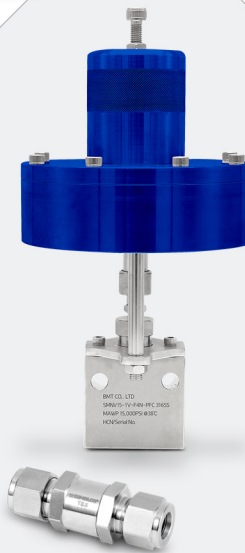
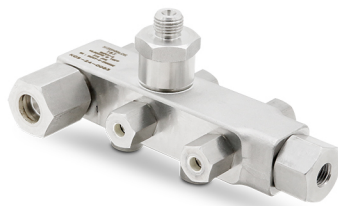
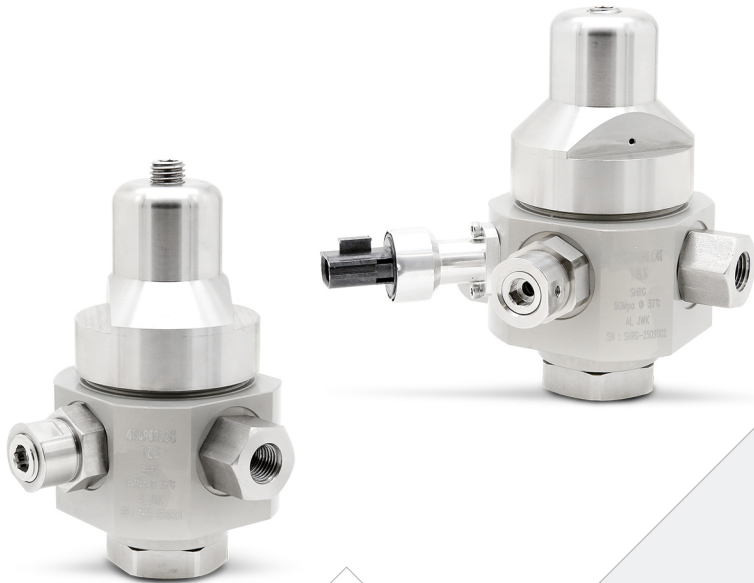


# High Pressure Hydrogen Regulator

• SHR Series



# High Pressure Hydrogen Regulator

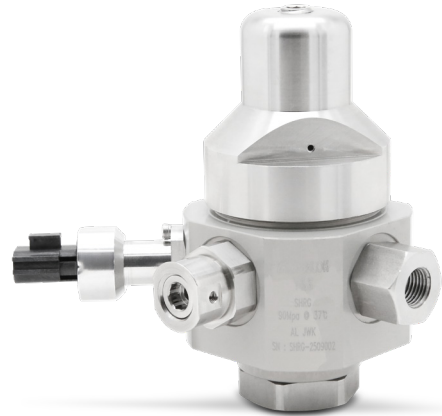
## SHR Series

### Features

- Integrated compact design (option : pressure sensor).
- High differential pressure applicable.
- Panel mountable.
- Variety of end connections.
- Each and every valve is tested at the factory.

### Specifications

- Pressure rating : 12,000 psig (827bar) @70F°(21C°).
- Temperature rating : -49 to 194°F (-45 to 90°C).
- Body material : AL6061 T6
- Port connections : Variety of end connections.
- Flow coefficient (Cv) : 0.21



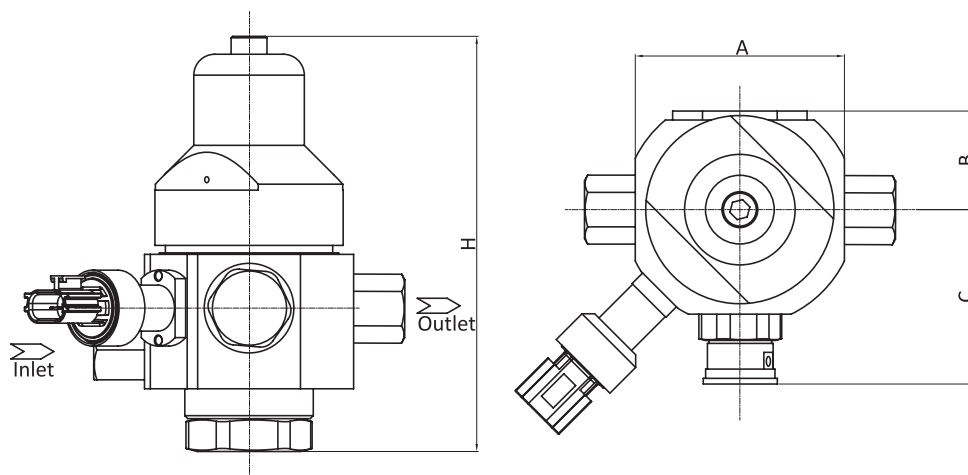
### Testing

- Each valve is tested with nitrogen at 12,000 psig (827bar) to maximum allowable leak rate of 0.1 SCCM.

### Pressure Adjustment

- The output pressure of the regulator can be set by adjusting screw. (5 to 20 bar)

### Table of Dimensions



Description	A	B	C	H
Hydrogen Regulator	70	33	58	139

- Dimensions and Drawings are for reference only and are subject to change without prior notice.
- Unless otherwise specified, all dimensions are in millimeters.
- Sizes, pressure classes, and end connections not listed are available upon request.
- Dimensions shown with nuts finger-tight, where applicable.

## Ordering Information

<b>Example :</b>	<b>SHR</b>	<b>-</b>	<b>MP4</b>	<b>-</b>	<b>10</b>
	<u>1</u>		<u>2</u>		<u>3</u>

### 1. Regulator Series

SHR

### 2. Connection Size & Type

Size (inch)	1/4	3/8	1/2	9/16
NPT(Female)	F4N	F6N	F8N	-
Medium Pressure C&T	MP4	MP6	-	MP9
Pre-forming	4F	6F	8F	-

### 3. Outlet set pressure (unit : bar)

Ex.) 10 - 10 bar

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Clean Ball Valves

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HGS® : Trademark registered in Republic of Korea, Japan and United States (as of May 2025)

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