

The HSV Series general purpose Hand Slide Valves may be installed directly in-line. The slide action is smoother and easy to use. Port sizes range from G1/8 to G1 and come in various combinations of male and female threads.

Specifications

Model	HSV06	HSV08	HSV10	HSV15	HSV20	HSV25
Fluid	Air (to be filtered by 40µm filter element)					
Operating	Manual control direct acting type					
Port size ①	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Orifice size (Cv)	23.0mm ² (Cv=1.28)	40.0mm ² (Cv=2.20)	62.0mm ² (Cv=3.50)	140.0mm ² (Cv=7.80)	250.0mm ² (Cv=13.8)	392.0mm ² (Cv=21.78)
Valve type	3 port 2 position					
Lubrication	Not required					
Pressure range	0 – 1.0MPa(0~145Psi)					
Proof pressure	1.5 MPa(215Psi)					
Temperature °C	-20~70					
Material of body	Aluminum alloy					

① G thread and PT thread are available



Ordering Codes

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

Symbol



Product Features

1. Male and Female threads to suit most systems.
2. Smooth opening and closing action.
3. High flow areas within the valve.
4. Surface treatment ensures long life and maintains colour.

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"

Inner Structure

NO.	Item
1	Valve
2	Body
3	O-ring
4	Clip