

119 Series

ASME Sections I & VIII Safety Valve

SUBMITTAL SHEET

"Apollo" Valves



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 OG8547.5C
- 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	0125	Q
SERIES NUMBER	ORIFICE LETTER	INLET SIZE	CONNECTION	SERVICE	SPECIAL OPTIONS	SET PRESSURE	SUFFIX
119 = Stainless Steel Wetted Trim	Orifice Letter from Capacity Chart	G = 1-1/2" H = 2" J = 2-1/2" K = 3" L = 4" M = 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 for Special Options or Features "MAA" = Default Setting "MCE" = CE/PED	Set Pressure, PSIG (4 digits)	Q = Performance (Calibration) Test Reports

*Not all configurations available together

Customer Service (704) 841-6000
www.apollovalves.com

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