

HSV Series



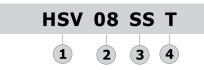








Ordering code



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

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)	40.0mm ² (Cv=2.20)	62.0mm ² (Cv=3.50)	140.0mm ² (Cv=7.80)	250.0mm ² (Cv=13.80)	392.0mm ² (Cv=21.78)		
Valve type	3/2 Way							
Lubrication	Not required							
Pressure range	0~145psi(0~1.0MPa)							
Proof pressure	215psi(1.5MPa)							
Temperature	-20~70℃							
Material body	Aluminum alloy							

[Note1] NPT thread is available.

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.

Hand slide valve(3/2 way)

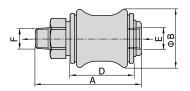
MOTIONUSA



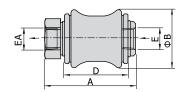
HSV Series

Dimensions

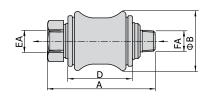
Standard



Double female thread(FF)



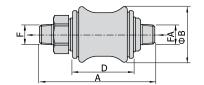
Male and female thread(SF)





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





[Unit: mm]

	Α		D	D A		_	EA	_	FA	
Standard	FFtype	SFtype	SStype	D	DA	ש		EA	F	ГА
50	43	50	57	27.5	17	30	1/8"	1/8"	1/8"	1/8"
58	47	58	69	30	19	32.5	1/4"	1/4"	1/4"	1/4"
68.5	55.5	68.5	81.5	35.5	22	39	3/8"	3/8"	3/8"	3/8"
85.5	70.5	85.5	100.5	44	30	50	1/2"	1/2"	1/2"	1/2"
96.5	79.5	96.5	113.5	53.5	36	58	3/4"	3/4"	3/4"	3/4"
114.5	96.5	114.5	132.5	65.5	44	70	1"	1"	1"	1"
	50 58 68.5 85.5 96.5	Standard FFtype 50 43 58 47 68.5 55.5 85.5 70.5 96.5 79.5	Standard FFtype SFtype 50 43 50 58 47 58 68.5 55.5 68.5 85.5 70.5 85.5 96.5 79.5 96.5	Standard FFtype SFtype SStype 50 43 50 57 58 47 58 69 68.5 55.5 68.5 81.5 85.5 70.5 85.5 100.5 96.5 79.5 96.5 113.5	Standard FFtype SFtype SStype 50 43 50 57 27.5 58 47 58 69 30 68.5 55.5 68.5 81.5 35.5 85.5 70.5 85.5 100.5 44 96.5 79.5 96.5 113.5 53.5	Standard FFtype SFtype SStype 50 43 50 57 27.5 17 58 47 58 69 30 19 68.5 55.5 68.5 81.5 35.5 22 85.5 70.5 85.5 100.5 44 30 96.5 79.5 96.5 113.5 53.5 36	Standard FFtype SFtype SStype B BA D 50 43 50 57 27.5 17 30 58 47 58 69 30 19 32.5 68.5 55.5 68.5 81.5 35.5 22 39 85.5 70.5 85.5 100.5 44 30 50 96.5 79.5 96.5 113.5 53.5 36 58	Standard FFtype SFtype SStype B BA D E 50 43 50 57 27.5 17 30 1/8" 58 47 58 69 30 19 32.5 1/4" 68.5 55.5 68.5 81.5 35.5 22 39 3/8" 85.5 70.5 85.5 100.5 44 30 50 1/2" 96.5 79.5 96.5 113.5 53.5 36 58 3/4"	Standard FFtype SFtype SStype B BA D E EA 50 43 50 57 27.5 17 30 1/8" 1/8" 58 47 58 69 30 19 32.5 1/4" 1/4" 68.5 55.5 68.5 81.5 35.5 22 39 3/8" 3/8" 85.5 70.5 85.5 100.5 44 30 50 1/2" 1/2" 96.5 79.5 96.5 113.5 53.5 36 58 3/4" 3/4"	Standard FFtype SFtype SStype B BA D E EA F 50 43 50 57 27.5 17 30 1/8" 1/8" 1/8" 58 47 58 69 30 19 32.5 1/4" 1/4" 1/4" 68.5 55.5 68.5 81.5 35.5 22 39 3/8" 3/8" 3/8" 85.5 70.5 85.5 100.5 44 30 50 1/2" 1/2" 1/2" 96.5 79.5 96.5 113.5 53.5 36 58 3/4" 3/4" 3/4"