

# Manual Slide Valves HSV

Nominal diameter from 7 mm to 24 mm



## Suitability for Industry Specific Applications

### Applications

- Vacuum valve for manual switching of vacuum or compressed air circuits
- Robust construction permits high switching frequencies
- For use in vacuum gripping systems and handling devices
- May be installed in any orientation



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### Design

- Manual slide valve made of brass and aluminum
- Additional lock possible (HSV 12 and 24 3/2 S)
- Easily actuated sliding sleeve
- 3/2-way valve

### Our Highlights...

- For use with vacuum and compressed air
- Wide range of nominal sizes
- Robust metal construction
- Small size
- Venting function

### Your Benefits...

- Absolutely vacuum tight: no leaks
- Optimum matching to the nominal flow rate
- Robust and free of wear
- Space saving and ergonomical
- Venting function for quick release of parts



### Designation Code Manual Slide Valves HSV



#### 1 - Abbreviated designation

Code	Version
HSV	HSV

#### 2 - Nozzle size

Code	Nozzle size in mm
7...24	7 to 24

#### 3 - Variant

Code	Type
3/2	3/2-way valve

#### 4 - Product addition

Code	Type
S	Lock

Manual slide valve HSV is delivered as a ready-to-connect product.



Schmalz - The Company  
Vacuum Suction Cups  
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## Ordering Data Manual Slide Valves HSV

Type	Part no.
HSV 7 3/2	10.05.07.00034
HSV 8 3/2	10.05.07.00035
HSV 12 3/2	10.05.07.00036
HSV 12 3/2 S	10.05.07.00037
HSV 24 3/2 S	10.05.07.00038

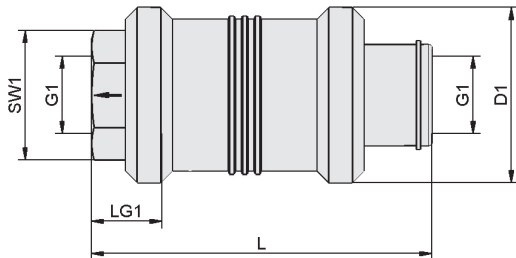


## Technical Data Manual Slide Valves HSV

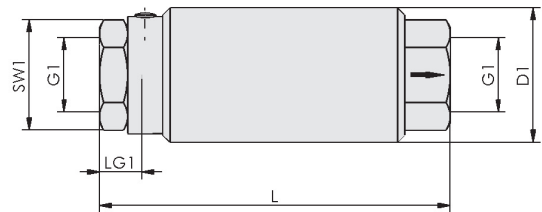
Type	Nominal size [mm]	Nominal flow rate [m³/h]	Nominal flow rate [l/min]	Pressure range (operating pressure) [bar]	Weight [kg]
HSV 7 3/2	7	6	100	-0.95 ... 10.00	0.097
HSV 8 3/2	8	10	167	-0.95 ... 10.00	0.156
HSV 12 3/2	12	16	267	-0.95 ... 10.00	0.230
HSV 12 3/2 S	12	16	267	-0.95 ... 10.00	0.356
HSV 24 3/2 S	24	50	834	-0.95 ... 10.00	0.513



## Design Data Manual Slide Valves HSV



HSV



HSV S

Type	D1 [mm]	G1	L [mm]	LG1 [mm]	SW1 [mm]
HSV 7 3/2	30	G1/4"-F	58.0	12	19
HSV 8 3/2	35	G3/8"-F	70.7	15	22
HSV 12 3/2	40	G1/2"-F	80.0	16	27
HSV 12 3/2 S	38	G1/2"-F	99.5	15	27
HSV 24 3/2 S	45	G3/4"-F	110.0	16	32

