



ANSI swing check valves
Cast steel
bolted bonnet
Class 300
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	267	292	318	356	400	445	533	622	711
	10,5	11,5	12,5	14	15,8	17,5	21	24,5	28
H	170	185	215	235	270	300	340	350	420
	6,8	7,4	8,5	9,3	10,6	11,9	13,4	13,9	16,6
Kg	21	24	39	51	80	90	175	210	286