

# Hydrogen Pressure Regulator / Wasserstoffdruckregler

## VSR-9 Series

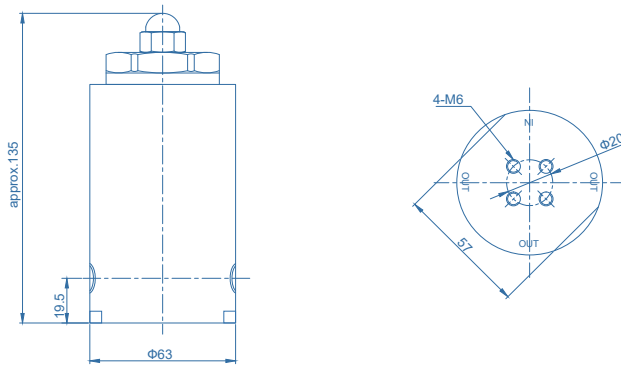
### Product Features

- Piston-sensed design provides a long service life and enhanced safety
- High flow and minimal flow droop
- Balanced valve design minimizes supply pressure effect
- Used in diverse applications for a broad range of temperatures, flows and pressures
- Wide variety of preset outlet pressure are available
- 10 micron, 316 Stainless Steel filter

### Typical Applications

- Hydrogen fuel cell vehicles

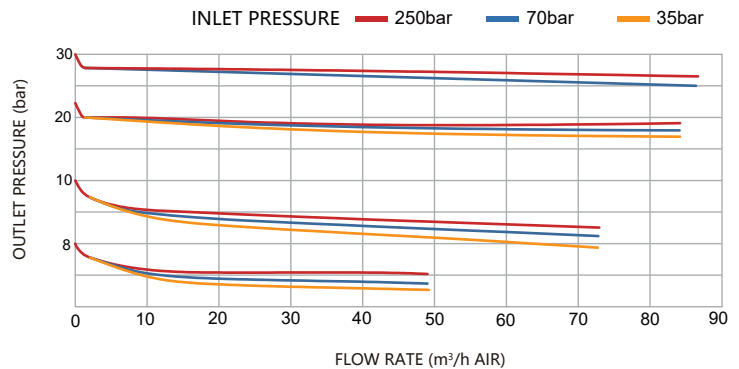
### Dimensions (mm)



### Technical Data

Inlet pressure P1:	max. 350 / 700 bar
Outlet pressure P2:	8/10/20/30 bar
<b>Materials</b>	
Body:	316L / Aluminium
Seat:	VespeI®
O-ring:	EPDM
Main valve:	316L
Sensor:	316L
Spring:	316L
Filter:	10µm 316
Leakage:	泡沫测试
Operating temperature:	-40°C to +85°C
Flow capacity:	Cv=0.50
Weight:	2.4kg

### Flow Chart



## Ordering Information



**Inlets / Outlets**

F4: 1/4"NPT(F)	A4: 1/4"SAE	P: Gauge (Psig/bar)
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 - 9S - 350 - 8 - 1 - 2 - 3 - 4**

<b>Body Material</b>	<b>Outlet Pressure P<sub>2</sub></b>
S: 316L	8: 8 bar
C: Aluminum	10: 10 bar
	20: 20 bar
	30: 30 bar

<b>Inlet Pressure P<sub>1</sub></b>
350: 350 bar
700: 700 bar (316L)

## Ordering Example

**Example: VSR - 9S - 350 - 8 - F4 - F4 - F4 - F4**

1 - 2 - 3 - 4

