

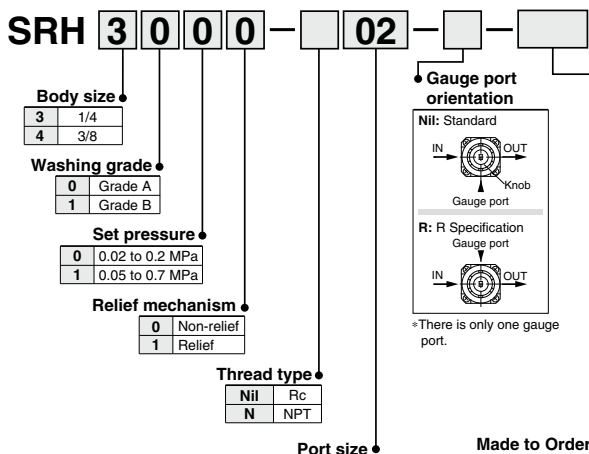
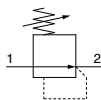
Clean Regulator

SRH Series

How to Order



Symbol



Symbol	Piping port size	SRH3000	SRH4000
01	1/8	●	—
02	1/4	●	●
03	3/8	—	●
04	1/2	—	●
A2	With metal gasket seal fitting	URJF 1/4	—
A3	With metal gasket seal fitting	—	URJF 3/8

Specifications

Model		SRH3□□0	SRH4□□0	SRH3□□1	SRH4□□1
Relief mechanism		Non-relief		Relief	
Port size		1/8, 1/4 URJF 1/4	1/4, 3/8, 1/2 URJF 3/8	1/8, 1/4	1/4, 3/8, 1/2
Fluid	Grade A	Clean air, N ₂ , Ar, CO ₂ , Pure water		Clean air, N ₂	
	Grade B	Air, N ₂ , Ar, CO ₂ , Water		Air, N ₂	
Proof pressure		1.5 MPa			
Max. operating pressure		1 MPa			
Set pressure	Low pressure type	0.02 to 0.2 MPa			
	High pressure type	0.05 to 0.7 MPa			
Ambient and fluid temperatures		0 to 60°C (No freezing)			
Fluid-contact material (metal)		Stainless steel 316 (Body is stainless steel 316L)			
Diaphragm material	Grade A	PTFE			
	Grade B	Fluororubber			
Weight		360 g	730 g	360 g	730 g



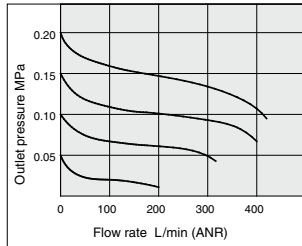
SRH Series

Flow Rate Characteristics (Representative Value)

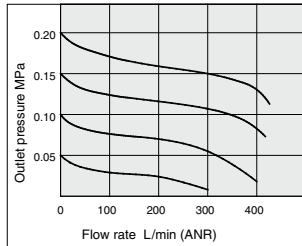
Fluid: Air

Conditions/ Inlet pressure: 0.5 MPa

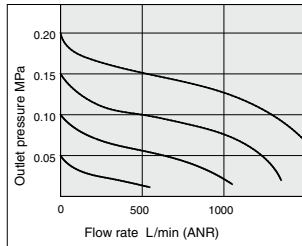
SRH3000-02



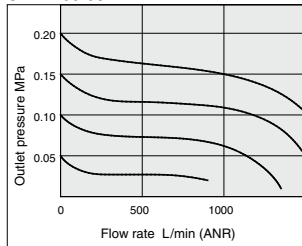
SRH3100-02



SRH4000-03

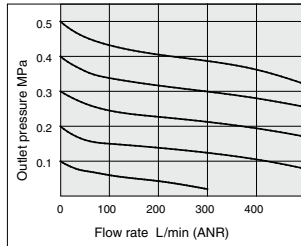


SRH4100-03

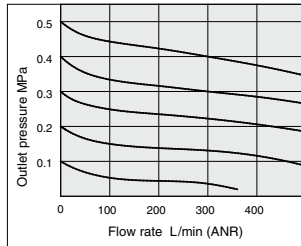


Conditions/ Inlet pressure: 0.7 MPa

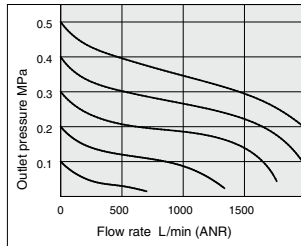
SRH3010-02



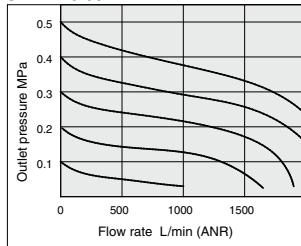
SRH3110-02



SRH4010-03



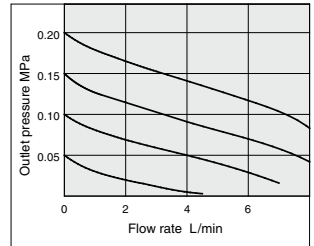
SRH4110-03



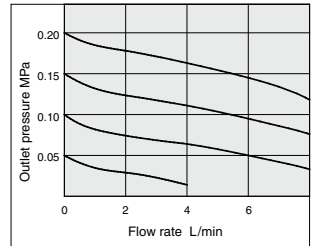
Fluid: Water

Conditions/ Inlet pressure: 0.5 MPa

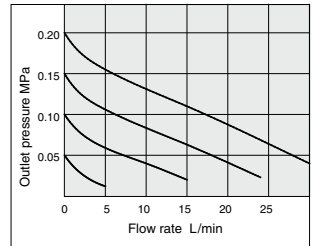
SRH3000-02



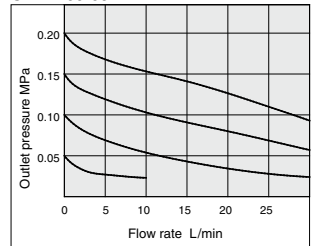
SRH3100-02



SRH4000-03



SRH4100-03



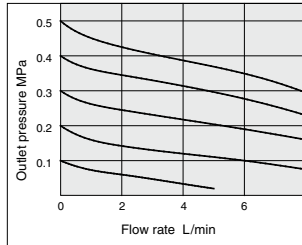


Pressure Characteristics (Representative Value)

Fluid: Water/Air

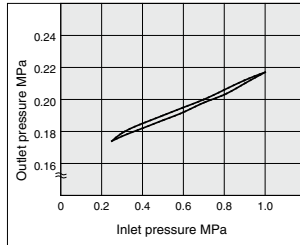
Conditions/ Inlet pressure: 0.7 MPa

SRH3010-02

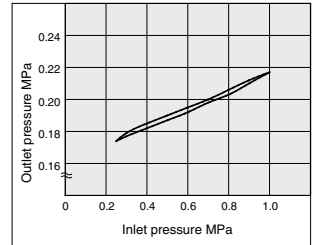


Conditions/ Inlet pressure: 0.7 MPa, Outlet pressure: 0.2 MPa, Flow rate 2 L/min

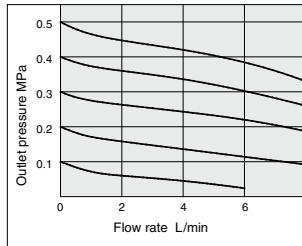
SRH3000



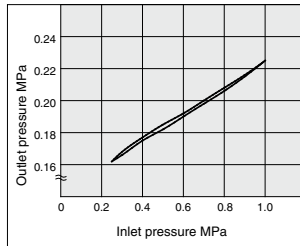
SRH3100



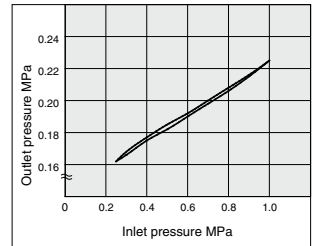
SRH3110-02



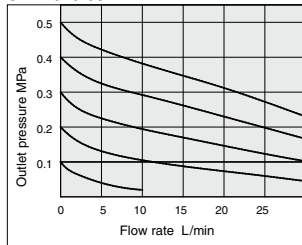
SRH4000



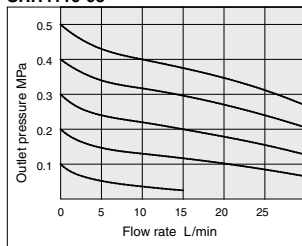
SRH4100



SRH4010-03



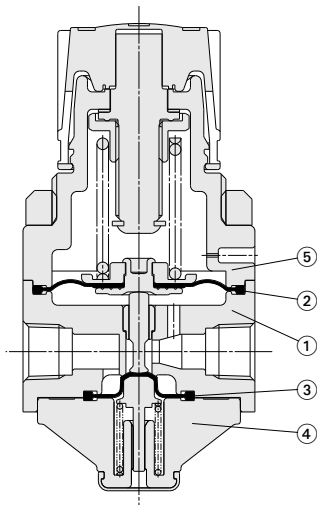
SRH4110-03





SRH Series

Construction



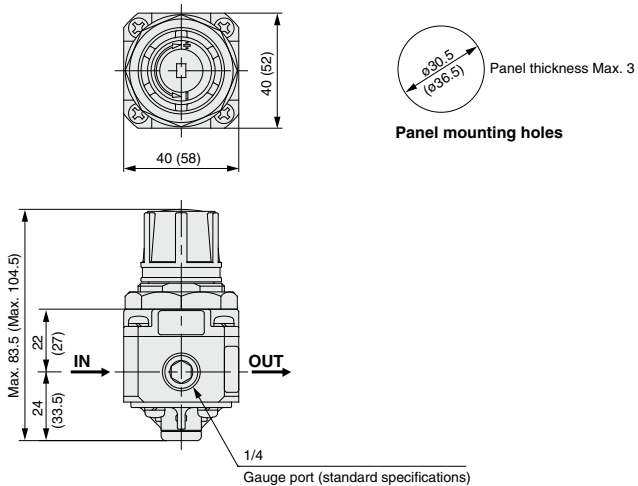
Component parts

No.	Description	Material	
		Grade A	Grade B
1	Body	Stainless steel 316L	
2	Diaphragm	PTFE	Fluororubber
3	Diaphragm	PTFE	Fluororubber
4	Valve guide	PPS	
5	Bonnet	PPS	



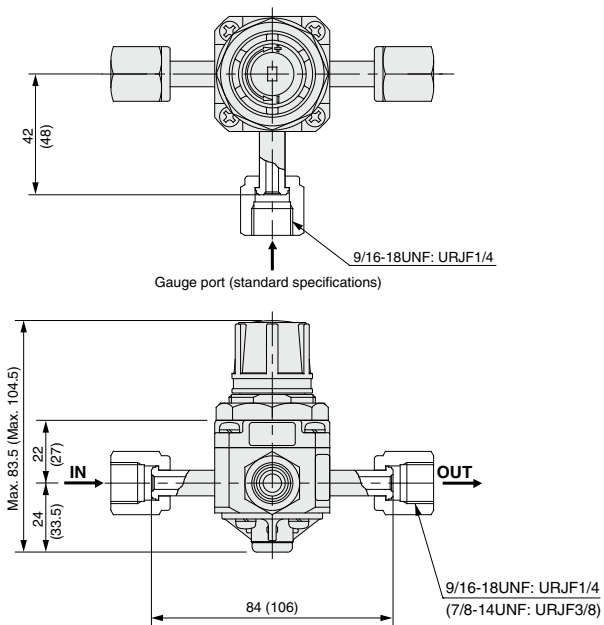
Dimensions

Rc thread type



Dimensions inside () are for SRH4000.

Metal gasket seal fitting type



Dimensions inside () are for SRH4000.

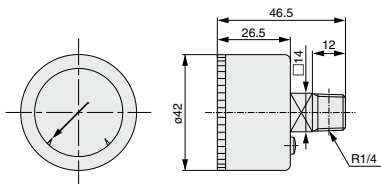


SRH Series

Options

Pressure Gauge

Dimensions



Specifications

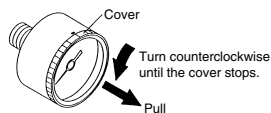
Item	Model	G46-□-02-SRA	G46-□-02-SRB
Port size		R 1/4	
Operating temperature range		0 to 60°C (No freezing)	
Accuracy		± 3%F.S.	
Scale range		270°	
Parts washing (fluid-contact parts)		Precision wash	General degrease
Assembly and adjustment environment		Clean room	General production line
Oil free / Water free		Non-lube / Non-wet	
Materials	Fluid-contact parts	Stainless steel 316	
	Case	Stainless steel 304 (Black melamine coating)	
	Clear cover	Polycarbonate (Hard coated) Part No. G46-00-00-2	
	Internal parts	Brass	
Weight		80 g	

Models

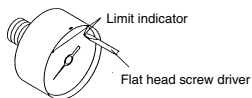
Model	Pressure range	Indicator units
	MPa	
G46-2-02-SRA	0 to 0.2	MPa
G46-2-02-SRB		
G46-4-02-SRA		
G46-4-02-SRB		
G46-7-02-SRA		
G46-7-02-SRB		
G46-10-02-SRA		
G46-10-02-SRB		

Procedure for setting the limit gauge indicator

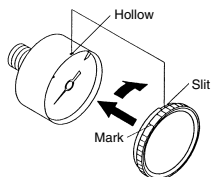
- 1) Before setting the limit indicator, turn the cover counterclockwise (approximately 6 to 7 mm) until it stops. Then, remove by pulling it towards you.



- 2) Use a flat head screwdriver (with a 2.9 mm blade width) to set the limit indicator. Be careful not to bend other needle or damage the dial plate.



- 3) After completing the setting, replace the cover. Fit the cover by aligning the cutout in the cover to the groove on the top of the black case. Turn the cover clockwise (approximately 6 to 7 mm) and make sure that the matching mark on the cover is aligned with the groove on the top of the case.





Brackets

	For SRH3000	For SRH4000
Model	B21-1-T1	1350112-T1
Material	Rolled sheet steel (Electroless nickel plated)	
Dimensions		