



Check Swing Cast Steel A216 WCB Class 150

Body and Bonnet Cast Steel A216 WCB
 Bolted Bonnet
 Norm Steel Valves: ANSI/ASME B16.34
 Flange dimensions: ANSI/ASME B16.5 RF
 Face to Face dimensions: ANSI/ASME B16.10
 Hydrostatic Testing API 598
 Diameters: 2" to 20"

* Certification pending to norm API 600 from American Petroleum Institute

PRESSURE TEMPERATURE RATINGS

Temperature °F/°C	Pressure worked lbs/inch ² (PSI)
	Class 150
(-) 20 °F / (-) 29 °C to (+) 100 °F / (+) 38 °C	285
200 °F / 93 °C	260
300 °F / 149 °C	230
400 °F / 204 °C	200
500 °F / 260 °C	170
600 °F / 316 °C	140
650 °F / 343 °C	125
700 °F / 371 °C	110
750 °F / 399 °C	95
800 °F / 427 °C	80
850 °F / 454 °C	65
900 °F / 482 °C	50
950 °F / 510 °C	35
1000 °F / 538 °C	20



* Reference photo

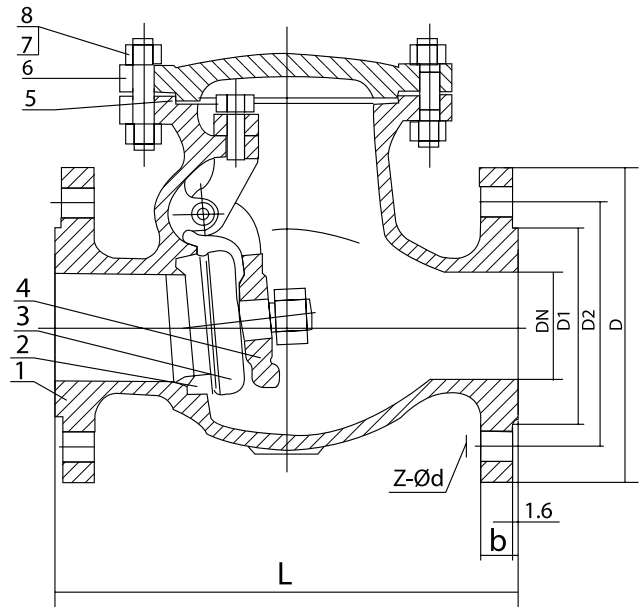
* Note : Dimensions, design and materials are subject to change without notice.



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MATERIALS

	PART NAME	MATERIAL
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A 216 WCB + 13% Cr.
3	DISK	ASTM A216 WCB + 13% Cr
4	SWING ARM	ASTM A216 WCB
5	PACKING	304+GRAPHITE FLEXIBLE
6	CAP BONNET	ASTM A216 WCB
7	BOLT CAP BONNET	ASTM A193 B7
8	NUT COVER BONNET	ASTM A194 2H



TEST API 598

DIMENSIONS (mm)

SIZE	L	D	D ₁	D ₂	B	Z-Ød	H	WEIGHT (KG)
2"	203	152	120.5	92	16	4-19	135	17
2 1/2"	216	178	139.5	105	18	4-19	147	23
3"	241	190	152.5	127	19	4-19	178	28
4"	292	229	190.5	157	24	8-19	222	43
6"	356	279	241.5	216	26	8-22	314	76
8"	495	343	298.5	270	29	8-22	350	148
10"	622	406	362	324	31	12-25	406	218
12"	698	483	432	381	32	12-25	445	345
14"	787	533	476	413	35	12-29	515	428
16"	864	597	540	470	37	16-29	555	553
18"	978	635	578	533	40	16-32	600	769
20"	978	699	635	584	43	20-32	675	837

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