

Manual Slide Valves HSV

Nominal diameter from 7 mm to 24 mm



Suitability for Industry Specific Applications



Applications

- 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

Product Highlights

- Leakage-free valves for vacuum and compressed air applications
- Wide range of nominal sizes allows optimum adaptation to the nominal flow
- Stable, wear-free metal design
- Space-saving and ergonomic
- Ventilation for quick release of parts

Designation Code Manual Slide Valves HSV

HSV	-	12	-	3/2	-	S
1		2		3		4

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.

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Ordering Data Manual Slide Valves HSV

Type	Part no.
HSV 7 3/2 G1/4-IG	10.05.07.00034
HSV 8 3/2 G3/8-IG	10.05.07.00035
HSV 12 3/2 G1/2-IG	10.05.07.00036
HSV 12 3/2 G1/2-IG S	10.05.07.00037
HSV 24 3/2 G3/4-IG S	10.05.07.00038

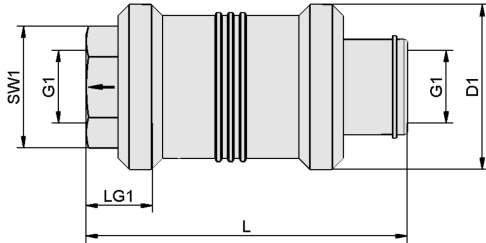
Technical Data Manual Slide Valves HSV

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 G1/4-IG	7	6	100	-0.95 ... 10.00 bar	0.097
HSV 8 3/2 G3/8-IG	8	10	167	-0.95 ... 10.00 bar	0.156
HSV 12 3/2 G1/2-IG	12	16	267	-0.95 ... 10.00 bar	0.230
HSV 12 3/2 G1/2-IG S	12	16	267	-0.95 ... 10.00 bar	0.356
HSV 24 3/2 G3/4-IG S	24	50	834	-0.95 ... 10.00 bar	0.513

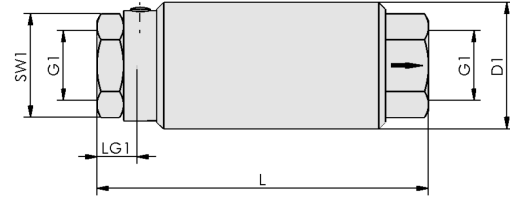
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Design Data Manual Slide Valves HSV



HSV



HSV S

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 **Design Data Manual Slide Valves HSV**

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