

29 Series

ASME Safety Valve

SUBMITTAL SHEET

"Apollo" Valves



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

DESCRIPTION

ASME Sections I & VIII capacity certified safety valve for overpressure protection of steam power boilers, steam & air system, pressure vessels, piping and similar equipment. Compact and economic design ideal for OEM applications.

FEATURES

- Steam, Air or Gas Service
- ASME Section I & VIII NB Certified Capacities
- 30 - 200 psig Set Pressures @ 406°F max
- 3/8" - 1-1/4" Inlet Connections Available
- Stainless Steel Wetted Component Option
- PFA Teflon® Soft Seat
- 100% Factory Tested
- 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 A584 Bronze
NOZZLE	ASTM B16 Brass
SPRING	Stainless Steel
SEAT	PFA Teflon®

CAPACITY, Lb/Hr (Kg/Hr)

NATIONAL BOARD CAPACITY CERTIFIED, SECTION I STEAM

SET PRESSURE PSIG (bar)	29102/202/302	29303/402/501
30 (2.07)	164 (74)	330 (150)
100 (6.90)	423 (192)	851 (386)
200 (13.79)	794 (360)	1596 (725)

AVAILABLE CONFIGURATIONS

MODEL NUMBER	SIZE	INSTALLED HEIGHT in. (mm)	HEIGHT in. (mm)
29102	3/8M x 1F	5.00 (127)	5.40 (137)
29202	1/2M x 1F	5.00 (127)	5.40 (137)
29302	3/4M x 1F	5.00 (127)	5.40 (137)
29303	3/4M x 1-1/4F	6.70 (170)	7.25 (184)
29402	1M x 1-1/4F	6.70 (170)	7.25 (184)
29501	1-1/4M x 1-1/4F	6.70 (170)	7.25 (184)

PART NUMBER MATRIX

29	202	A	100	A
BASE MODEL NUMBER	INLET X OUTLET NTNPT	ASME CODE & SERVICE	SET PRESSURE (PSI)	SPECIAL OPTIONS
Bronze with Brass Trim and Teflon® Soft Seat	102 = 3/8 x 1 202 = 1/2 x 1 302 = 3/4 x 1 303 = 3/4 x 1-1/4 402 = 1 x 1-1/4 501 = 1-1/4 x 1-1/4	A = Sec I Steam K = Sec VIII Air L = Sec VIII Steam	Set Pressure (PSIG) (range 30-200 psig)	S = Stainless Steel Wetted Trim (models 29-202 & 29-303 only) C = CE/PED Q = Performance (Calibration) Test Reports *other suffixes - factory issued

**Not all configurations available together*