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|------------------|--|
| Job Name: | |
| Job Location: | |
| Engineer: | |
| Contractor: | |
| Tag: | |
| PO#: | |
| Rep.: | |
| Wholesale Dist.: | |

DESCRIPTION

ASME Sections 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 @ 450° F 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
- **Made in the USA**

APPROVALS

- ASME Section I Power Boilers
- ASME Section VIII Div 1 Pressure Vessels for Steam, Air/Gas and Liquids
- Canadian Registration Number 0G8547.5C
- Pressure Equipment Directive 2014/68/EU (PED)

**Set pressures and temperatures vary by model.
Refer to catalog for sizing and selection information*

STANDARD MATERIALS LIST

| | |
|--------------------|---------------------------------|
| BODY | ASTM A126-B Cast Iron |
| NOZZLE/DISC | ASTM A479 Stainless |
| SPRING | Stainless Steel or Plated Steel |

CAPACITY, LB/HR (KG/HR)

NATIONAL BOARD CAPACITY CERTIFIED, SECTION 1 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) |

AVAILABLE CONFIGURATIONS

| MODEL NUMBER | SIZE | INSTALLED HEIGHT IN. (MM) |
|--------------|---------------------------|---------------------------|
| 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 | 8" 250# x 8" 125# | 42 (1066) |

PART NUMBER MATRIX

| 119 | K | H | C | A | MAA | 0150 | Q |
|-----------------------------------|---|--|---|---|---|-------------------------------|--|
| SERIES NUMBER | ORIFICE LETTER | INLET (IN.) | CONNECTION | SERVICE | SPECIAL OPTIONS | SET PRESSURE | SUFFIX |
| 119 - STAINLESS STEEL WETTED TRIM | THE ORIFICE LETTER FROM THE CAPACITY CHART (CPCA9000 PG. 116-119) | G - 1-1/2 H - 2 J - 2-1/2 K - 3 M - 4 P - 6 | A - FNPT X FNPT C - 250# X FNPT D - 250# X 125# | A - SEC I STEAM K - SEC VIII AIR L - SEC VIII STEAM N - NON CODE AIR P - NON CODE STEAM | FACTORY ISSUED LETTERS/NUMBERS (MAA DEFAULT) MCE - CE/PED | SET PRESSURE, PSIG (4 DIGITS) | Q - PERFORMANCE (CALIBRATION) TEST REPORTS |