

# Hand slide valve



## HSV Series



HSV

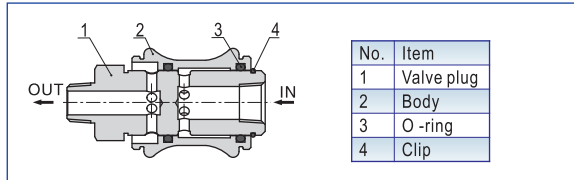
### Symbol



### Product feature

1. There are several ways of internal and external thread connection, suitable for the application in different pipeline systems.
2. The direction-change slides smoothly and has good hand feeling.
3. There is large effective circulating area.
4. The valve spool surface is treated with acid washing passivation, and the surface of valve body is oxidized to keep the color for a long time.

### Inner structure



### Specification

Model	HSV06	HSV08	HSV10	HSV15	HSV20	HSV25
Fluid	Air (to be filtered by 40 μm filter element)					
Operating	Manual control direct acting type					
Port size <sup>①</sup>	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Orifice size	23.0mm <sup>2</sup> (Cv=1.28)	40.0mm <sup>2</sup> (Cv=2.20)	62.0mm <sup>2</sup> (Cv=3.50)	140.0mm <sup>2</sup> (Cv=7.80)	250.0mm <sup>2</sup> (Cv=13.80)	392.0mm <sup>2</sup> (Cv=21.78)
Valve type	3/2 Way					
Lubrication	Not required					
Pressure range	0~1.0MPa(0~145psi)					
Proof pressure	1.5MPa(215psi)					
Temperature	-20~70°C					
Material body	Aluminum alloy					

① PT thread, NPT thread and G thread are available.

### Ordering code

**HSV 08 SS P**

- Model**  
HSV: Hand slide valve
- Port size**  
06: 1/8"  
08: 1/4"  
10: 3/8"  
15: 1/2"  
20: 3/4"  
25: 1"
- Thread type**  
P: PT  
T: NPT  
G: G
- Dovt thread**  
Blank: Standard  
SS: Double male thread  
FF: Double female thread  
SF: Male and female thread

### Dimensions

**Standard**

**Double female thread (FF)**

**Male and female thread (SF)**

**Double male thread (SS)**

Type\Item	A	B1	B2	B3	B4	C	D	E1	E2	F1	F2
HSV06	30	50	43	50	57	27.5	17	1/8"	1/8"	1/8"	1/8"
HSV08	32.5	58	47	58	69	30	19	1/4"	1/4"	1/4"	1/4"
HSV10	39	68.5	55.5	68.5	81.5	35.5	22	3/8"	3/8"	3/8"	3/8"
HSV15	50	85.5	70.5	85.5	100.5	44	30	1/2"	1/2"	1/2"	1/2"
HSV20	58	96.5	79.5	96.5	113.5	53.5	36	3/4"	3/4"	3/4"	3/4"
HSV25	70	114.5	96.5	114.5	132.5	65.5	44	1"	1"	1"	1"