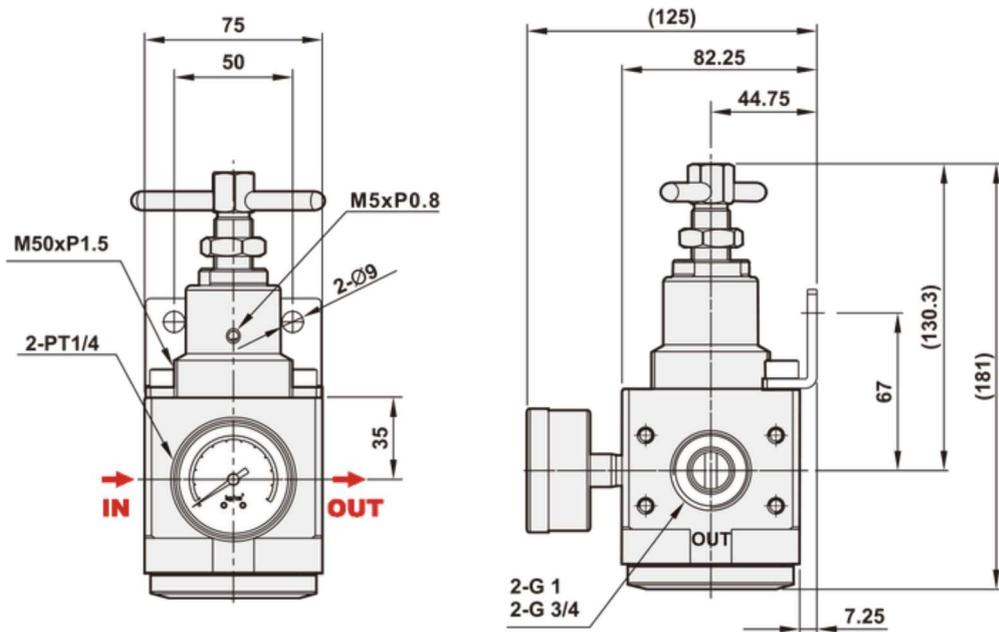
Model	USR-02	USR-03	USR-04	USR-06	USR-C
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Regulator construction	Piston				
Body material	Stainless steel SUS316				
Pressure gauge material	Case: Stainless steel SUS304, Thread: Stainless steel SUS316				
Operating pressure range	USRB: 0 ~ 12 kgf/cm <sup>2</sup> USR: 0 ~ 30 kgf/cm <sup>2</sup>		USRB: 0 ~ 12 kgf/cm <sup>2</sup> USR: 0 ~ 28 kgf/cm <sup>2</sup>		
Max. inlet pressure	60 kgf/cm <sup>2</sup>				
Max. flow rate l/min (ANR)	1950	2250	2520	B9000/18000	B9400/22000
Ambient temperature	-10°C ~ 70°C				
Proof pressure	80 kgf/cm <sup>2</sup>				
Net weight	1400g			3400g	
Accessories	Pressure gauge (0~20kg), Plug, Mounting bracket set				
Option	Pressure gauge (0~10kg), Pressure gauge (0~30kg)				

## Dimensions

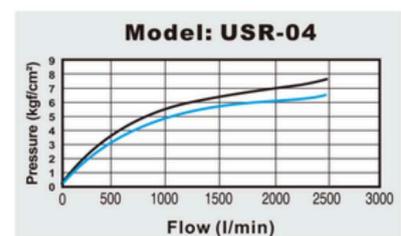
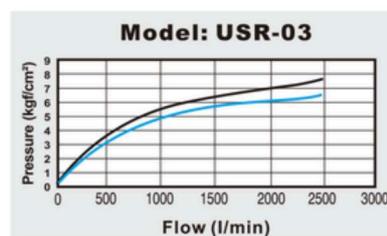
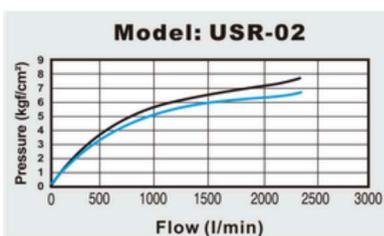
**USR-02, 03, 04**



**USR-06, 08**



## Flow chart



**Note:** X axis: Flow (l/min), Y axis: Pressure (kgf/cm<sup>2</sup>), Blue line (P0) = Outlet pressure, Black line (P1) = Inlet pressure, P1-P0 = Pressure range