



ANSI swing 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	cover	A105N
5	gasket b/b	F316+Graphoil
6	hinge pin	A479 TP316
7	seat	A479 TP410
8	swing	A479 TP410+St6
9	hinge	A182 F316
10	nut	A194 Gr8
11	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	127	130
B	49	55	70	77	97	114
C	62	62	72	82	94	106
D	10	14	18	24	30	36,5
Kg	1,1	1,8	2,6	3,6	5	7,5