



Performance Properties	
Nominal Pressure: Class 150 Lb	
Shell Test Pressure	3.0
Seal Test Pressure	2.0
Airtight Test Pressure	0.6
Suitable Temperature: -29~425°C	

- Technical Requirements:
- Design & manufacture: API 609.
 - Inspection & testing: API 598.
 - Face to face dimensions: ANSI B16.10.
 - Flange ends dimensions: ANSI B16.5.
 - Pressure-Temp ratings: ASME B16.34.
 - Valve marking: MSS-SP-25.

Part Name & Material List

Item	Part Name	Material
1	Bottom Cover	ASTM A216 WCB
2	Hexagon Bolt	ASTM A193 B7
3	Seal Gasket	Soft Graphite
4	Down Bearing Bushing	Self Lubricating Part
5	Body	A216 WCB + 13Cr Overlay
6	Seal Ring	SS304+Graphite
7	Disc Cover	ASTM A105
8	Hexagon Bolt	ASTM A193 B7
9	Disc	ASTM A216 WCB
10	Stem	ASTM A276 420
11	Pin	ASTM A276 420
12	Up Bearing Bushing	Self Lubricating Part
13	Packing	Soft Graphite
14	Packing Gland	ASTM A216 WCB
15	Hexagon Nuts	ASTM A194 2H
16	Spring Gasket	ASTM 1065
17	Studs	ASTM A193 B7
18	Support	ASTM A216 WCB
19	Hexagon Nuts	ASTM A194 2H
20	Spring Gasket	AISI 1065
21	Studs	ASTM A193 B7

Main Dimension

DN	L	ØD1	ØD2	N-M	H1	H2	H	W	W(K9)	T(KM)	Top Flange
4"(DN100)	54	190.5	157.2	8- $\frac{1}{2}$ "	202	115	28	22	13	200	ISO5211-F07
6"(DN150)	57	241.3	215.9	8- $\frac{3}{4}$ "	270	147	30	27	26	400	ISO5211-F10
8"(DN200)	64	298.5	269.9	8- $\frac{3}{4}$ "	305	185	45	36	28	900	ISO5211-F12
10"(DN250)	71	362	323.8	12- $\frac{1}{4}$ "	355	215	45	36	50	1500	ISO5211-F14
12"(DN300)	81	431.8	381	12- $\frac{1}{4}$ "	395	252	50	46	83	2500	ISO5211-F14
14"(DN350)	92	476.3	427.8	12- $\frac{1}{4}$ "	445	287	50	46	134	3500	ISO5211-F16
16"(DN400)	102	539.8	489.9	16- $\frac{1}{8}$ "	490	317	50	46	147	4000	ISO5211-F25
18"(DN450)	114	577.9	533.4	16- $\frac{1}{8}$ "	507	342	60	60	192	5000	ISO5211-F25
20"(DN500)	127	635	584.2	20- $\frac{1}{4}$ "	535	372	60	60	225	6000	ISO5211-F25
24"(DN600)	154	749.3	692.2	20- $\frac{1}{4}$ "	605	439	60	60	358	12000	ISO5211-F25

Welco Valve Co

Add: Sinqiao Industrial Zone, Qubei, Yongjia, Zhejiang, China

TITLE General Assembly Drawing

150# WAFFER CC A216 WCB BODY WCB/13CR DISC METAL SEAT

Product Name API 609 TRIPLE OFFSET BUTTERFLY VALVE

Drawing No. 4"~24" D43H150LB-00

REV.001 SHEET 1

SCALE:

Mark	Places	Department	Doc. Ref.	SIGN	DATE
SIGN					
DATE					

DRAWN BY	CHECKED BY	APPROVED BY	QUOTATION No.	ZWVZ02.00.00	CONTRACT No.	S/C002.00.00
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