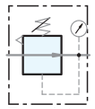
SHAKO

US Series — Stainless Steel SUS316 Regulator

SHAKO FLUID POWER

Symbol



Regulator

CE Ex 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. 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		Port size	Thread
	Blank:0~30kgf/cm² (for 1/4", 3/8", 1/2") 0~28kgf/cm² (for 3/4", 1") **B**:0~12kgf/cm²		**02**:1/4" **03**:3/8" **04**:1/2" **06**:3/4" **08**:1"	**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.

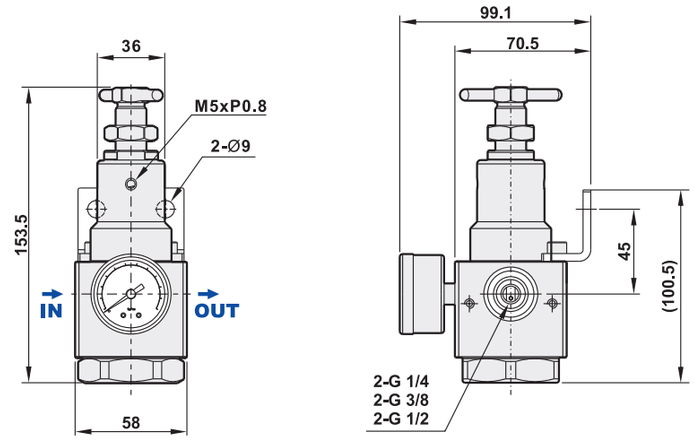
*Spring: USRB = SUS303
USR=Alloy steel

Specifications

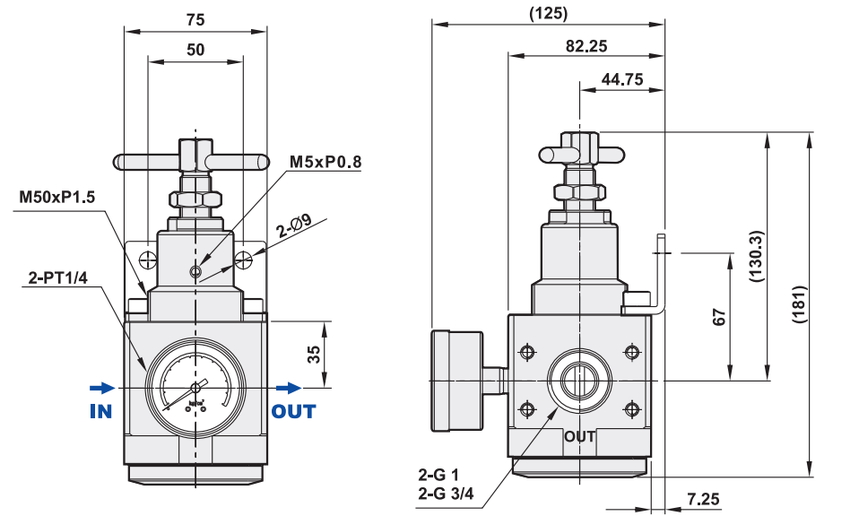
Model	USR-02	USR-03	USR-04	USR-06	USR-08
Port size	1/4"	3/8"	1/2"	3/4"	1"
Fluid	Compressed air				
Regulator construction	Piston				
Body material	Stainless steel SUS316				
Pressure gauge material	Case: Stainless steel SUS304, Thread: Stainless steel SUS316				
Operating pressure range	USRB: 0 ~ 12 kgf/cm² USR: 0 ~ 30 kgf/cm²			USRB: 0 ~ 12 kgf/cm² USR: 0 ~ 28 kgf/cm²	
Max. inlet pressure	60 kgf/cm²				
Max. flow rate l/min (ANR)	1950	2250	2520	B9000/18000	B9400/22000
Ambient temperature	-10°C ~ 70°C				
Proof pressure	80 kgf/cm²				
Net weight	1400g			3400g	
Accessories	Pressure gauge (0~20kg), Plug, Mounting bracket set				
Option	Pressure gauge (0~10kg), Pressure gauge (0~30kg)				

Dimensions

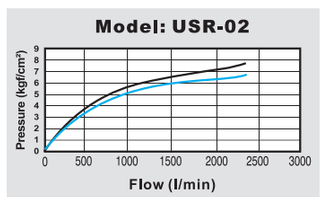
USR-02, 03, 04

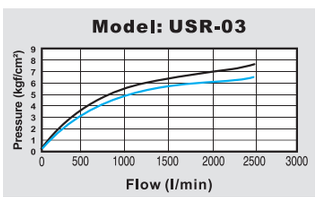


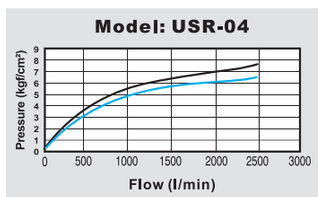
USR-06, 08



Flow chart







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