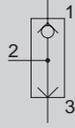


Pneumatic, Vacuum and Auxiliary Components  
Catalog No. CB-024SA

# Shuttle valve SHV2 Series

● Port size: Rc1/8 to Rc1

JIS symbol



P4 compliant as standard



## Features

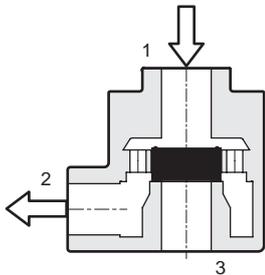
- **Variety of bore sizes available**  
Series includes piping bore sizes Rc1/8 to Rc1
- **Wide range of options**
  - Fluoro rubber specifications available as options
  - Mounting bracket available (small bore)
- **Eco-friendly product**
  - Eco-friendly design is free of lead and hexavalent chrome.
  - Paint-free
  - Waste sorting is simplified

## Specifications

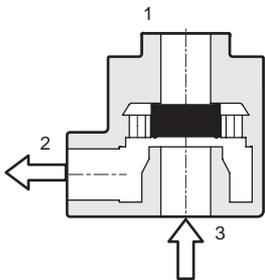
Model No.	SHV2-6	SHV2-8	SHV2-10	SHV2-15	SHV2-20	SHV2-25	
<b>Item</b>							
Working fluid	MPa Compressed air						
Max. working pressure	MPa 1.0						
Min. working pressure	MPa 0.05						
Min. working differential pressure	MPa 0.05						
Proof pressure	°C 1.5						
Fluid temperature	°C 5 to 60						
Ambient temperature	0 to 60 (no freezing)						
Port size	Rc 1/8	Rc 1/4	Rc 3/8	Rc 1/2	Rc 3/4	Rc 1	
Weight	g 86	g 82	g 270	g 270	g 760	g 700	
Mounting bracket weight	g 15		-				
Mounting orientation	Unrestricted						
Effective cross-sectional area	mm <sup>2</sup> 1→2	20	28	90	105	205	245
	mm <sup>2</sup> 3→2	22	32	95	115	210	250
Min. required flow rate	*1 l/min 20		30		100		150

\*1: The valve may not change completely if the flow rate is less than this value.

## Operational explanation



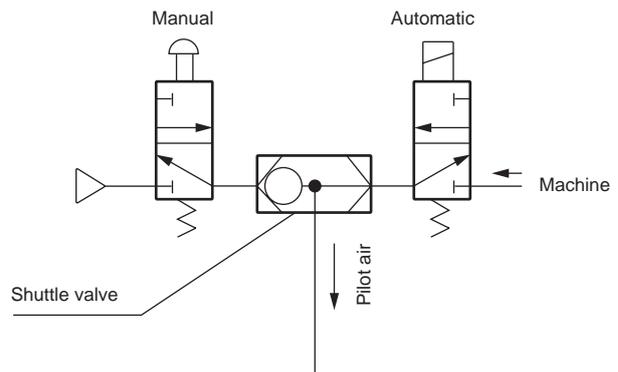
● 1→2  
The valve closes port 3 with pressure from port 1. Air flows to port 2.



● 3→2  
The valve closes port 1 with pressure from port 3. Air flows to port 2.

## Applications

① Switching manual/auto



## Compatibility table by variation

	SHV2
Port size	Rc1/8 to 1
P4	Standard compliance

●: Applicable models ○: Semi-applicable models ▲: Contact CKD for details. □: Not applicable

Note: Select a fluoro rubber specification

## How to order

● Shuttle valve



Model No.

**A** Port size

**B** Option

**C** Accessory

Code	Description
<b>A Port size</b>	
6	Rc 1/8
8	Rc 1/4
10	Rc 3/8
15	Rc 1/2
20	Rc 3/4
25	Rc 1
<b>B Option</b>	
A	Fluoro rubber specifications
<b>C Accessory</b>	
Blank	No
P	Mounting bracket attached

\*1: Mounting bracket is attached for SHV2-6 and SHV2-8 only.

\*2: P4 compliant as standard.

**P4**  
Series

Pneumatic cylinders  
Hand/Chuck  
Related products  
Cylinder Switch

Pneumatic actuator

Vacuum components  
Pneumatic valves

Clean air components  
Speed controller  
Fitting  
Auxiliary valve

Pneumatic auxiliary components

Silencer  
Tube

Gas generator  
Fluid control components

Motor specification  
Motorless specifications

Electric actuator