



Kerotest Steam Valve Catalog

Kerotest Clears the Air with Steam Valves

Steam valves don't have to leak. They don't have to be difficult to install. And they don't have to require any regular maintenance. Kerotest manufactures the Gate and Blowdown valves that will forever clear the air.

We took our proven Model 1 Gate Valve and re-engineered it for steam service applications. The result is a leak-proof, compact, non-rising steam valve that needs no lubrication or adjustment.

The new Kerotest Globe Blowdown Valve combines the best globe valve technology with a non-rising stem design to produce a valve that lets you both throttle the steam and shut it off completely. Both new valves are American-made, adhering to the strict quality standards you have come to expect from Kerotest.

Replace your leaky, inefficient steam valves with Kerotest leak-proof valves. It's the cost-effective way to cut steam losses, improve operating efficiency and reduce maintenance costs.

Gate Valve **** Engineered Not To Leak ****

Kerotest's steam service Gate Valve features a patented packing, which incorporates a secondary back-up seal for leak-proof performance. A low profile design and non-rising stem make the Kerotest Gate Valve easy to install, even where other valves won't fit. And, the valve is maintenance free, requiring no regular lubrication or adjustment of any kind.

Features and Benefits:

- No Gland Tightening
- Full Opening --- no significant pressure drop
- Low Operating Torque
- Patented Packing --- no environmental leakage
- Back Seat --- full containment of pressure below packing
- Weather Seal Protection
- All valves receive 100% Full Rating Hydro Seat Test, 150% Full Rating Hydro Shell Test, and 100 PSIG Air Seat Test

Specification Tables for WELD ENDS (1" through 16") 150/300 ANSI

Class	Size (inches)	Valve Number	End to End (inches)	C/L to Top (inches)	Number of Turns	Weight (lbs)	Temp
150	2	1WS2HTP	7	8-3/4	7-1/4	24	-30F to 500F
	3	1WS2HTP	8	10-7/16	10-1/4	36	
	4	1WS2HTP	9	12-11/16	13-1/4	50	
	6	1WS2HTP	10-1/2	16-7/16	19-3/4	101	
300	1*	1S07HTP	5	6	5-3/4	9	
	1-1/4	1WS7HTP	5	6	5-3/4	9	
	2	1WS7HTP	7	8-3/4	7-1/4	24	
	3	1WL7HTP	11-1/8	10-7/16	10-1/4	58	
	4	1WL7HTP	12	12-11/16	13-1/4	74	
	6	1WL7HTP	15-7/8	16-7/16	19-3/4	130	
	8	1WL7HTP	16-1/2	20-1/4	26-1/4	210	
	10	1WL7HTP	18	27	21-3/4	390	
	12	1WL7HTP	19-3/4	30-3/4	25-3/4	535	
	16	1WL7HTP	33	41-3/8	69	1595	

* 1 Inch in Socket Weld Ends

Specification Table for: FLANGED ENDS (2" through 16") 150/300 ANSI

Class	Size (inches)	Valve Number	End to End (inches)	C/L to Top (inches)	Number of Turns	Weight (lbs)	Temp
150	2	1F2HTP	7	8-3/4	7-14	35	-30F to 500F
	3	1F2HTP	8	10-7/16	10-1/4	55	
	4	1F2HTP	9	12-11/16	13-1/4	80	
	6	1F2HTP	10-1/2	16-7/16	19-3/4	135	
	8	1F2HTP	11-1/2	20-1/4	26-1/4	245	
	10*	1F2HTP	18	27	21-3/4	530	
	12*	1F2HTP	19-3/4	30-3/4	25-3/4	745	
	16*	1F2HTP	33	41-3/8	69	2035	
300	2	1F7HTP	8-1/2	8-3/4	7-1/4	41	
	3	1F7HTP	11-1/8	10-7/16	10-1/4	72	
	4	1F7HTP	12	12-11/16	13-3/4	114	
	6	1F7HTP	15-7/8	16-7/16	19-3/4	198	
	8	1F7HTP	16-1/2	20-1/4	26-1/4	310	
	10	1F7HTP	18	27	21-3/4	530	
	12	1F7HTP	19-3/4	30-3/4	25-3/4	745	
	16	1F7HTP	33	41-3/8	69	2035	

* 300 ANSI Flanges drilled to 150 ANSI Specifications.

Globe Blowdown Valve ** Combines Throttle & Shut-Off ******

The Kerotest non-rising stem Globe Blowdown Valve combines both a throttle valve and a shut-off valve in one low profile, compact design. In addition to dependable shut-off, the Kerotest Globe Blowdown Valve utilizes a tapered throttle disc design that allows precise control over a wide range of flow conditions. Kerotest's Globe Blowdown Valve features a unique non-rotating tapered disc design to achieve constant disc to seat line contact. The disc does not rotate while in contact with the seat, thus minimizing seat and disc wear, and reducing costly maintenance and valve replacement.

Features and Benefits:

- Stainless Steel Tapered Throttling Disc is fully stellite hardfaced where exposed to flowing media
- Valve Body Seat and Seat Bore are fully hardfaced
- Non-rotating Throttle Disc design improves valve's long term shut-off performance
- Redundant Stem Packing Chamber requires no maintenance or adjustment --- eliminating costly steam leakage problems
- Combined Throttle/Shut-Off Design eliminates need for additional upstream isolation valve
- In-Line Serviceable Seats and Disc

Specification Table for: FLANGED OR WELD ENDS 150/300 ANSI

Class	Size (inches)	Valve Number	End to End (inches)	C/L to Top (inches)	Number of Turns	Weight (lbs)	Temp
150/300	2		8-1/2	10	9	50	-30F to 500F

Customize Your Valve

Kerotest offers a wide variety of watertight extensions, custom built to your specifications, which can be factory mounted or field mounted on existing valves. Other options include locking devices, handwheels, position indicators, bevel gear operators and electronic actuators.

Other Kerotest Valves Suitable for Steam Applications

[Weldball](#)- Hot Water/Steam

Needle and Gauge Valves

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