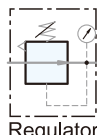


USR | Stainless Steel Regulator

Specification and ordering

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 ATEX certified.



II 2G Ex h IIC T4 Gb

II 2D Ex h IIC T135°C Db

-10 °C ≤ Ta ≤ 70 °C



How to order

USR	B	—	02	N
Stainless Steel Regulator	Pressure		Port size	Thread
	Blank: 0~30kgf/cm ² (for 1/4", 3/8", 1/2") 0~28kgf/cm ² (for 3/4", 1") B: 0~12kgf/cm ²		02: 1/4" 03: 3/8" 04: 1/2" 06: 3/4" 08: 1"	Blank: G N: NPT R: Rc

Please contact our sales representative 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 = SUS303
USR = Alloy steel

Specifications

Model	USR-02	USR-03	USR-04	USR-06	USR-08
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 ² USR: 0 ~ 30 kgf/cm ²			USRB: 0 ~ 12 kgf/cm ² USR: 0 ~ 28 kgf/cm ²	
Max. inlet pressure	60 kgf/cm ²				
Max. flow rate l/min (ANR)	1950	2250	2520	B9000/18000	B9400/22000
Ambient temperature	-10°C ~ 70°C				
Proof pressure	80 kgf/cm ²				
Net weight	1400g			3400g	
Accessories	Pressure gauge (0~20kg), Plug, Mounting bracket set				
Option	Pressure gauge (0~10kg), Pressure gauge (0~30kg)				

Confirm the selected model, operating conditions and options with Fluidline before ordering.

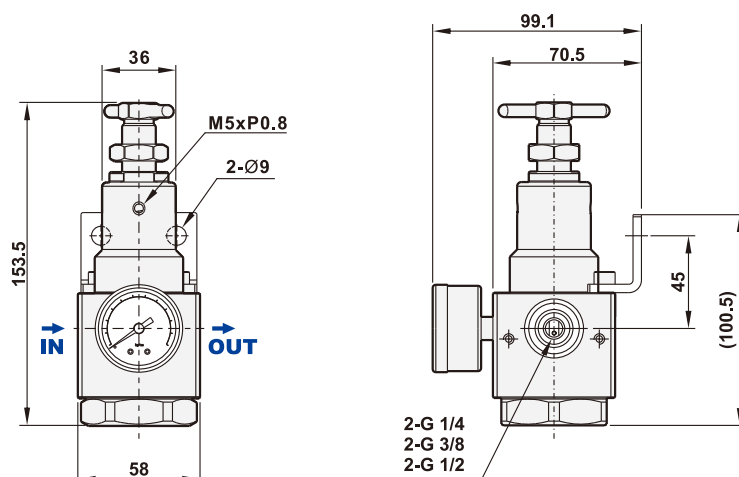


USR | Stainless Steel Regulator

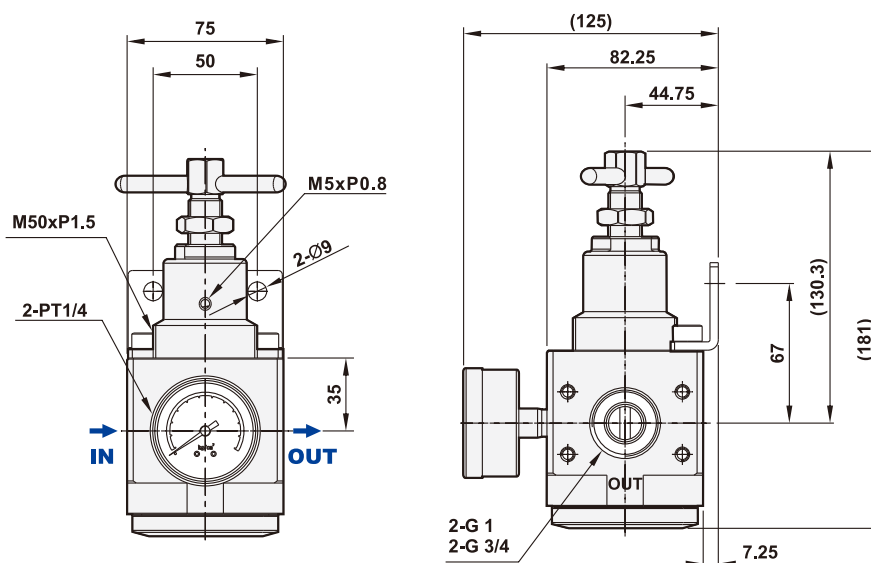
Dimensions and technical drawings

■ Dimensions

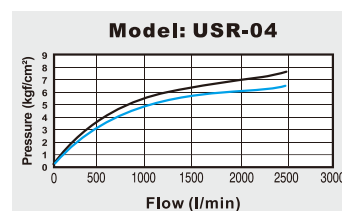
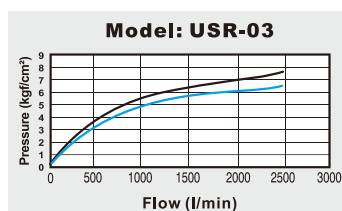
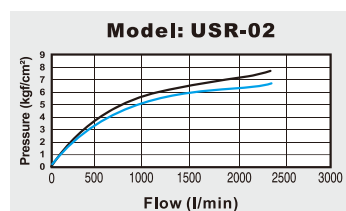
USR-02, 03, 04



USR-06, 08



■ Flow chart



Note: X axis: Flow (l/min), Y axis: Pressure (kgf/cm²), Blue line (P0) = Outlet pressure, Black line (P1) = Inlet pressure, P1-P0 = Pressure range

Confirm the selected model, operating conditions and options with Fluidline before ordering.