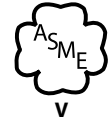
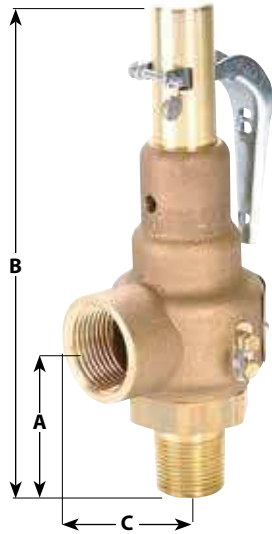


COMMERCIAL PRODUCTS CATALOG

ASME Section I & VIII Safety Valves

19 SERIES



BRONZE SAFETY VALVES FOR STEAM, AIR & GAS SERVICE

National Board capacity certified, high capacity, ideal for use with steam boilers, sterilizers, pressure vessels, compressors, and pressure piping systems.

FEATURES

- Pressures: 15 through 300 psig steam, air, gas
- Max. temp. 406°F with stainless steel trim
- 13 Sizes, 1/2" through 2-1/2" NPT
- Stainless steel springs
- Optional 316 stainless steel wetted trim (Specify 19L or 19S Series)
- Available in metal and soft seat designs
- Metal to metal seat lapped to optical flatness (19M)
- PFA Teflon® soft seat easily replaced (19K)
- Double ring, full bore, high capacity design
- Tapped body drain facilitates piping of condensate away from equipment
- Registered in all Canadian Provinces and Territories, CRN #0G8547.5C
- Wide wrenching hex for easier, faster installations
- Dual ASME/CE European Pressure Equipment Directive Compliant option

Series Number	Orifice Designation	Inlet Size (in.)	Dimensions (in.)			Wt./100 (lbs.)
			A	B	C	
19KDC	D	1/2 x 3/4	2.21	6.52	1.37	1.6
19KDD	D	3/4 x 3/4	2.21	6.52	1.37	1.6
19KED	E	3/4 x 1	2.50	7.16	1.75	2.0
19KEE	E	1 x 1	2.64	7.30	1.75	2.2
19KFE	F	1 x 1-1/4	2.95	9.34	2.00	4.1
19KFF	F	1-1/4 x 1-1/4	2.95	9.34	2.00	4.3
19KGF	G	1-1/4 x 1-1/2	3.38	11.01	2.37	7.4
19KGG	G	1-1/2 x 1-1/2	3.38	11.01	2.37	7.6
19KHG	H	1-1/2 x 2	3.63	11.96	2.75	11.5
19KHH	H	2 x 2	3.63	11.96	2.75	11.6
19KJG	J	1-1/2 F X 2-1/2	3.80	14.00	3.50	20.0
19KJH	J	2 x 2-1/2	4.06	14.25	3.50	19.9
19KJJ	J	2-1/2 x 2-1/2	4.50	14.68	3.50	20.8

CERTIFIED CAPACITIES

Set Pressure psig	Orifice					
	D	E	F	G	H	J
15	174	310	484	794	1,240	2,035
25	229	408	637	1,045	1,631	2,677
40	311	555	866	1,421	2,217	3,641
50	366	653	1,019	1,672	2,608	4,283
100	646	1,152	1,798	2,950	4,602	7,557
125	787	1,404	2,191	3,595	5,609	9,210
150	929	1,656	2,585	4,240	6,616	10,864
165	1,014	1,807	2,821	4,628	7,220	11,856
200	1,211	2,160	3,371	5,531	8,630	14,170
250	1,494	2,664	4,158	6,822	10,644	17,477
300*	1,777	3,168	4,945	8,112	12,658	20,784
Approx 1 psi increments	5.7	10.1	15.7	25.8	40.3	66.1

ASME Section I Steam

Power Boiler - "V" steam lbs./hr. steam @ 3% accumulation

*Specify Model 19S with stainless steel wetted trim for steam settings beyond 250 psig.