

HVSS Pneumatic Thread Hand Valve Air Shut-Off Valve

Manual threaded air shut-off valve for pneumatic isolation and airflow control



Product Overview

The HOMIPNEU HVSS pneumatic thread hand valve is a compact manual air shut-off valve designed for quick airflow control in pneumatic systems. Its threaded inline structure and hand-operated selector allow compressed air to be opened or isolated without electrical control. The valve is suitable for maintenance shut-off points, machine air circuits and industrial pneumatic installations that require simple, reliable manual operation.

Item	Specification	Item	Specification
Connection	Male Thread x Male Thread	Operating Fluid	Air
Thread Range	R1/8 to R1/2	Proof Pressure	1.32 MPa
Control	Manual ON/OFF handle	Operating Pressure	0-0.9 MPa
Application	Air shut-off and isolation	Temperature	0-60°C

Key Features

- Manual air shut-off control for fast pneumatic line isolation.
- Male threaded connections for secure inline installation.
- Compact hand-operated structure for convenient ON/OFF control.
- Reliable sealing for compressed-air systems.

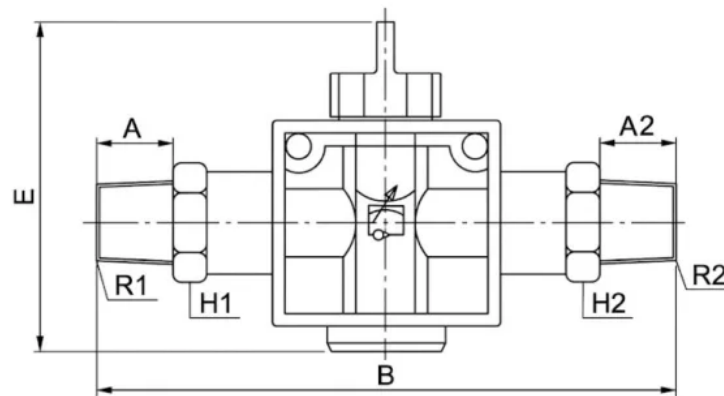
Typical Applications

- Pneumatic automation systems and air supply circuits.
- Air compressor lines and industrial machinery.
- Maintenance isolation points and service shut-off lines.
- Compressed-air systems requiring manual flow control.

Technical Specifications

Parameter	Specification
Operating Fluid	Air
Valve Type	Manual threaded pneumatic hand valve
Function	Manual air shut-off / airflow isolation
Proof Pressure	1.32 MPa (13.5 kgf/cm ²)
Maximum Operating Pressure	0-0.9 MPa (0-9.2 kgf/cm ²)
Ambient and Fluid Temperature	0-60°C
Applicable Tubing	PU tube and nylon tube
Connection	Male threaded connection on both sides

Dimension Drawing



Symbols: E = overall height; B = overall length; R1/R2 = male thread; A/A2 = threaded-end length; H1/H2 = hex width.

Model Selection and Dimensions

Model	E	R1	A	H1	B	R2	A2	H2
HVSS01-01	40	R1/8	7	12	60	R1/8	7	12
HVSS02-01	40	R1/4	8	14	61	R1/8	7	12
HVSS02-02	42.5	R1/4	8	14	66	R1/4	8	14
HVSS03-02	42.5	R3/8	9	17	76	R1/4	8	17
HVSS03-03	42.5	R3/8	9	17	77	R3/8	9	17
HVSS04-03	42.5	R1/2	10	21	78.5	R3/8	9	17
HVSS04-04	44.5	R1/2	10	21	82.5	R1/2	10	21

All dimensional values are in millimetres unless otherwise stated.

Installation and Operating Guidance

- Confirm that the inlet and outlet thread sizes match the selected HVSS model.
- Depressurize the pneumatic system completely before installation or removal.
- Apply suitable thread sealant where required, keeping sealant out of the airflow passage.
- Tighten using the hexagonal sections; do not apply installation torque through the plastic body or handle.
- Operate the handle fully to the ON or OFF position and avoid leaving it partially open.
- Pressurize the system gradually and inspect both threaded connections for leakage.
- Do not exceed the specified pressure and temperature limits.

Ordering Information

Specify the complete model number, inlet and outlet thread sizes, and quantity when ordering. OEM and ODM options may include alternative thread standards, sealing materials, colors, packaging and branding, subject to production confirmation.

Source note: Product images, specifications, model data and the dimension drawing are based on the HOMIPNEU product page. The information is provided as a general technical reference. Final dimensions, materials, thread standards and production details should be confirmed before ordering.

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