



# 19 SERIES ASME SAFETY VALVE

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

## DESCRIPTION

ASME Section I/Section VIII capacity certified safety valve for overpressure protection of steam power boilers, systems, pressure vessels, piping and similar equipment. Suitable for steam, air and non-hazardous gases.

## FEATURES

- ASME Section I & VIII Certified Capacities
- 5 - 300 psig Set Pressures @ 406F max
- 1/2" - 2-1/2" Inlet Connections Available
- Stainless Steel Wetted Component Option
- PFA, Metal and O-ring seat styles available
- Directive 97/23/EC (PED) Compliant Option
- Made in the USA

## MATERIALS

Body: ASTM B584 Bronze  
 Nozzle: ASTM B16 Brass/ 316 SS  
 Spring: Stainless Steel  
 Seat: PFA Teflon/ B16 Brass/ 316 SS/ EPDM

## CAPACITY, LB/HR (Kg/Hr)

National Board Capacity Certified, Section I Steam

Set Pressure PSIG (bar)	D ORIFICE	E ORIFICE	F ORIFICE
15 (1.03)	174 (79)	310 (140)	484 (220)
100 (6.90)	646 (293)	1152 (523)	1798 (817)
250 (17.24)	1494 (679)	2664 (1210)	4158 (1890)
	G ORIFICE	H ORIFICE	J ORIFICE
15 (1.03)	794 (360)	1240 (563)	2035 (925)
100 (6.90)	2950 (1340)	4602 (2091)	7557 (3435)
250 (17.24)	6822 (3100)	10644 (4838)	17477 (7944)

## DIMENSIONS

MODEL #	SIZE	INSTALL HEIGHT	HEIGHT
19*DC	1/2M x 3/4F	6.00 (152)	6.5 (165)
19*DD	3/4M x 3/4F	6.00 (152)	6.5 (165)
19*ED	3/4M x 1F	6.75 (171)	7.1 (180)
19*EE	1M x 1F	6.75 (171)	7.1 (180)
19*FE	1M x 1-1/4F	8.68 (221)	9.3 (236)
19*FF	1-1/4M x 1-1/4F	8.68 (221)	9.3 (236)
19*GF	1-1/4M x 1-1/2F	10.32 (262)	11.0 (279)
19*GG	1-1/2M x 1-1/2F	10.32 (262)	11.0 (279)
19*HG	1-1/2M x 2F	11.28 (287)	12.0 (305)
19*HH	2M x 2F	11.28 (287)	12.0 (305)
19*JH	2M x 2-1/2F	13.75 (350)	14.2 (360)
19*JJ	2-1/2M x 2-1/2F	13.75 (350)	14.7 (373)
19*JG	1-1/2F x 2-1/2F	13.00 (331)	14.0 (355)

All dims in inches (mm);



## ORDER NUMBER

19 - Seat-Orifice - Inlet - Service - Pressure - Options  
 Example: 19KEDA125CE

### SEAT

- K = PFA Seat/Brass Trim
- M = Metal Seat/Brass Trim
- L = PFA Seat/Stainless Trim
- S = Stainless Seat/Stainless Trim
- E = EPDM O-ring/Brass Trim

### ORIFICE

- D  E  F  G  H  J

### INLET

- 1/2" (C)  3/4" (D)  1" (E)
- 1-1/4" (F)  1-1/2" (G)  2" (H)
- 2-1/2" (J)

### SERVICE

- A = ASME SECTION I STEAM
- K = ASME SECTION VIII AIR/GAS
- L = ASME SECTION VIII STEAM
- N = NON-CODE AIR/GAS
- P = NON-CODE STEAM

### SET PRESSURE

(5 - 300, psig)

### SPECIAL OPTIONS

- A = ANTI-VIBRATION PREP
- CE = PED compliant

## APPROVALS



ASME Section I Power Boilers  
 ASME Section VIII Div 1 Pressure Vessels  
 Canadian Registration Number 0G8547.5C  
 Pressure Equipment Directive 97/23/EC (PED)

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