

ASCO™ Series 298B Air Operated Stainless Steel Piston Valves

for Steam and Aggressive Fluid Service

Applications

- Rubber Vulcanization/Tire Presses
- Industrial Autoclaves
- Foundries
- Laundry
- Food & Beverage
- Chemical Processing



Features & Benefits

Robust Design

- Constructed from high-temperature-resistant materials
- Designed to resist thermal shock (steam/cold water)
- Anti-water hammer construction
- Back pressure protection
- Bidirectional flow allows for process flexibility
- Handles aggressive media such as saturated steam, superheated water, and corrosive fluids

High Performance

- High pressure rating up to 580 psi (40 bar)
 - Provides superior performance on OEM equipment
- Broad ambient temperature range: -4°F to 356°F (-20°C to 180°C)
 - Well suited for indoor and outdoor applications
- PTFE seals are resistant to strong acids, bases, oils, steam, etc
 - Ideal for use in the oil and chemical processing industries

Cost Saving

- Operator designed for low air consumption
- Compact and light weight design reduces installation cost
- Easy disassembly minimizes maintenance and cleaning costs

Specifications

Pipe Size in (mm)	Operator Diameter (mm)	Normally Closed			Normally Open			Operating Pressure Differential psi (bar)		Air Pilot Pressure psi (bar)		Ambient Temp °F (°C)
		Catalog Number	Flow Cv (Kv)		Catalog Number	Flow Cv (Kv)		Min.	Max.	Min.	Max.	
			Ports 1 - 2	Ports 2 - 1		Ports 1 - 2	Ports 2 - 1					
1/2" (15)	80	8298B0380TA0000	5.1 (4.4)	5.8 (5.0)	8298B1380TA0000	4.0 (3.5)	4.0 (3.5)	0	580 (40)	①	145 (10)	-4 to 356 (-20 to 180)
3/4" (20)	100	8298B04E0TA0000	8.9 (7.7)	9.8 (8.5)	8298B14E0TA0000	8.3 (7.2)	8.1 (7.0)					
1" (25)	100	8298B05E0TA0000	13.5 (11.5)	13.0 (12.0)	8298B15E0TA0000	12.0 (11.0)	12.0 (11.0)					
1-1/4" (32)	150	8298B06LOTA0000	20.0 (18.0)	20.0 (18.0)	8298B16LOTA0000	20.0 (18.0)	17.0 (15.0)					
1-1/2" (40)	150	8298B07LOTA0000	33.5 (29.0)	33.5 (29.0)	8298B17LOTA0000	32.6 (28.2)	32.6 (28.2)					
2" (50)	200	8298B08N0TA0000	66.0 (57.0)	66.0 (57.0)	8298B18N0TA0000	61.0 (53.0)	61.0 (53.0)					

① Varies with differential pressure & pipe size 5 to 64 psi (0.3 to 4.4 bar)

For more information:
www.asco.com

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