



19 SERIES ASME SAFETY VALVE

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

DESCRIPTION

ASME Section I and 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 @ -60°F min / 406°F max
- 1/2" - 2-1/2" Inlet Connections Available
- Stainless Steel Wetted Component Option
- PFA and Metal 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

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 (141)	484 (220)
100 (6.89)	646 (293)	1152 (522)	1798 (816)
250 (17.23)	1494 (678)	2664 (1208)	4158 (1886)
	G ORIFICE	H ORIFICE	J ORIFICE
15 (1.03)	794 (360)	1240 (562)	2035 (923)
100 (6.89)	2950 (1338)	4602 (2088)	7557 (3428)
250 (17.23)	6822 (3094)	10644 (4828)	17477 (7928)

DIMENSIONS

MODEL #	SIZE	WEIGHT LB(KG)	HEIGHT IN.(MM)
19*DC	1/2M x 3/4F	1.6(.73)	6.5 (165)
19*DD	3/4M x 3/4F	1.6(.73)	6.5 (165)
19*ED	3/4M x 1F	2.0(.91)	7.1 (180)
19*EE	1M x 1F	2.2(1.1)	7.1 (180)
19*FE	1M x 1-1/4F	4.1(1.9)	9.3 (236)
19*FF	1-1/4M x 1-1/4F	4.3(2.0)	9.3 (236)
19*GF	1-1/4M x 1-1/2F	7.4(3.4)	11.0 (279)
19*GG	1-1/2M x 1-1/2F	7.6(3.4)	11.0 (279)
19*HG	1-1/2M x 2F	11.5(5.2)	12.0 (305)
19*HH	2M x 2F	11.6(5.3)	12.0 (305)
19*JG	1-1/2F x 2-1/2F	20.0(9.1)	14.0(356)
19*JH	2M x 2-1/2F	19.9(9.0)	14.2 (360)
19*JJ	2-1/2M x 2-1/2F	20.8(9.4)	14.7 (373)



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

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)

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28105 USA ; www.apollovalves.com ; 704-841-6000

This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.