



119 SERIES ASME SECTION I & VIII SAFETY VALVE

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

All dims in inches (mm)

DESCRIPTION

ASME Section I & VIII air and steam capacity certified safety valve for overpressure protection of steam power boilers, deaerators, accumulators, pressure reducing stations and pressure piping systems.

FEATURES

- ASME Section I & VIII Certified Capacities
- 5 - 250 psig Set Pressures @ 450F max
- 1-1/2" - 6" Class 250 Flanged Inlet Connections
- 2" - 3" FNPT Inlet Connections Available
- Stainless Steel Wetted Trim Standard
- Optically Flat Lapped Metal Seats
- Directive 97/23/EC (PED) Compliance Option
- MADE IN THE USA



MATERIALS

Body: ASTM A126-B Cast Iron
 Nozzle/Disc: ASTM A479 Stainless Steel
 Spring: Stainless Steel or Plated Steel

CAPACITY, Lb/Hr (Kg/Hr)

National Board Capacity Certified, Section I Steam

| Set Pressure PSIG (bar) | 15 (1.03) | 100 (6.90) | 250 (17.24) |
|-------------------------|---------------|---------------|----------------|
| J Orifice | 1947 (885) | 7227 (3285) | 16714 (7597) |
| K Orifice | 2761 (1255) | 10250 (4659) | 23705 (10775) |
| L Orifice | 4286 (1948) | 15913 (7233) | 36801 (16727) |
| M Orifice | 5410 (2459) | 20085 (9129) | 46451 (21114) |
| N Orifice | 6522 (2964) | 24215 (11006) | 56002 (25455) |
| P Orifice | 9592 (4360) | 35615 (16188) | 82366 (37439) |
| Q Orifice | 16617 (7553) | 61698 (28044) | 142687 (64857) |
| R Orifice | 24061 (10936) | 89336 (40607) | 206603 (93910) |

DIMENSIONS

| MODEL # | SIZE | INSTALLED HEIGHT |
|---------|---------------------------|------------------|
| 119JGC | 1-1/2" 250# x 2-1/2" FNPT | 15 (381) |
| 119KHC | 2" 250# x 3" FNPT | 16 (406) |
| 119KHA | 2" FNPT x 3" FNPT | 16 (406) |
| 119KJC | 2-1/2" 250# x 3" FNPT | 16 (406) |
| 119KKC | 3" 250# x 3" FNPT | 16 (406) |
| 119LJC | 2-1/2" 250# x 4" FNPT | 22 (558) |
| 119LJA | 2-1/2" FNPT x 4" FNPT | 22 (558) |
| 119LKC | 3" 250# x 4" FNPT | 22 (558) |
| 119LMC | 4" 250# x 4" FNPT | 22 (558) |
| 119MKA | 3" FNPT x 4" FNPT | 22 (558) |
| 119MKC | 3" 250# x 4" FNPT | 22 (558) |
| 119MMC | 4" 250# x 4" FNPT | 22 (558) |
| 119NMD | 4" 250# x 6" 125# | 28 (711) |
| 119PMD | 4" 250# x 6" 125# | 28 (711) |
| 119QPD | 6" 250# x 8" 125# | 42 (1066) |
| 119RPD | 6" 250# x 8" 125# | 42 (1066) |

ORDER NUMBER

119-Orifice -Inlet -Connection -Service -M -Options -Pressure
 Example: 119LJCAMAA0250

Orifice J K L M
 N P Q R

Inlet G = 1-1/2" H = 2" J = 2-1/2"
 K = 3" M = 4" P = 6"

Connection A = FNPT x FNPT
 C = 250# x FNPT
 D = 250# x 125#

Service A = ASME (I) STEAM
 K = ASME (VIII) AIR
 L = ASME (VIII) STEAM
 N = NON-CODE AIR
 P = NON-CODE STEAM

Options AA = Standard Configuration
 CE = PED compliant

Set Pressure (5 - 250 psig)

NOTE: NOT ALL CONFIGURATIONS AVAILABLE TOGETHER

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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