



Air-Actuated Valve, Bronze, Normally Closed

AAV-1000 Series



- ✓ Ideal Alternative to Complex Actuated Ball Valves
- ✓ Ideal for Neutral and Some Aggressive Fluids
- ✓ Optical Position Indication Standard
- ✓ Bronze and PTFE Wetted Parts
- ✓ For Water, Steam, Compressed Air, Natural Gas, Oil or Vacuum Service



AAV-1025 shown smaller than actual size.

The AAV-1000 Series of air-operated bronze angle seat valves are ideal for use in a wide range of industrial applications. The unique construction permits the use of these valves with a wide range of fluids including steam, select liquids and gases, and vacuums.

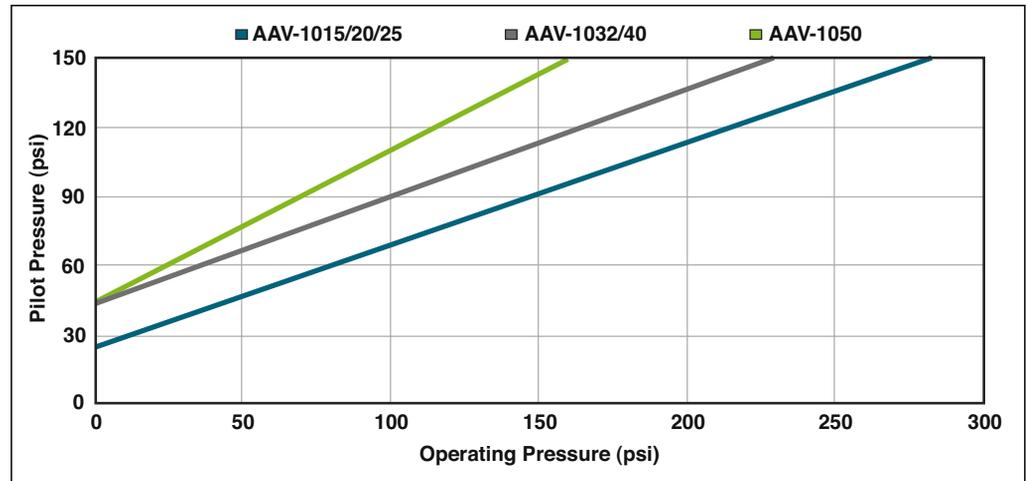
The valve stem has a self-aligning gland which together with the floating seal assures maximum integrity. The PTFE seal material is used as standard for maximum fluid compatibility.

SPECIFICATIONS

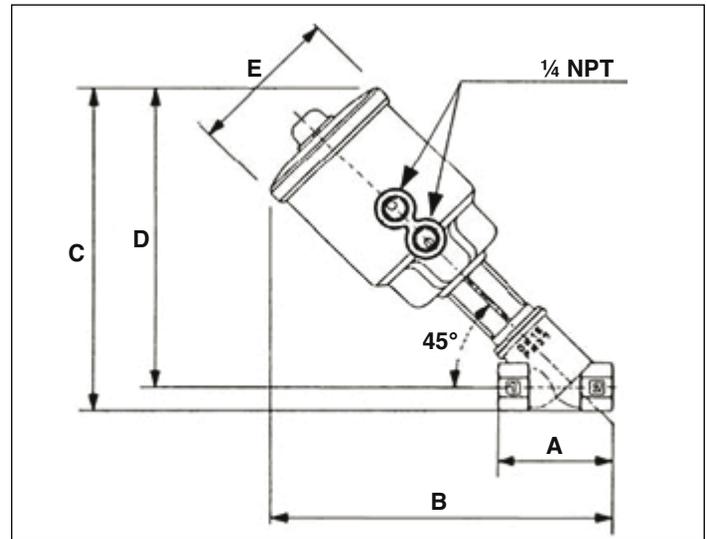
- Media Temperature:** -10 to 180°C (14 to 360°F)
- Ambient Temperature:** -10 to 60°C (14 to 140°F)
- Body Material:** Bronze
- Seal Material:** PTFE
- Pilot Media:** Air, inert gases, water, maximum 60°C (140°F)
- Valve Position:** Normally closed
- Flow Direction:** 1 → 2 over seat



Required Pilot Pressure Chart



AAV-1025 shown smaller than actual size.



Dimensions: mm (inch)

Model No.	Width (A)	Width (B)	Height (C)	Height (D)	Width (E)	Weight, kg (lb)
AAV-1015	65 (2.56)	192 (7.56)	186 (7.31)	171 (6.75)	85 (3.34)	1.2 (2.64)
AAV-1020	75 (2.94)	202 (7.94)	192 (7.56)	174 (6.87)	85 (3.34)	1.3 (2.86)
AAV-1025	90 (3.56)	212 (8.34)	205 (8.09)	186 (7.34)	85 (3.34)	1.5 (3.30)
AAV-1032	110 (4.34)	224 (8.81)	217 (8.53)	193 (7.59)	85 (3.34)	1.9 (4.18)
AAV-1040	120 (4.72)	230 (9.06)	227 (8.94)	202 (7.94)	85 (3.34)	2.1 (4.62)
AAV-1050	150 (5.91)	248 (9.75)	241 (9.50)	207 (8.16)	85 (3.34)	2.9 (6.38)

To Order							
Model No.	NPT	Orifice	cV	Minimum Pressure PSI	Maximum Pressure PSI	Pilot Pressure Range PSI	Actuator Diameter mm (inch)
AAV-1015	1/2	1/2"	4.6	0	290	25 to 150	64 (2.5)
AAV-1020	3/4	3/4"	8.6		290	25 to 150	
AAV-1025	1	1"	19.3		290	25 to 150	
AAV-1032	1 1/4	1 1/4"	29		230	45 to 150	
AAV-1040	1 1/2	1 1/2"	44.8		230	45 to 150	
AAV-1050	2	2"	56.9		160	45 to 150	

To order units with BSPP threads add suffix **"-BSPP"** to the model number, no additional cost.
Comes complete with operator's manual (pilot valve sold separately).