

Hydrogen Pressure Regulators

VSR-92 Series

VIGOUR

Product Feature

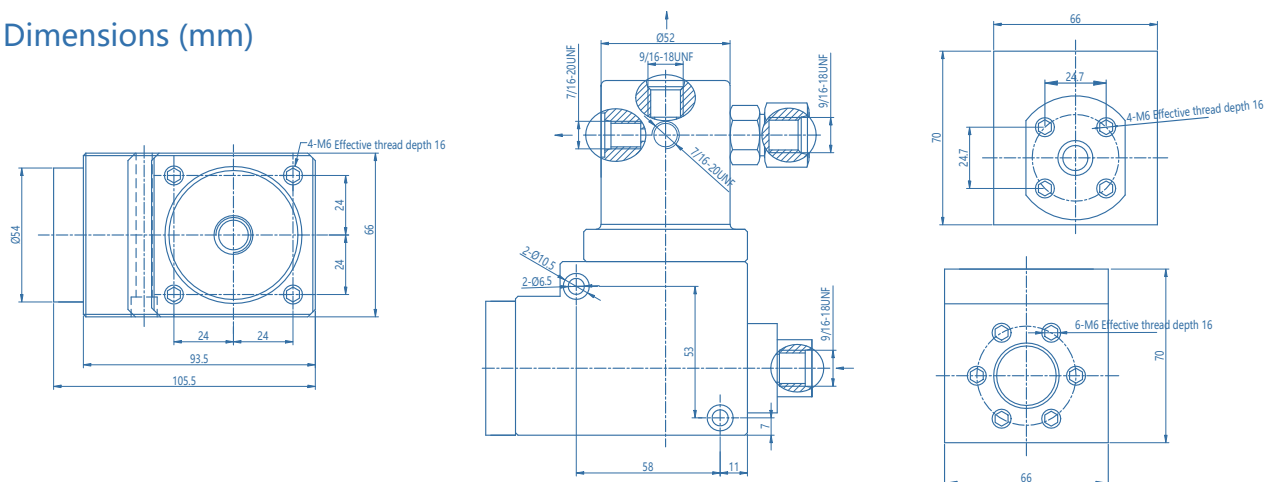
- High pressure on-board pressure reducer
- Piston type high pressure input, is safe and reliable
- High flow rate meets high power condition of hydrogen new energy
- Multi-specification preset pressure optional
- Porous design, convenient installation of accessories

Typical Applications

- Hydrogen vehicle air supply system



Dimensions (mm)



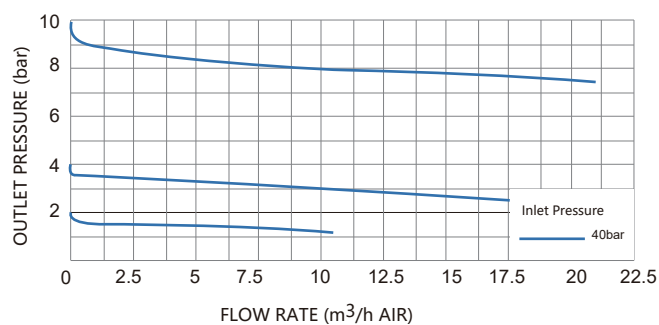
Technical Data

Type:	Dual-stage
Inlet pressure P1:	max. 350 bar / 700 bar
Outlet pressure P2:	Inlet 350 bar: 6~13 bar Inlet 700 bar: 7~13 bar

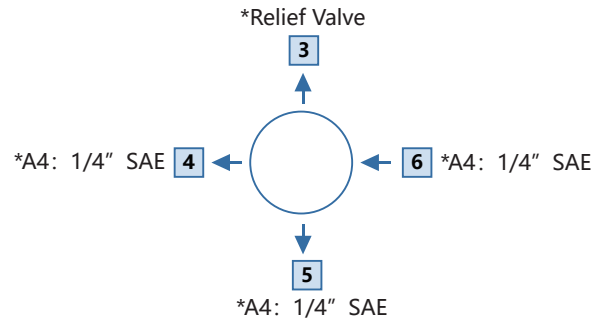
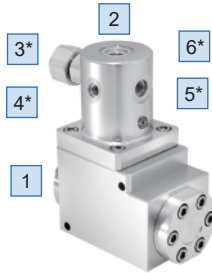
Materials

Body:	Aluminium
Valve seat:	Vespe [®]
O-ring:	EPDM
Piston:	Aluminium
Spring:	Piano wire
Filter:	120 µm / 2 µm 316L
Temperature range:	-40°C to +85°C
Leak rate:	Bubble-tight
Weight:	1.9kg

Flow chart



Ordering Information



Inlets / Outlets

F4: 1/4" NPT(F)	A4: 1/4" SAE	P: Gauge
F6: 3/8" NPT(F)	A6: 3/8" SAE	
F8: 1/2" NPT(F)	A8: 1/2" SAE	

* Other connection standard, consult factory.

Port Selection

VSR - 92A - 350 - 8 - 1 - 2

Body Material

A: AL aluminum

Inlet Pressure P1

350: 350 bar (aluminum)
700: 700 bar

Outlet Pressure P2

2: 2 bar
4: 4 bar
8: 8 bar
10: 10 bar

Ordering Example

Example: VSR - 92A - 350 - 8 - A6 - A6

1 - 2

