

HSV Series



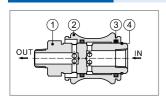
Symbol



Product feature

- 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 plug surface is treated with hard anodizing, and the surface of valve body is oxidized to keep the color for a long time.

Inner structure



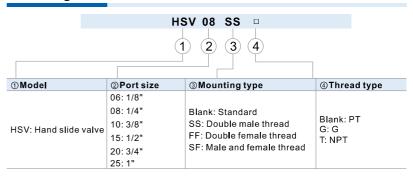
| lve plug Body |
|------------------|
| Rody |
| Douy |
| O-ring |
| Clip |
| |

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 [Note1] | 1/8" | 1/4" | 3/8" | 1/2" | 3/4" | 1" | | | |
| Orifice size | 23.0mm ² (Cv=1.28) | | | | | 392.0mm ² (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 of body | Aluminum alloy | | | | | | | | |

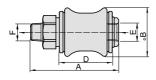
[Note1] PT thread, G thread and NPT thread are available.

Ordering code

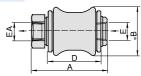


Dimensions

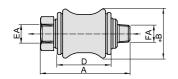
Standard



Double female thread (FF)



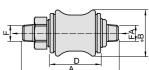
${\bf Male\,and\,female\,thread(SF)}$





${\bf Double\,male\,thread\,(SS)}$





| Model\Item | | Α | | | | ВА | D | Е | EA | _ | FA |
|------------|----------|--------------------|---------------------|------------------|------|----|------|------|------|------|------|
| wodertem | Standard | Doublefemalethread | Maleandfemalethread | Doublemalethread | ВВ | DA | U | | EA | F | FA |
| HSV06 | 50 | 43 | 50 | 57 | 27.5 | 17 | 30 | 1/8" | 1/8" | 1/8" | 1/8" |
| HSV08 | 58 | 47 | 58 | 69 | 30 | 19 | 32.5 | 1/4" | 1/4" | 1/4" | 1/4" |
| HSV10 | 68.5 | 55.5 | 68.5 | 81.5 | 35.5 | 22 | 39 | 3/8" | 3/8" | 3/8" | 3/8" |
| HSV15 | 85.5 | 70.5 | 85.5 | 100.5 | 44 | 30 | 50 | 1/2" | 1/2" | 1/2" | 1/2" |
| HSV20 | 96.5 | 79.5 | 96.5 | 113.5 | 53.5 | 36 | 58 | 3/4" | 3/4" | 3/4" | 3/4" |
| HSV25 | 114.5 | 96.5 | 114.5 | 132.5 | 65.5 | 44 | 70 | 1" | 1" | 1" | 1" |