



ANSI swing check valves
Cast steel
bolted bonnet
Class 150
2" - 12"

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 to ASME B16.34
 Pressure test according to API 598 standard

Materials

ASTM A216 WCB trim 8 (stellite 13%Cr)

Design

BS 1868 - Face to face dimensions ANSI B16.10
 Flanged end ANSI B 16.5

Standard variants

Butt-weld end design on request, other materials
 or larger size on request

Standard material specifications

No	Part name	Material
1	Body	A216 WCB
2	Seat ring	A105
3	Disc	A216 WCB
4	Disc Nut	A182 F6
5	Hinge	A216 WCB
6	Hinge pin	A182 F6
7	Gasket	Sp. wond S.S/graphite
8	Cover	A216 WCB
9	Cover bolt	A193 B7
10	Cover nut	A194 2H
11	Washer	Carbon steel
12	Sealing face overlay	13% Cr or stellite

Dimensions and Weight (mm and inches)

DN	50	65	80	100	125	150	200	250	300
NPS	2	2 1/2	3	4	5	6	8	10	12
L	203	216	241	292	330	356	495	622	699
	8	8,5	9,5	11,5	13	14	19,5	24,5	27,5
H	170	180	185	215	240	260	300	350	400
	6,8	7,1	7,4	8,5	9,5	10,3	11,9	13,9	15,8
Kg	17	23	33	44	69	78	137	207	279