



**ANSI piston check valves forged steel**  
bolted bonnet  
threaded and socket weld ends

**Class 800**  
**1/2" - 2"**

### Application

Industrial plants, power stations, process engineering  
refineries, oil and marine engineering, for water, steam  
gas, oil and other non-aggressive media

### Operating data

Pressure-temperature ratings STD to ASME B16.34

Pressure test STD to API 598 standard

### Materials

ASTM A105 trim 8 (stellite 13%Cr)

### Design

STD BS 5352, socket weld ends STD to ASME B 16.11

NPT threaded ends according to ANSI B1.20.1

### Standard variants

Other materials or series on request

### Standard material specifications

No	Part name	Material
1	rivet	Carbon steel
2	name plate	Aluminium
3	b/b bolts	A193 B7
4	spring	A183 F316
5	cover	A105N
6	gasket b/b	F316+Graphoil
7	piston	A479 TP410
8	seat	A479 TP410+St6
9	body	A105N

### Dimensions and Weight (mm and inches)

DN	1/2	3/4	1	1 1/4	1' 1/2	2
NPS	15	20	25	32	40	50
A	80	90	110	127	155	170
B	49	55	69,5	77	105	121
D	9	12	17	22	28	34
Kg	1,1	1,8	2,6	3,6	5,5	8,4